The following explains how to use this speaker.

The content referenced in the Operating Instructions is described in detail through the following links.

**Network connection (wired)**

You can connect the speaker to a wired network if a Wi-Fi network connection is not possible.

**Connecting by using the browser on your PC (Wi-Fi network, Modern UI)**

This section explains how to set up by using the browser on your PC (Modern UI) via a Wi-Fi network.

**Connecting by using the browser on your PC (Wi-Fi network, Windows 7/8.1)**

This section explains how to set up by using the browser on your PC (Windows 7/8.1) via a Wi-Fi network.
Connecting by using the browser on your PC (Wi-Fi network, Mac)

This section explains how to set up by using the browser on your PC (Mac) via a Wi-Fi network.

Connecting by using iPhone/iPod touch

This section explains how to connect the speaker to a Wi-Fi network by using iPhone/iPod touch.

Playback via a network (Internet music streaming service)

You can stream music from the Internet using SongPal.

Playback via a network (SongPal Link)

Enjoy music in any room via Wi-Fi. You can listen to your favorite music stored in your PC or mobile phone, or from music streaming services, in different rooms with high sound quality.

USB connection (USB port, USB flash drive)

You can connect a USB flash drive to the USB port.

USB connection (USB port, Walkman)

You can connect a Walkman to the USB port.

HDMI cable connection (HDMI ARC TO TV port, TV)

Connect the speaker to a TV with using a commercially-available High Speed HDMI cable.

Audio cable connection (AUDIO IN port, portable audio device)

You can connect the device to the AUDIO IN jack with a commercially-available audio cable (with stereo mini plugs).
# Getting Started

- What you can do with the speaker
- Parts and controls
- Mounting the speaker on a wall
- Included items
  - Checking the included items

## Power source

- Connecting to an AC outlet
- Turning the power on
- Turning the power off (standby mode)
- Using the BLUETOOTH/Network standby mode
- Auto standby mode

# SongPal

## About SongPal

- How to use the SongPal screen
- What you can do with SongPal

## Wi-Fi network connection

- Connecting to a Wi-Fi network using SongPal (Smartphone)
- Connecting to a Wi-Fi network using SongPal (iPhone/iPod touch)

## Device control

- Listening to music on a PC via a Wi-Fi network
- Listening to music on a smartphone, iPhone, etc. via a Wi-Fi network
- Listening to music on a device via a USB connection
- Listening to music from an Internet streaming service (Google Cast)
- Listening with multiple speakers (SongPal Link)

## Speaker settings

- Setting the sound quality
- Setting the auto standby mode
- Setting the BLUETOOTH/Network standby mode
- Setting the BLUETOOTH audio streaming playback quality (Codec)

## Listening to music on a PC

### Without a Wi-Fi network

- Connecting via a LAN cable
- Making a wireless connection (BLUETOOTH connection)

### With a Wi-Fi network

- Using Media Go
- Using Windows Media Player (Windows 7 or later)
- Using other music playback software

## Listening to music on a smartphone such as an Xperia or Walkman equipped with Android

### Without a Wi-Fi network

- Making a wireless connection (BLUETOOTH connection)
- Connecting via an audio cable (with stereo mini plugs)

### With a Wi-Fi network

- Using the Music application (Xperia only)
- Using SongPal

## Listening to music on an iPhone/iPod

### Without a Wi-Fi network

- Making a wireless connection (BLUETOOTH connection)
- Connecting via an audio cable (with stereo mini plugs)

### With a Wi-Fi network

- Using SongPal

## Listening to music on a Walkman
### Connections

#### Wi-Fi network connection
- Selecting the Wi-Fi network connection method
- DLNA (Digital Living Network Alliance)
- Connecting to a Wi-Fi network using the Wi-Fi Protected Setup (WPS) button of the wireless router
- Connecting to a Wi-Fi network using a PC connected with a LAN cable
- Connecting to a Wi-Fi network using an iPhone/iPod touch
- Connecting the speaker to a Wi-Fi network using a PC connected wirelessly (Modern UI)
- Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8.1)
- Connecting to a Wi-Fi network using a PC connected wirelessly (Mac)
- Disabling the Wi-Fi network function and BLUETOOTH network function

#### Wired network connection
- Selecting the wired network connection method
- DLNA (Digital Living Network Alliance)
<table>
<thead>
<tr>
<th>Connecting to a wired network</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wireless Surround/Wireless Stereo connection</strong></td>
</tr>
<tr>
<td>- Using this speaker as a rear speaker (Wireless Surround)</td>
</tr>
<tr>
<td>- Connecting two speakers (Wireless Stereo)</td>
</tr>
<tr>
<td><strong>BLUETOOTH connection (pairing)</strong></td>
</tr>
<tr>
<td>- How to make a wireless connection with BLUETOOTH devices</td>
</tr>
<tr>
<td>- Pairing and connecting with a BLUETOOTH device</td>
</tr>
<tr>
<td>- Pairing and connecting with a PC (Windows 8.1)</td>
</tr>
<tr>
<td>- Pairing and connecting with a PC (Windows 7)</td>
</tr>
<tr>
<td><strong>BLUETOOTH connection (NFC)</strong></td>
</tr>
<tr>
<td>- Connecting with an NFC-compatible device by one touch (NFC)</td>
</tr>
<tr>
<td>- Disconnecting the NFC-compatible device by one touch (NFC)</td>
</tr>
<tr>
<td>- Switching devices by one touch (NFC)</td>
</tr>
<tr>
<td><strong>BLUETOOTH connection (with a paired device)</strong></td>
</tr>
<tr>
<td>- Connecting with a paired BLUETOOTH device</td>
</tr>
<tr>
<td>- Connecting with a paired PC (Windows 8.1)</td>
</tr>
<tr>
<td>- Connecting with a paired PC (Windows 7)</td>
</tr>
<tr>
<td><strong>USB device</strong></td>
</tr>
<tr>
<td>- Connecting a USB flash drive</td>
</tr>
<tr>
<td>- Connecting a Walkman</td>
</tr>
<tr>
<td><strong>AUDIO IN</strong></td>
</tr>
<tr>
<td>- Connecting to a portable audio device, etc.</td>
</tr>
<tr>
<td><strong>HDMI</strong></td>
</tr>
<tr>
<td>- Connecting to a TV</td>
</tr>
<tr>
<td><strong>Settings</strong></td>
</tr>
<tr>
<td><strong>Network</strong></td>
</tr>
<tr>
<td>- Setting your PC as a DLNA server and controller (Windows 8.1)</td>
</tr>
<tr>
<td>- Setting your PC for operating from a smartphone, iPhone, etc. as a controller (Windows 8.1)</td>
</tr>
<tr>
<td>Setting your PC as a DLNA server and controller (Windows 7)</td>
</tr>
<tr>
<td>-----------------------------------------------------------</td>
</tr>
<tr>
<td>BLUETOOTH</td>
</tr>
<tr>
<td>Selecting the BLUETOOTH audio streaming playback quality (Codec)</td>
</tr>
<tr>
<td>Listening</td>
</tr>
<tr>
<td>Network</td>
</tr>
<tr>
<td>Listening to music on a PC via a network (Windows 8.1) (Windows Media Player)</td>
</tr>
<tr>
<td>Listening to music on a PC via a network (Windows 7) (Windows Media Player)</td>
</tr>
<tr>
<td>Listening to music on a PC via a network (Media Go)</td>
</tr>
<tr>
<td>Listening to music on a PC via a network (Media Go with SongPal operation)</td>
</tr>
<tr>
<td>Listening to music with the Music application (Xperia)</td>
</tr>
<tr>
<td>Listening with multiple speakers (SongPal Link)</td>
</tr>
<tr>
<td>Listening to an Internet music service (Spotify)</td>
</tr>
<tr>
<td>BLUETOOTH</td>
</tr>
<tr>
<td>Listening to music on a device via a BLUETOOTH connection</td>
</tr>
<tr>
<td>Terminating the BLUETOOTH connection (After use)</td>
</tr>
<tr>
<td>USB</td>
</tr>
<tr>
<td>Listening to music on a USB flash drive</td>
</tr>
<tr>
<td>Listening to music on a Walkman</td>
</tr>
<tr>
<td>AUDIO IN</td>
</tr>
<tr>
<td>Listening to music on a portable audio device, etc.</td>
</tr>
<tr>
<td>HDMI</td>
</tr>
<tr>
<td>Listening to TV sound</td>
</tr>
<tr>
<td>Information</td>
</tr>
<tr>
<td>Specifications</td>
</tr>
<tr>
<td>About the indicators</td>
</tr>
<tr>
<td>Compatible devices and operating systems</td>
</tr>
<tr>
<td>Compatible iPhone/iPod touch models</td>
</tr>
<tr>
<td>Compatible Walkman models</td>
</tr>
<tr>
<td>Compatible operating systems (Windows)</td>
</tr>
</tbody>
</table>
Compatible operating systems (Mac)
Compatible DLNA devices
Compatible BLUETOOTH devices
Compatible USB devices

Software update

Updating the pre-installed software
Update method 1: Automatic update via the Internet
Update method 2: Manual update via the Internet
Update method 3: Manual update via a USB flash drive
Searching the latest software via a network connection
Manual update via a USB flash drive (when the update via a network has failed)

Wi-Fi signal strength

Checking the Wi-Fi signal strength (reception sensitivity)

About the standby mode

Standby mode differences

Notes on use

Precautions

What is BLUETOOTH wireless technology?

What is LDAC?

Trademarks

Important information on software

Notes on software

Support website

Customer support websites

Troubleshooting

What can I do to solve a problem?

Power supply

Unable to turn on the speaker
<table>
<thead>
<tr>
<th>Any button on the speaker cannot be operated</th>
</tr>
</thead>
<tbody>
<tr>
<td>The setup conditions of the speaker used last time are not retained</td>
</tr>
<tr>
<td>The speaker has entered the standby mode or BLUETOOTH/Network standby mode unexpectedly</td>
</tr>
<tr>
<td>The power indicator flashes in red</td>
</tr>
</tbody>
</table>

### Sound

<table>
<thead>
<tr>
<th>No sound/Sound from only one speaker/Low sound level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distorted sound/humming or noise from the speaker</td>
</tr>
</tbody>
</table>

### Network connection

<table>
<thead>
<tr>
<th>The speaker cannot connect to the network (Other equipment on the network cannot find or recognize the speaker)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unable to connect to a network via a Wi-Fi connection</td>
</tr>
<tr>
<td>Unable to connect to a network via a Wi-Fi connection (even though a correct SSID is selected)</td>
</tr>
<tr>
<td>The speaker cannot connect to a network using the UPDATE/WPS button</td>
</tr>
<tr>
<td>The speaker does not appear in the device list of the PC’s music playback application</td>
</tr>
<tr>
<td>The speaker does not appear in the device select screen of SongPal</td>
</tr>
<tr>
<td>The speaker cannot connect to music services</td>
</tr>
<tr>
<td>The controller cannot find the speaker (The controller cannot browse the contents of the speaker)</td>
</tr>
<tr>
<td>Music started automatically (home network)</td>
</tr>
<tr>
<td>The sound is interrupted</td>
</tr>
<tr>
<td>Playback does not start</td>
</tr>
</tbody>
</table>

### BLUETOOTH

<table>
<thead>
<tr>
<th>Smartphone, iPhone, etc. cannot be paired</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unable to connect the speaker to a BLUETOOTH device with One-touch (NFC)</td>
</tr>
<tr>
<td>There is no sound (BLUETOOTH)</td>
</tr>
<tr>
<td>Distorted sound/humming or noise from the speaker</td>
</tr>
</tbody>
</table>

### USB device

<table>
<thead>
<tr>
<th>An unsupported USB device is connected</th>
</tr>
</thead>
<tbody>
<tr>
<td>There is no sound (USB)</td>
</tr>
<tr>
<td>There is noise, skipping, or distorted sound</td>
</tr>
<tr>
<td>A USB device is not recognized</td>
</tr>
</tbody>
</table>
Playback does not start

Playback does not start from the first track

Software update

Updating the pre-installed software

Update method 1: Automatic update via the Internet

Update method 2: Manual update via the Internet

Update method 3: Manual update via a USB flash drive

Searching the latest software via a network connection

Manual update via a USB flash drive (when the update via a network has failed)

Reset

Initializing the speaker

Disposal and transfer

Disposing of or giving away this speaker
# Table Of Contents

Help Guide SRS-ZR5.................................................................................................................................i
Connecting to a wired network.........................................................................................................................1
Connecting the speaker to a Wi-Fi network using a PC connected wirelessly (Modern UI).................................3
Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8.1).........................7
Connecting to a Wi-Fi network using a PC connected wirelessly (Mac).........................................................11
Connecting to a Wi-Fi network using an iPhone/iPod touch.......................................................................15
Listening to music from an Internet streaming service (Google Cast).......................................................18
Listening with multiple speakers (SongPal Link).......................................................................................21
Connecting a USB flash drive.......................................................................................................................23
Connecting a Walkman................................................................................................................................24
Connecting to a TV......................................................................................................................................25
Connecting to a portable audio device, etc..................................................................................................26
Getting Started...........................................................................................................................................iii
What you can do with the speaker..................................................................................................................27
Parts and controls.........................................................................................................................................28
Mounting the speaker on a wall....................................................................................................................32
Included items..............................................................................................................................................iii
  Checking the included items.......................................................................................................................33
Power source................................................................................................................................................iii
  Connecting to an AC outlet..........................................................................................................................34
  Turning the power on................................................................................................................................35
  Turning the power off (standby mode).......................................................................................................36
  Using the BLUETOOTH/Network standby mode....................................................................................37
  Auto standby mode....................................................................................................................................39
SongPal........................................................................................................................................................iii
About SongPal................................................................................................................................................iii
  How to use the SongPal screen..................................................................................................................40
  What you can do with SongPal..................................................................................................................42
Wi-Fi network connection................................................................................................................................iii
  Connecting to a Wi-Fi network using SongPal (Smartphone)..................................................................43
  Connecting to a Wi-Fi network using SongPal (iPhone/iPod touch).......................................................49
Device control................................................................................................................................................iii
  Listening to music on a PC via a Wi-Fi network......................................................................................54
  Listening to music on a smartphone, iPhone, etc. via a Wi-Fi network..................................................56
  Listening to music on a device via a USB connection...........................................................................58
Speaker settings..............................................................................................................................................iv
Setting the sound quality.................................................................60
Setting the auto standby mode..........................................................62
Setting the BLUETOOTH/Network standby mode..............................64
Setting the BLUETOOTH audio streaming playback quality (Codec)............66
Listening to music on a PC.................................................................iv
Without a Wi-Fi network......................................................................iv
Connecting via a LAN cable...............................................................68
Making a wireless connection (BLUETOOTH connection).......................69
With a Wi-Fi network..........................................................................iv
Using Media Go.................................................................................70
Using Windows Media Player (Windows 7 or later).................................71
Using other music playback software..................................................72
Listening to music on a smartphone such as an Xperia or Walkman equipped
with Android......................................................................................iv
Without a Wi-Fi network......................................................................iv
Making a wireless connection (BLUETOOTH connection).......................73
Connecting via an audio cable (with stereo mini plugs)..........................74
With a Wi-Fi network..........................................................................iv
Using the Music application (Xperia only)............................................75
Using SongPal....................................................................................76
Listening to music on an iPhone/iPod....................................................iv
Without a Wi-Fi network......................................................................iv
Making a wireless connection (BLUETOOTH connection).......................77
Connecting via an audio cable (with stereo mini plugs)..........................78
With a Wi-Fi network..........................................................................iv
Using SongPal....................................................................................79
Listening to music on a Walkman........................................................iv
Making a wireless connection (BLUETOOTH connection).......................80
Connecting a USB cable.....................................................................81
Connecting via an audio cable (with stereo mini plugs)..........................82
Listening to music on a USB flash drive...............................................v
Using SongPal....................................................................................83
Listening to music from an Internet music service...................................v
Without a Wi-Fi network (PC).............................................................v
Connecting via a LAN cable...............................................................84
Making a wireless connection (BLUETOOTH connection).......................85
Without a Wi-Fi network (Smartphone)...............................................v
Making a wireless connection (BLUETOOTH connection).......................86
With a Wi-Fi network..........................................................................v
Using SongPal (Google Cast)............................................................87
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connecting a HDMI cable</td>
<td>88</td>
</tr>
<tr>
<td>Listening sound from a TV</td>
<td>v</td>
</tr>
<tr>
<td>Connecting a HDMI cable</td>
<td>v</td>
</tr>
<tr>
<td>Connections</td>
<td>v</td>
</tr>
<tr>
<td>Wi-Fi network connection</td>
<td>v</td>
</tr>
<tr>
<td>Selecting the Wi-Fi network connection method</td>
<td>89</td>
</tr>
<tr>
<td>DLNA (Digital Living Network Alliance)</td>
<td>91</td>
</tr>
<tr>
<td>Connecting to a Wi-Fi network using the Wi-Fi Protected Setup (WPS) button of the wireless router</td>
<td>92</td>
</tr>
<tr>
<td>Connecting to a Wi-Fi network using a PC connected with a LAN cable</td>
<td>94</td>
</tr>
<tr>
<td>Disabling the Wi-Fi network function and BLUETOOTH network function</td>
<td>97</td>
</tr>
<tr>
<td>Wired network connection</td>
<td>v</td>
</tr>
<tr>
<td>Selecting the wired network connection method</td>
<td>98</td>
</tr>
<tr>
<td>DLNA (Digital Living Network Alliance)</td>
<td>99</td>
</tr>
<tr>
<td>Connecting to a wired network</td>
<td>1</td>
</tr>
<tr>
<td>Wireless Surround/Wireless Stereo connection</td>
<td>vi</td>
</tr>
<tr>
<td>Using this speaker as a rear speaker (Wireless Surround)</td>
<td>100</td>
</tr>
<tr>
<td>Connecting two speakers (Wireless Stereo)</td>
<td>103</td>
</tr>
<tr>
<td>BLUETOOTH connection (pairing)</td>
<td>vi</td>
</tr>
<tr>
<td>How to make a wireless connection with BLUETOOTH devices</td>
<td>106</td>
</tr>
<tr>
<td>Pairing and connecting with a BLUETOOTH device</td>
<td>108</td>
</tr>
<tr>
<td>Pairing and connecting with a PC (Windows 8.1)</td>
<td>111</td>
</tr>
<tr>
<td>Pairing and connecting with a PC (Windows 7)</td>
<td>119</td>
</tr>
<tr>
<td>BLUETOOTH connection (with a paired device)</td>
<td>vi</td>
</tr>
<tr>
<td>Connecting with a paired BLUETOOTH device</td>
<td>130</td>
</tr>
<tr>
<td>Connecting with a paired PC (Windows 8.1)</td>
<td>132</td>
</tr>
<tr>
<td>Connecting with a paired PC (Windows 7)</td>
<td>137</td>
</tr>
<tr>
<td>USB device</td>
<td>vi</td>
</tr>
<tr>
<td>Connecting a USB flash drive</td>
<td>23</td>
</tr>
<tr>
<td>Connecting a Walkman</td>
<td>24</td>
</tr>
<tr>
<td>AUDIO IN</td>
<td>vi</td>
</tr>
<tr>
<td>Connecting to a portable audio device, etc.</td>
<td>26</td>
</tr>
<tr>
<td>HDMI</td>
<td>vi</td>
</tr>
<tr>
<td>Connecting to a TV</td>
<td>25</td>
</tr>
<tr>
<td>Settings</td>
<td>vi</td>
</tr>
<tr>
<td>Network</td>
<td>vi</td>
</tr>
<tr>
<td>Setting your PC as a DLNA server and controller (Windows 8.1)</td>
<td>141</td>
</tr>
<tr>
<td>Setting your PC for operating from a smartphone, iPhone, etc. as a controller (Windows 8.1)</td>
<td>144</td>
</tr>
<tr>
<td>Setting your PC as a DLNA server and controller (Windows 7)</td>
<td>147</td>
</tr>
</tbody>
</table>
BLUETOOTH.............................................................................................................................vii
Selecting the BLUETOOTH audio streaming playback quality (Codec)...........................................150
Listening...........................................................................................................................................vii
Network.............................................................................................................................................vii
  Listening to music on a PC via a network (Windows 8.1) (Windows Media Player)..............................152
  Listening to music on a PC via a network (Windows 7) (Windows Media Player).................................155
  Listening to music on a PC via a network (Media Go).................................................................158
  Listening to music on a PC via a network (Media Go with SongPal operation).....................................161
  Listening to music with the Music application (Xperia).........................................................................166
  Listening to an Internet music service (Spotify).....................................................................................168
BLUETOOTH......................................................................................................................................vii
  Listening to music on a device via a BLUETOOTH connection.........................................................170
  Terminating the BLUETOOTH connection (After use)......................................................................172
USB....................................................................................................................................................vii
  Listening to music on a USB flash drive..............................................................................................173
  Listening to music on a Walkman.........................................................................................................175
AUDIO IN.............................................................................................................................................vii
  Listening to music on a portable audio device, etc..................................................................................177
HDMI....................................................................................................................................................vii
  Listening to TV sound...........................................................................................................................179
Information...........................................................................................................................................vii
Specifications.........................................................................................................................................180
About the indicators................................................................................................................................182
Compatible devices and operating systems............................................................................................vii
  Compatible iPhone/iPod touch models.................................................................................................184
  Compatible Walkman models.................................................................................................................185
  Compatible operating systems (Windows)..............................................................................................186
  Compatible operating systems (Mac).......................................................................................................187
  Compatible DLNA devices......................................................................................................................188
  Compatible BLUETOOTH devices..........................................................................................................189
  Compatible USB devices..........................................................................................................................190
Software update.......................................................................................................................................viii
  Updating the pre-installed software.......................................................................................................191
  Update method 1: Automatic update via the Internet...........................................................................192
  Update method 2: Manual update via the Internet...............................................................................194
  Update method 3: Manual update via a USB flash drive....................................................................196
  Searching the latest software via a network connection.................................................................198
  Manual update via a USB flash drive (when the update via a network has
Manual update via a USB flash drive (when the update via a network has failed)...200
Wi-Fi signal strength..................................................................................................................................................viii
  Checking the Wi-Fi signal strength (reception sensitivity)...202
About the standby mode..................................................................................................................................................viii
  Standby mode differences.......................................................................................................................................204
Notes on use...............................................................................................................................................................viii
  Precautions.........................................................................................................................................................205
  What is BLUETOOTH wireless technology?........................................................................................................206
  What is LDAC?......................................................................................................................................................208
Trademarks.................................................................................................................................................................209
Important information on software............................................................................................................................210
Notes on software.....................................................................................................................................................211
Support website..........................................................................................................................................................viii
  Customer support websites.................................................................................................................................212
Troubleshooting........................................................................................................................................................viii
What can I do to solve a problem?.............................................................................................................................213
Power supply...............................................................................................................................................................viii
  Unable to turn on the speaker...............................................................................................................................214
  Any button on the speaker cannot be operated....................................................................................................215
  The setup conditions of the speaker used last time are not retained...............................................................216
  The speaker has entered the standby mode or BLUETOOTH/Network standby mode unexpectedly.............217
  The power indicator flashes in red........................................................................................................................218
Sound..........................................................................................................................................................................ix
  No sound/Sound from only one speaker/Low sound level..................................................................................219
  Distorted sound/humming or noise from the speaker..........................................................................................220
Network connection.....................................................................................................................................................ix
  The speaker cannot connect to the network (Other equipment on the network cannot find or recognize the speaker)...........................................................................................................................221
  Unable to connect to a network via a Wi-Fi connection.....................................................................................222
  Unable to connect to a network via a Wi-Fi connection (even though a correct SSID is selected).................223
  The speaker cannot connect to a network using the UPDATE/WPS button....................................................224
  The speaker does not appear in the device list of the PC’s music playback application....................................225
  The speaker does not appear in the device select screen of SongPal...............................................................226
  The speaker cannot connect to music services.................................................................................................228
  The controller cannot find the speaker (The controller cannot browse the contents of the speaker).............229
Music started automatically (home network)..................................................230
The sound is interrupted..............................................................................231
Playback does not start..............................................................................232

BLUETOOTH.............................................................................ix
Smartphone, iPhone, etc. cannot be paired..................................................233
Unable to connect the speaker to a BLUETOOTH device with One-touch (NFC).........................................................................................234
There is no sound (BLUETOOTH)...............................................................235
Distorted sound/humming or noise from the speaker.................................236

USB device..................................................................................ix
An unsupported USB device is connected..................................................237
There is no sound (USB)...........................................................................238
There is noise, skipping, or distorted sound................................................239
A USB device is not recognized.................................................................240
Playback does not start...........................................................................241
Playback does not start from the first track..............................................242

Software update..................................................................................x
Updating the pre-installed software............................................................191
Update method 1: Automatic update via the Internet....................................192
Update method 2: Manual update via the Internet........................................194
Update method 3: Manual update via a USB flash drive.............................196
Searching the latest software via a network connection.............................198
Manual update via a USB flash drive (when the update via a network has failed)......................................................................................200

Reset........................................................................................................x
Initializing the speaker..............................................................................243

Disposal and transfer..............................................................................x
Disposing of or giving away this speaker..................................................244
Connecting to a wired network

This section explains how to connect the speaker to a wireless router with a commercially-available LAN cable, then how to connect the router to the PC.
Usually the DHCP setting is set to ON when you connect your PC to the network.
Do the following before starting.

1. Set the DHCP setting of your PC to ON.

2. Check that your PC and wireless router are turned on.

3. Connect the wireless router to the LAN port with a commercially-available LAN cable.

4. Connect the wireless router to your PC using another commercially-available LAN cable, or a Wi-Fi connection.

4. Turn the speaker on.

The (power) indicator lights up in green, then the LINK indicator begins to flash in pink. Wait about a minute until the LINK indicator lights up in pink. When the connection is completed, the LINK indicator changes from flashing to staying lit in pink.
**Note**
- When you connect the speaker to a network for the first time after purchase, or after you initialize the speaker, the BLUETOOTH/Network standby function is turned on automatically.

**Hint**
- When you connect the speaker to a PC for the first time, it takes about four or five minutes until the LINK indicator stops flashing and stays lit in pink.

**Related Topic**
- Using the BLUETOOTH/Network standby mode
Connecting the speaker to a Wi-Fi network using a PC connected wirelessly (Modern UI)

Note that the speaker should be initialized to the factory default for this connection. All BLUETOOTH device registration (pairing) information is deleted. To use the BLUETOOTH connection after that, delete all pairing information on the iPhone/iPod touch, and then set pairing again.

This section describes how to connect a Modern UI PC and the speaker wirelessly, then how to connect the speaker to a wireless router, using the PC.

Do the following before starting.

1. Disconnect the LAN cable (not supplied) from the speaker.
2. Place the speaker closer to the wireless router.
3. Locate the SSID (the name of a wireless network) and encryption key (WEP or WPA), which are required to set up a Wi-Fi network. The encryption key restricts access to devices on a network. It is used to make more secure communication between the devices connected to wireless routers or access points.

1 Have the Wi-Fi network name (SSID) and password (encryption key) of the wireless router available for reference.

For details, refer to the operating instructions supplied with your wireless router.

2 With the speaker turned on, press and hold the – (volume) button and the (power)/PAIRING button at the same time for more than 4 seconds to initialize the settings of the speaker.

The power of the speaker turns off automatically. The settings of the speaker return to their factory defaults, and network settings and all BLUETOOTH device registration (pairing) information are deleted.

3 Turn on the speaker.
4 Connect the speaker to the PC.

1. Move the mouse pointer to the top-right (or bottom-right) corner of the Start screen to display the charms, then select [Settings]. In the case of a touch panel, display the charms by swiping from the right side of the screen to the center, then select [Settings].

2. Select or 三.

5 Display the [Sony Network Device Settings] screen.

1. Launch a browser (Internet Explorer, etc.).
2. Enter the following URL in the address bar.

http://192.168.211.129

6 Select [Network Settings] from the menu.

7 Enter the SSID of the wireless router and the password (encryption key).
8 Select [Apply].

9 Check that the LINK indicator lights up in orange.

When the Wi-Fi connection is completed, the LINK indicator lights up in orange. It may take more than a minute for the LINK indicator to light up.

The connection is complete.

10 Connect the PC to the wireless router to be used.
**Hint**
- If you want to set a fixed IP address, set in the screen in step 7 above.
- When the connection of the speaker to your Wi-Fi network has completed, connect your PC to the previous destination or your wireless router.

**Note**
- This procedure needs to be completed within 30 minutes. If you cannot complete within 30 minutes, start over from step 2.
- Until you finish the Wi-Fi network setting, it will not be protected. The Wi-Fi network will be protected again after setting the Wi-Fi security.
- When you connect the speaker to a Wi-Fi network for the first time after purchase, the BLUETOOTH/Network standby mode is turned on automatically.
Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8.1)

Note that the speaker should be initialized to the factory default for this connection. All BLUETOOTH device registration (pairing) information is deleted. To use the BLUETOOTH connection after that, delete all pairing information on the iPhone/iPod touch, and then set pairing again.

This section describes how to connect a Windows 7 or Windows 8.1 PC and the speaker wirelessly, then how to connect the speaker to a wireless router using the PC.

Do the following before starting.

- Disconnect the LAN cable (not supplied) from the speaker.
- Place the speaker closer to the wireless router.
- Locate the SSID (the name of a wireless network) and encryption key (WEP or WPA), which are required to set up a Wi-Fi network. The encryption key restricts access to devices on a network. It is used to make more secure communication between the devices connected to wireless routers and access points.

1. **Have the Wi-Fi network name (SSID) and password (encryption key) of the wireless router available for reference.**

   For details, refer to the operating instructions supplied with your wireless router.

2. **With the speaker turned on, press and hold the – (volume) button and the ◆ (power)/ ◄ PAIRING button at the same time for more than 4 seconds to initialize the settings of the speaker.**

   ![Speaker and buttons](image)

   The power of the speaker turns off automatically. The settings of the speaker return to their factory defaults, and network settings and all BLUETOOTH device registration (pairing) information are deleted.

3. **Turn on the speaker.**
4 Connect the speaker to the PC.
   1. For Windows 8.1, click or tap the desktop on the Start screen.
   2. Select [ ] or [ ] on the right-bottom of the screen.

5 Display the [Sony Network Device Settings] screen.
   1. Launch a browser (Internet Explorer, etc.).
   2. Enter the following URL in the address bar.
      \[http://192.168.211.129\]

6 Select [Network Settings] from the menu.

7 Enter the SSID of the wireless router and the password (encryption key).

8 Select [Apply].
9 **Check that the LINK indicator lights up in orange.**

When the Wi-Fi connection is completed, the LINK indicator lights up in orange. It may take more than a minute for the LINK indicator to light up.

The connection is complete.

10 **Connect the PC to the wireless router to be used.**

**Hint**

- If you want to set a fixed IP address, set in the screen in step 7 above.
- When the connection of the speaker to your Wi-Fi network has completed, connect your PC to the previous destination or your wireless router.

**Note**

- This procedure needs to be completed within 30 minutes. If you cannot complete within 30 minutes, start over from step 3.
- Until you finish the Wi-Fi network setting, it will not be protected. The Wi-Fi network will be protected again after setting the Wi-Fi security.
- When you connect the speaker to a Wi-Fi network for the first time after purchase, the BLUETOOTH/Network standby mode is turned on automatically.
Related Topic

- Using the BLUETOOTH/Network standby mode
Connecting to a Wi-Fi network using a PC connected wirelessly (Mac)

Note that the speaker should be initialized to the factory default for this connection. All BLUETOOTH device registration (pairing) information is deleted. To use the BLUETOOTH connection after that, delete all pairing information on the iPhone/iPod touch, and then set pairing again.

This section describes how to connect a Mac and the speaker wirelessly, then how to connect the speaker to a wireless router, using the Mac.

Do the following before starting.

- Disconnect the LAN cable (not supplied) from the speaker.
- Place the speaker closer to the wireless router.
- Locate the SSID (the name of a wireless network) and encryption key (WEP or WPA), which are required to set up a Wi-Fi network. The encryption key restricts access to devices on a network. It is used to make more secure communication between the devices connected to wireless routers and access points.

1. **Have the Wi-Fi network name (SSID) and password (encryption key) of the wireless router available for reference.**
   
   For details, refer to the operating instructions supplied with your wireless router.

2. **With the speaker turned on, press and hold the – (volume) button and the (power)/PAIRING button at the same time for more than 4 seconds to initialize the settings of the speaker.**

   ![Speaker Initialization](image)

   The power of the speaker turns off automatically. The settings of the speaker return to their factory defaults, and network settings and all BLUETOOTH device registration (pairing) information are deleted.

3. **Turn on the speaker.**

4. **Connect the speaker to the Mac.**
1. Click at the top of the screen.
2. Select [Open Network Preferences...].

5. **Display the [Sony Network Device Settings] screen.**

   1. Launch a browser (Safari, etc.).
   2. Enter the following URL in the address bar.

      `http://192.168.211.129`

6. **Select [Network Settings] from the menu.**

7. **Enter the SSID of the wireless router and the password.**

8. **Select [Apply].**
9 **Check that the LINK indicator lights up in orange.**

When the Wi-Fi connection is completed, the LINK indicator lights up in orange. It may take more than a minute for the LINK indicator to light up.

The connection is complete.

10 **Connect the PC to the wireless router to be used.**

**Hint**
- If you want to set a fixed IP address, set in the screen in step 7 above.
- When the connection of the speaker to your Wi-Fi network has completed, connect your PC to the previous destination or your wireless router.

**Note**
- This procedure needs to be completed within 30 minutes. If you cannot complete within 30 minutes, start over from step 7.
- Until you finish the Wi-Fi network setting, it will not be protected. The Wi-Fi network will be protected again after setting the Wi-Fi security.
- When you connect the speaker to a Wi-Fi network for the first time after purchase, the BLUETOOTH/Network standby mode is turned on automatically.
Related Topic

- Using the BLUETOOTH/Network standby mode
Connecting to a Wi-Fi network using an iPhone/iPod touch

Note that the speaker should be initialized to the factory default for this connection. All BLUETOOTH device registration (pairing) information is deleted. To use the BLUETOOTH connection after that, delete all pairing information on the iPhone/iPod touch, and then set pairing again.

If the iPhone/iPod touch is iOS 8 or later, the speaker can be connected to the same Wi-Fi network. The Wi-Fi network settings of the speaker are made by the iPhone/iPod touch.

Do the following before starting.

- Disconnect the LAN cable (not supplied) from the speaker.
- Place the speaker near the wireless router and the iPhone/iPod touch.
- Make sure that the iPhone/iPod touch is updated to iOS 8 or later.

1 Connect an iPhone/iPod touch to the wireless router.

Connect it to 2.4 GHz band (11b, 11g, and 11n) or 5 GHz band (11a and 11n). The speaker does not support IEEE 802.11ac.

2 With the speaker turned on, press and hold the – (volume) button and the (power)/PAIRING button at the same time for more than 4 seconds to initialize the settings of the speaker.
The power of the speaker turns off automatically. The settings of the speaker return to their factory defaults, and network settings and all BLUETOOTH device registration (pairing) information are deleted.

3 **Turn on the speaker.**

4 **Search for the speaker on the iPhone/iPod touch.**

   1. Tap [Settings].
   2. Tap [SRS-ZR5] from the list.

   ![Settings](image)

   ![SRS-ZR5](image)

5 **Perform the Wi-Fi network settings on the iPhone/iPod touch.**

   Follow the instructions on the screen.

6 **Check that the LINK indicator lights up in orange.**

   When the speaker is connected to the same Wi-Fi network as the iPhone/iPod touch, the LINK indicator lights up in orange. It may take more than a minute for the LINK indicator to light up.
The connection is complete.

**Note**
- This procedure needs to be completed within 30 minutes. If you cannot complete within 30 minutes, start over from step 3.
- Until you finish the Wi-Fi network setting, it will not be protected. The Wi-Fi network will be protected again after setting the Wi-Fi security.
- When you connect the speaker to a Wi-Fi network for the first time after purchase, the BLUETOOTH/Network standby mode is turned on automatically.

**Related Topic**
- Using the BLUETOOTH/Network standby mode
Listening to music from an Internet streaming service (Google Cast)

You can enjoy music from various streaming services offered on the internet via your smartphone, iPhone, etc. with SongPal installed.
You need to download a Google Cast-enabled music service app.
If you have already installed a Google Cast enabled music application, go to step 7. If you have not yet set up Google Cast, follow the steps below.
For details about Google Cast, refer to the following URL:
http://www.google.com/cast/audio/learn/
The specification and design of the application may change without notice.

1 Tap [SongPal] on your smartphone, iPhone, etc. to start up the application.

2 Tap [SRS-ZR5].

3 Tap [Settings].
4 Tap [Google Cast].

5 Tap [Learn how to cast].

6 See the instructions, then find and install a Google Cast-enabled app on your smartphone/iPhone.

7 Launch the Google Cast-enabled app.

8 Tap the Cast button, and then tap [SRS-ZR5].

9 Select and start playback a track on the Google Cast-enabled app, and adjust the volume. Music will be heard from the speaker.
Note

- Depending on the country or region, music services and their period of availability may differ. Separate registration is required for certain services. An update of the device may be required.
- In some cases, the speaker may need to be activated by a music service. If you activated the speaker, you can use music services. Follow the instructions on the music service’s application or SongPal.
- Services offered by third parties may be changed, suspended, or terminated without prior notice. Sony bears no responsibility for this.

Related Topic

- What you can do with SongPal
Listening with multiple speakers (SongPal Link)

You can enjoy listening to your favorite music in various styles by wireless speaker combinations.

Compatible models

For more details about SongPal Link and compatible models for Wireless Surround and Wireless Stereo functions, refer to the following URL.
http://sony.net/nasite/

SongPal Link features

The Wireless Multi-room function, Wireless Surround function, and Wireless Stereo function are available. To switch between functions, cancel the function you are using, and then operate for the other function. To cancel a function, operate on SongPal. For the Wireless Surround function or Wireless Stereo function, you can also cancel the function by pressing and holding the SET UP button on the rear of the speaker until a beep is heard. The L/R indicators turn off, and the function is canceled. The grouping is also canceled.

Note

- To play back music stored on a PC, the server (DMS) function is required on the PC. For more information, refer to the operating instructions for the PC.

- Only music files on the server device of the home network can be played back. Sound from video files cannot be played back.

Playing music in more than one room at the same time (Wireless Multi-room)

By grouping speakers, you can fill your rooms with same music simultaneously. For music stored on a PC or NAS, you can also listen to different songs from each speaker.
You can save the settings of your favorite speaker group.
For more details on the Wireless Multi-room function (such as grouping and group playback), refer to the following URL.
* Different songs stored on a smartphone or tablet cannot be output from each speaker.
http://info.songpal.sony.net/help/

**Wireless Multi-room**

**Using the speaker as a rear speaker (Wireless Surround)**

Enjoy even greater surround sound with additional speakers.
For more details, see "Using this speaker as a rear speaker (Wireless Surround)."

**Using two speakers (Wireless Stereo)**

Pair two speakers together to create wider, stereo sound.
For more details, see "Connecting two speakers (Wireless Stereo)."

**Related Topic**

- Using this speaker as a rear speaker (Wireless Surround)
- Connecting two speakers (Wireless Stereo)
Connecting a USB flash drive

You can connect a USB flash drive to the USB port (.Connect) directly. You can also use a commercially-available USB cable to connect a USB device. Music stored in a USB flash drive connected to the USB port (.Connect) can be played back with a smartphone, iPhone, etc. that has SongPal installed.

1. Connect a USB flash drive to the USB port (.Connect).

**Note**

- Do not disconnect a USB flash drive during operation. To prevent damage to data, stop playback, then turn off the power of the speaker before disconnecting the USB flash drive.
- Sony is not responsible for any loss or damage to data in a USB flash drive that is connected to the speaker.
- Sony does not guarantee correct operation when a USB hub or USB extension cable is used.

**Related Topic**

- Listening to music on a USB flash drive
- Listening to music on a device via a USB connection
Connecting a Walkman

You can listen to music on a Walkman by connecting it to the USB port ( Conn.) with the USB cable supplied with the Walkman.

1. Connect the Walkman to the USB port ( Conn.) with the USB cable supplied with the Walkman.

**Note**
- If the Walkman does not have a WM-PORT (22 pin), connect it to the AUDIO IN jack with a commercially-available audio cable.
- Files imported by x-app. cannot be played back. Connect the Walkman to the AUDIO IN jack of the speaker, and play back these files on the AUDIO IN mode.
- Sony is not responsible for any loss of data stored in a Walkman that is connected to the speaker.

**Related Topic**
- Listening to music on a Walkman
- Listening to music on a device via a USB connection
Connecting to a TV

Use a High Speed Type HDMI cable (not supplied) to listen to TV sound from the speaker.

1. **Connect a High Speed Type HDMI cable to the HDMI ARC TO TV port on the speaker and the HDMI IN ARC port on your TV.**

**Hint**
- If the HDMI port on your TV is supported with ARC (Audio Return Channel), “ARC” is indicated on the HDMI port.
- ARC is a feature to send TV sound from the HDMI input port of a TV to an AV device using the HDMI cable.

**Note**
- If the speaker is connected to the HDMI port which is not supported with ARC, you cannot listen to TV sound from the speaker.
- If the speaker is connected to the HDMI port of a device other than a TV, you cannot listen sound from the speaker.
Connecting to a portable audio device, etc.

Be sure to turn off the power of the device before making any connections.

1 Connect a device to the AUDIO IN jack with a commercially-available audio cable (with stereo mini plugs).

* If you use a cable (with stereo mini plugs) with significant resistance, the sound may be lower. Therefore make sure you use a cable (with stereo mini plugs) with low resistivity.

Related Topic

- Listening to music on a portable audio device, etc.
What you can do with the speaker

- Music playback via a wireless connection (DLNA/BLUETOOTH)
- Music service support
  Music services and their period of availability may differ. An update of the speaker may be required. Services offered by third parties may be changed, suspended, or terminated without prior notice. Sony does not bear any responsibility for such situations.
- BLUETOOTH supported codec: SBC (Subband Codec) / AAC (Advanced Audio Coding) / LDAC
- By connecting the speaker to a HDMI port supported with ARC on a TV via a HDMI cable (not supplied), you can listen to TV sound from the speaker.
- The USB port supports playback from a USB flash drive.
- Easy operation from your smartphone and tablet
- Compatible with DSEE
- Compatible with ClearAudio+
- Tap operation

*1 Audio signal compression and conversion format
*2 Only when SongPal is installed on your device
Parts and controls

Top

1. Pairing
2. Volume down
3. Volume up
4. Link L R
5. Update
6. Network
7. Bluetooth
8. HDMI
9. USB
10. Audio In

Rear
1. **(power)/PAIRING button/indicator**
   - Press to turn the speaker’s power on and off (standby mode).
   - While the speaker is turned on, press and hold until the beep sounds. The speaker is then in the pairing mode for the BLUETOOTH connection.

2. **-/+ (volume) buttons**
   
   Touch to adjust the volume. The **(power)** indicator flashes according to the volume adjustment when touched.

3. **FUNCTION button**

   Touch to change the speaker modes in the following order:
   
   AUDIO IN ➔ NETWORK ➔ BLUETOOTH ➔ HDMI ➔ USB ➔ AUDIO IN ➔ NETWORK ➔ ...

4. **L(left)/R(right) indicators**

   Lights up or flashes depending on the status of the speaker while the Wireless Surround function*1 or Wireless Stereo function*1 is on.

5. **LINK indicator**

   Indicates the status of the speaker’s network connection.
6. UPDATE indicator
   Lights up or flashes depending on the status of the speaker’s software update.

7. NETWORK indicator
   Lights up while in the network mode, or depending on the receiving service.

8. BLUETOOTH indicator
   Lights up or flashes while in the BLUETOOTH mode to indicate the status of the BLUETOOTH connection.

9. HDMI indicator
   Lights up while in the HDMI mode.

10. USB indicator
    * Lights up while in the USB mode.

11. AUDIO IN indicator
    * Lights up while in the AUDIO IN mode.

12. N-Mark
    * If your connecting device such as a smartphone is NFC-compatible, touch it on the N-Mark of the speaker. The speaker will automatically turn on, register (pair) with the device, and make a BLUETOOTH connection.

13. USB port ()
    * Connect to the USB flash drive. If you connect to the Walkman, etc., use the cable supplied with the device.

14. AUDIO IN port
    * Connect to the headphone jack of a portable audio device, etc., using a commercially-available audio cable (with stereo mini plugs).

15. UPDATE/WPS button
    * After pressing and holding for 2 seconds while the indicator is lit, the software update starts after the beep sounds from the speaker.
    * If your wireless router has a Wi-Fi Protected Setup™ (WPS) button *3, you can use this button to connect to the network. After pressing and holding for two seconds, the speaker is ready to connect to a wireless router after the beep sound from the speaker *4.

16. SET UP button
    * Press to use the Wireless Surround function *1 or Wireless Stereo function *1 for combining the speaker and other audio devices.

17. STEREO PAIR button
    * Press to use the Wireless Stereo function *1 for combining two speakers.

18. AC IN jack
    * Connect the supplied AC cable.

19. LAN port
Connect to a PC or wireless router using a commercially-available LAN cable.

20 **HDMI ARC TO TV port**

Connect to the HDMI IN ARC port*2 on your TV with using the commercially-available HDMI cable.

21 **Screw holes for wall mounting**

Use for wall mounting the speaker with using the mount bracket (not supplied).

*1 Available when updating your speaker's pre-installed software. For more details, refer to the following URL.
http://sony.net/nasite

*2 "ARC" indicates for the HDMI ARC port on your TV.

*3 If your wireless router has a Wi-Fi Protected Setup™(WPS) button (AOSS), you can connect to the Wi-Fi network by this method. For details, refer to the operating instructions supplied with your wireless router.

*4 Not available while the UPDATE indicator is lit
Mounting the speaker on a wall

- Have the installation done by a Sony dealer or licensed contractor and pay special attention to safety during the installation.
- Prepare the wall mount bracket (not supplied) and screws (not supplied) that are suitable for the wall material and strength when you mount the unit on the wall. As a plasterboard wall is especially fragile, attach the bracket and screws securely in the wall beam. Install the speakers horizontally, hung by screws in studs in a continuous flat section of the wall.
- Sony shall not be held responsible for accidents or damage caused by improper installation, insufficient wall strength, improper screw installation or natural disaster, etc.
- Keep enough space behind the unit when you mount the unit on a wall. If you use the HDMI ARC TO port, USB port, or AUDIO IN jack, adjust the space between the wall and the unit to avoid touching a connecting cable or USB flash drive to the wall.
- When connecting a bar speaker mounted on a wall to the HDMI ARC TO port, use a High-speed HDMI swivel cable.
- If the wall mount bracket (not supplied) is not found at your nearest store, ask to the Sony dealer or store where you have purchased this unit.

1 Prepare a screw to match to the screw hole for wall mounting on the rear of this unit.

![Diagram of screw hole and measurements]

A: Screw hole
B: 1/4 inches
C: 12 mm (15/32 in) or longer
Checking the included items

After unpacking, check that all items in the list below are included. If any items are missing, contact your dealer. The number in ( ) indicates the quantity.

- Personal audio system (SRS-ZR5) (1)
- AC power cord *
- Conversion adaptor *
- Operating Instructions (Warranty Card *)
  Provides important safety information, BLUETOOTH connection method, troubleshooting, etc.
- Reference Guide *
  Provides important safety information.
- Warranty card *

* Depending on your region/country
Connecting to an AC outlet

You can operate the speaker by connecting to the AC outlet with the supplied AC power cord.

1 Connect the supplied AC power cord to the AC IN terminal of the speaker.

2 Connect the AC power cord to the AC outlet.

If a conversion adaptor is supplied

According your country or region, connect the conversion adaptor to the AC power cord.
Turning the power on

1 Press the (power)/PAIRING button.

The (power) indicator lights up in green.

Hint

- The LINK indicator may also begin to flash when the speaker is turned on.
- It may take a while before the speaker turns on.
- When you turn on the speaker in the BLUETOOTH/Network standby mode, the start-up time becomes shorter and the speaker will become operational sooner, than when you turn on the speaker in standby mode.

To turn on the BLUETOOTH/Network standby mode, turn on the speaker, then press and hold the (power)/PAIRING button and the FUNCTION button on the top until the (power) indicator lights up in orange.

Related Topic

- Turning the power off (standby mode)
- About the indicators
- Using the BLUETOOTH/Network standby mode
Turning the power off (standby mode)

1 Press the (power)/PAIRING button.

The (power) indicator flashes slowly in green. When the indicator turns off, the speaker enters the standby mode.

Hint
- If you turn off the speaker while the BLUETOOTH/Network standby mode is on, the (power) indicator lights up in orange and the speaker enters the BLUETOOTH/Network standby mode.

Note
- If you turn off the speaker while the LINK indicator is flashing, the (power) indicator may flash for several tens of seconds. This is not a malfunction. Wait until the indicator stops flashing. While the (power) indicator is flashing, the speaker is not operational. Wait until the indicator stays lit.

Related Topic
- Using the BLUETOOTH/Network standby mode
- Auto standby mode
- Standby mode differences
Using the BLUETOOTH/Network standby mode

If the BLUETOOTH/Network standby mode is on, the speaker turns on when a BLUETOOTH device or network device is operated. The BLUETOOTH or network connection then starts. When you turn on the speaker in the BLUETOOTH/Network standby mode, the start-up time becomes shorter and the speaker will become operational sooner, than when you turn on the speaker in the standby mode.

1 Turn the speaker on.

The  (power) indicator lights up in green.

2 Press and hold the  (power)/PAIRING button and the FUNCTION button simultaneously until the  (power) indicator lights up in orange.

The speaker turns off and enters the BLUETOOTH/Network standby mode. If you operate a BLUETOOTH device or network device to connect to the speaker, the speaker turns on automatically and connection starts.

To turn off the BLUETOOTH/Network standby mode

With the speaker turned on, press and hold the  (power)/PAIRING button and the FUNCTION button simultaneously. When the indicator turns off, the BLUETOOTH/Network standby mode is turned off and the speaker enters the standby mode.
Related Topic
- Turning the power off (standby mode)
- Setting the auto standby mode
- Standby mode differences
Auto standby mode

The speaker automatically enters the standby mode or switches to the BLUETOOTH/Network standby mode if the speaker remains in any of the following states for about 15 minutes.

- No operation of the speaker
- No connect/disconnect operations to the speaker from external devices
- Music (sound) is not played while connected to an external device.

**Hint**
- The auto standby mode can be turned off by using SongPal.

**Note**
- The auto standby mode may not work depending on the connecting device during the AUDIO IN function.

**Related Topic**
- Setting the auto standby mode
- Standby mode differences
How to use the SongPal screen

SongPal is an application for controlling Sony audio devices which are compatible with SongPal, by your smartphone, iPhone, etc. Search for SongPal at Google Play or the App Store and download with your smartphone, iPhone, etc. After downloading SongPal onto your smartphone, iPhone, etc. [SongPal] will be displayed on the screen.

For details about SongPal, refer to the following URL:
http://info.songpal.sony.net/help/

The specification and design of the application may change without notice.

To start up SongPal on your smartphone, iPhone, etc.

Tap [SongPal] on your smartphone, iPhone, etc.

SongPal

Make sure that your smartphone, iPhone, etc. is connected to a network when starting SongPal at the first time.

The overview of the devices on the home network is displayed. You can select the audio device to play or group the audio devices using SongPal Link.

You can select sound sources for playback. Also, you can make various sound/network settings of an audio device.
**Note**

- The screens above are the display examples. The actual display may differ.
- What you can control with SongPal varies depending on the connected device.

**Related Topic**

- What you can do with SongPal
What you can do with SongPal

SongPal is an application for controlling Sony audio devices which are compatible with SongPal, by your smartphone, iPhone, etc. Search for SongPal at Google Play or the App Store and download it onto your smartphone, iPhone, etc. For details about SongPal, refer to the following URL:
http://info.songpal.sony.net/help/

Downloading SongPal onto your smartphone/iPhone provides the following.

<table>
<thead>
<tr>
<th>Sound settings of the speaker</th>
</tr>
</thead>
</table>
You can easily customize your sound, or use the “ClearAudio+” setting recommended by Sony.

<table>
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<tr>
<th>Music service</th>
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</table>
You can configure the initial settings to use music services*. Depending on the country or region, music services and their period of availability may differ. Separate registration is required for certain services. An update of the device may be required. Services offered by third parties may be changed, suspended, or terminated without prior notice. Sony does not bear any responsibility for such situations.

<table>
<thead>
<tr>
<th>Controlling devices on your home network</th>
</tr>
</thead>
</table>
You can play music stored in your PC or home network server over your network.

<table>
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<tr>
<th>Controlling a device connected via USB</th>
</tr>
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</table>
You can play music in a device connected the USB port of the speaker.

**Note**
- What you can control with SongPal varies depending on the connected device. The specification and design of the application may change without notice.
Connecting to a Wi-Fi network using SongPal (Smartphone)

You can connect the speaker to a Wi-Fi network using SongPal installed on your smartphone. First, make a BLUETOOTH connection between the speaker and the smartphone. Then configure the Wi-Fi network settings. Wi-Fi network settings in SongPal are sent from your smartphone to the speaker via BLUETOOTH.

Complete step 1 within 15 minutes after turning on the speaker. If the speaker is not operated for more than 15 minutes, the speaker enters the standby mode automatically by the auto standby mode.

Do the following before starting.

- Disconnect the LAN cable (not supplied) from the speaker.
- Place the speaker closer to the wireless router.

Before starting this procedure, be aware that the setting information of your Wi-Fi network will not be protected until the setting is complete. After the setting is complete, the setting information of your Wi-Fi network will be protected again when you set wireless LAN security.

The specification and design of the application may change without notice.

1. **Connect your smartphone to your wireless router.**

   Connect it to 2.4 GHz band (11b, 11g, and 11n) or 5 GHz band (11a and 11n). The speaker does not support IEEE 802.11ac.

2. **Have the Wi-Fi network name (SSID) and password of the wireless router available for reference.**

   Some wireless routers have multiple SSIDs. Be sure to have the SSID that your smartphone is connected to. For details, refer to the operating instructions supplied with your wireless router.

3. **Install SongPal on your smartphone.**

   Search for SongPal at Google Play™.

   ![SongPal](image)

4. **Turn on the speaker.**
Complete step 10 within 15 minutes after turning on the speaker. The \( \bigcirc \) (power) indicator lights up in green, then the LINK indicator begins to flash.

5 Tap [SongPal] on your smartphone to start up the application.

Follow the instructions on the screen.

6 If your smartphone is NFC-compatible, turn on the NFC function, and unlock the screen of the smartphone. Then touch the smartphone on the N-Mark of the speaker. If your smartphone is not NFC-compatible, go to step 7.

Keep touching the smartphone on the N-Mark (①) of the speaker until the smartphone responds (it may take a few seconds). Then go to step 6.

7 If your smartphone is not NFC-compatible, make the BLUETOOTH connection between the speaker and the smartphone.

1. Turn on the BLUETOOTH function of your smartphone.
3. Tap the FUNCTION button repeatedly until the BLUETOOTH indicator flashes.

The speaker enters the BLUETOOTH mode.

When you turn on the speaker for the first time after purchase, pairing information is not stored in the speaker. In this case, by only placing the speaker in the BLUETOOTH mode, the BLUETOOTH indicator will begin to flash quickly and the speaker will enter the pairing mode automatically. Then go to step 5.

4. Press and hold the (power)/ PAIRING button of the speaker until beeps are heard.

The BLUETOOTH indicator begins to flash quickly, and the speaker enters the pairing mode.


If [SRS-ZR5] is not displayed, search for the device. For details, refer to the operating instructions of your smartphone.
8 **Check that the BLUETOOTH indicator on the speaker is changed to lit from flashing.**

When the BLUETOOTH connection is established, the BLUETOOTH indicator stays lit.

9 **Configure the Wi-Fi network settings by your smartphone, following the on-screen instructions of SongPal.**

If a password is required, select the SSID that you recorded in step 2, and enter the password.

The following screen will be displayed.
**Check that the LINK indicator on the speaker lights up in orange.**

When the Wi-Fi connection is completed, the LINK indicator lights up in orange. Depending on the environment, it may take more than a minute for the LINK indicator to light up.

The connection is complete.

**Note**
- To download the app, you may have to pay a communication fee, depending on your Internet contract.
- When you connect the speaker to a Wi-Fi network for the first time after purchase, or after you initialize the speaker, the BLUETOOTH/Network standby mode is turned on automatically.
- When connecting a smartphone with using the NFC function, be careful not to touch the FUNCTION button and +/- (volume) buttons at the same time with the smartphone.

**Related Topic**
- Auto standby mode
- Standby mode differences
Listening to music on a PC via a Wi-Fi network
Connecting to a Wi-Fi network using SongPal (iPhone/iPod touch)

You can connect the speaker to a Wi-Fi network using SongPal installed on your iPhone/iPod touch. First, make a BLUETOOTH connection between the speaker and the iPhone/iPod touch. Then configure the Wi-Fi network settings. Wi-Fi network settings in SongPal are sent from your iPhone/iPod touch to the speaker via BLUETOOTH.

Complete step 3 within 15 minutes after turning on the speaker. If the speaker is not operated for more than 15 minutes, the speaker enters the standby mode automatically by the auto standby mode.

Do the following before starting.

- Disconnect the LAN cable (not supplied) from the speaker.
- Place the speaker closer to the wireless router.

Before starting this procedure, be aware that the setting information of your Wi-Fi network will not be protected until the setting is complete. After the setting is complete, the setting information of your Wi-Fi network will be protected again when you set wireless LAN security.

The specification and design of the application may change without notice.

1. Connect your iPhone/iPod touch to your wireless router.

Connect it to 2.4 GHz band (11b, 11g, and 11n) or 5 GHz band (11a and 11n). The speaker does not support IEEE 802.11ac.

2. Search for SongPal at the App Store and download it onto your iPhone/iPod touch.
3 **Turn on the speaker.**

Complete step 3 within 15 minutes after turning on the speaker. The (power) indicator lights up in green, then the LINK indicator begins to flash.

4 **Tap the FUNCTION button repeatedly until the BLUETOOTH indicator flashes.**

The speaker enters the BLUETOOTH mode.

When you turn on the speaker for the first time after purchase, pairing information is not stored in the speaker. In this case, by only placing the speaker in the BLUETOOTH mode, the BLUETOOTH indicator will begin to flash quickly and the speaker will enter the pairing mode automatically. Then go to step 6.

5 **Press and hold the (power)/PAIRING button of the speaker until beeps are heard.**

The BLUETOOTH indicator begins to flash quickly, and the speaker enters the pairing mode.

6 **Search for the speaker on the iPhone/iPod touch.**

1. Select [Settings].
2. Tap [Bluetooth].
3. Tap [Bluetooth] to display [Bluetooth].

4. Tap [SRS-ZR5].

7. Check that the BLUETOOTH indicator on the speaker is changed to lit from flashing.

When the BLUETOOTH connection is established, the BLUETOOTH indicator stays lit.
Configure the Wi-Fi network settings of the speaker, following the on-screen instructions of SongPal.

1. Tap [SongPal] on your iPhone/iPod touch to start up the application.

   Follow the instructions on the screen.

   ![SongPal](image)

2. When the following screen is displayed, tap [OK].

   ![Network Setting](image)

3. If [Share Wi-Fi Settings?] is displayed, tap [Allow].

   The following screen will be displayed.
Check that the LINK indicator on the speaker lights up in orange.

When the Wi-Fi connection is completed, the LINK indicator lights up in orange. Depending on the environment, it may take more than a minute for the LINK indicator to light up.

The connection is complete.

Note
- To download the app, you may have to pay a communication fee, depending on your Internet contract.
- When you connect the speaker to a Wi-Fi network for the first time after purchase, or after you initialize the speaker, the BLUETOOTH/Network standby mode is turned on automatically.

Related Topic
- Auto standby mode
- Standby mode differences
- Listening to music on a PC via a Wi-Fi network
Listening to music on a PC via a Wi-Fi network

You can use a smartphone, iPhone, etc. with SongPal installed as a DLNA controller (operating device). You can select/play music files on a PC via a Wi-Fi network by operating your smartphone, iPhone, etc.
To listen to music on the PC, it is necessary to set the PC as a DLNA server.
The specification and design of the application may change without notice.

1 Set up your PC as a DLNA server.
   For details about settings, see Related Topic below.

2 Tap [SongPal] on your smartphone, iPhone, etc. to start up the application.

3 Tap [SRS-ZR5].

4 Tap [Home Network].
5 Select the DLNA server registered for your PC, by following the on-screen instruction of SongPal.

6 Select a song from the list and start playback.

Music in your PC will be heard from the speaker.

Related Topic
- DLNA (Digital Living Network Alliance)
- Compatible DLNA devices
- Setting your PC as a DLNA server and controller (Windows 8.1)
- Setting your PC for operating from a smartphone, iPhone, etc. as a controller (Windows 8.1)
- Setting your PC as a DLNA server and controller (Windows 7)
Listening to music on a smartphone, iPhone, etc. via a Wi-Fi network

You can listen to the music stored in your smartphone, iPhone, etc. over Wi-Fi network with SongPal. The specification and design of the application may change without notice.

1 Connect the speaker and a smartphone, iPhone, etc. to the same network.
   Connect the speaker and your smartphone, iPhone, etc. to the same SSID of your wireless router. The LINK indicator lights up in orange or pink when the speaker is connected to your network.

2 Tap [SongPal] on your smartphone, iPhone, etc. to start up the application.

3 Tap [SRS-ZR5].

4 Tap [My Music].
5  **Start playing back music on your smartphone, iPhone, etc., and adjust the volume.**

Music will be heard from the speaker.
Listening to music on a device via a USB connection

You can use a smartphone, iPhone, etc. with SongPal installed as a remote control. You can select/play music files on a device connected to the USB port (●) of the speaker by operating your smartphone, iPhone, etc.

The specification and design of the application may change without notice.

1  Connect the device to the USB port (●) of the speaker.

   For details about connection, see Related Topic below.

2  Tap [SongPal] on your smartphone, iPhone, etc. to start up the application.

SongPal

3  Tap [SRS-ZR5].

4  Tap [USB].
5 Select a song from the list and start playback.

Music will be heard from the speaker.
Setting the sound quality

You can easily customize the sound quality of the speaker by using your smartphone, iPhone, etc. with SongPal installed. The specification and design of the application may change without notice.

1. Tap [SongPal] on your smartphone, iPhone, etc. to start up the application.

SongPal

2. Tap [SRS-ZR5].

3. Tap [Settings].
4 Tap [Sound].

5 Select the desired setting and set the sound quality.

You can set the following sound settings.

- **ClearAudio+**
  You can enjoy ClearAudio+ mode (Sony-recommended sound quality). ClearAudio+ mode is set as the default.

- **Equalizer**
  You can set the sound quality according to the music genre.
Setting the auto standby mode

You can turn on/off the auto standby mode of the speaker, using SongPal installed on your smartphone, iPhone, etc. The specification and design of the application may change without notice.

1. Tap [SongPal] on your smartphone, iPhone, etc. to start up the application.

2. Tap [SRS-ZR5].

3. Tap [Settings].
4 **Tap [Power Option].**

5 **Tap [Auto Standby].**

Set the auto standby mode to on/off. If you set the auto standby mode to off, the speaker will not enter the standby mode or BLUETOOTH/Network standby mode automatically. When the auto standby mode is turned off, press the (power)/PAIRING button on the speaker to turn off the speaker.

**Related Topic**
- Auto standby mode
- Standby mode differences
Setting the BLUETOOTH/Network standby mode

You can turn on/off the BLUETOOTH/Network standby mode of the speaker, using SongPal installed on your smartphone, iPhone, etc.
The specification and design of the application may change without notice.

1 Tap [SongPal] on your smartphone, iPhone, etc. to start up the application.

2 Tap [SRS-ZR5].

3 Tap [Settings].
4 Tap [System].

5 Tap [Network Standby].

Set the BLUETOOTH/Network standby mode to on/off.
Setting the BLUETOOTH audio streaming playback quality (Codec)

You can select the BLUETOOTH audio streaming playback quality of the speaker, using SongPal installed on your smartphone, iPhone, etc. The specification and design of the application may change without notice.

1. Tap [SongPal] on your smartphone, iPhone, etc. to start up the application.

2. Tap [SRS-ZR5].

3. Tap [Settings].
4 Tap [Other Settings].

5 Tap [Bluetooth Codec] and select the desired codec.

You can set the following.

- Auto: Optimal codec is automatically selected from AAC, LDAC, and SBC.
- SBC: SBC is selected.

Note

- If the playback quality setting is changed with the speaker turned on, the BLUETOOTH connection is terminated. In this case, connect the BLUETOOTH device manually again. After reconnecting, the playback quality is switched.
- You may also need to adjust the settings of the connected device to change the playback quality setting, such as SBC, AAC, LDAC. For details, refer to the operating instructions supplied with the device.

Related Topic
- Selecting the BLUETOOTH audio streaming playback quality (Codec)
Connecting via a LAN cable

A commercially-available LAN cable is required. Connect your PC and the speaker via a wireless network.

1. Connecting to a wired network
2. Setting your PC as a DLNA controller *(Windows 8.1)/(Windows 7)*
3. Listening to music via Windows Media Player *(Windows 8.1)/(Windows 7)*
Making a wireless connection (BLUETOOTH connection)

Confirm that your PC is equipped with the BLUETOOTH function.

1. Making a BLUETOOTH connection between your PC and the speaker by using the following methods
   - Pairing a device to connect to the speaker for the first time (Windows 8.1)/(Windows 7)
   - Connecting a paired PC and the speaker (Windows 8.1)/(Windows 7)

2. Listening to music via a music playback application
Using Media Go

Listen to music stored on the PC from the speaker via a Wi-Fi network.

1. Connecting to a Wi-Fi network
2. Listening to music via Media Go

Operating Media Go via SongPal

A smartphone, iPhone, etc. with SongPal installed is used. First, connect the speaker to a Wi-Fi network using SongPal (Smartphone)/(iPhone/iPod touch). Next, set your PC for operating from a controller such as a smartphone/iPhone (Windows 8.1), then listen to music from the speaker via a Wi-Fi network.
Using Windows Media Player (Windows 7 or later)

Operate Windows Media Player on your PC to listen to music from the speaker via a Wi-Fi network.

1. Connecting to a Wi-Fi network
2. Setting your PC as a DLNA controller (Windows 8.1)/(Windows 7)
3. Listening to music via Windows Media Player (Windows 8.1)/(Windows 7)
Using other music playback software

If you want to use the server function to listen to the music files stored on your PC from the speaker via a network, move or copy music files to the library of “Media Go.”

**Note**
- If you want to use a music playback software other than “Media Go,” make a BLUETOOTH connection with a PC.
Making a wireless connection (BLUETOOTH connection)

Confirm that your smartphone is equipped with the BLUETOOTH function.

1. Making a BLUETOOTH connection between your smartphone and the speaker by using the following methods
   - Pairing and connecting with a BLUETOOTH device
   - Connecting with a paired BLUETOOTH device

2. Listening to music via a music playback application
Connecting via an audio cable (with stereo mini plugs)

A commercially-available cable (with stereo mini plugs) is required.

1. Connecting a smartphone
2. Listening to music via a music playback application
Using the Music application (Xperia only)

Make sure that the Music application (WALKMAN application) is pre-installed in your Xperia.

1. Connect your Xperia to your wireless router.
   For details on connecting your Xperia to your wireless router, refer to the operating instructions supplied with your Xperia.

2. Connecting the speaker to your wireless router
3. Listening to music with the Music application
Using SongPal

Use your smartphone, iPhone, etc. with SongPal installed.

1. Connecting the speaker to a Wi-Fi network, using SongPal
2. Listening to music via SongPal
Making a wireless connection (BLUETOOTH connection)

Check whether your iPhone/iPod touch is equipped with the BLUETOOTH function.

1. Making a BLUETOOTH connection between your iPhone/iPod touch and the speaker by using the following methods
   - Pairing iPhone/iPod touch to connect to the speaker for the first time
   - Connecting a paired iPhone/iPod touch and the speaker

2. Listening to music via a music playback application
Connecting via an audio cable (with stereo mini plugs)

A commercially-available cable (with stereo mini plugs) is required.

1. Connecting an iPhone/iPod touch
2. Listening to music via a music playback application
Using SongPal

Use your iPhone/iPod touch with SongPal installed.

1. Connecting the speaker to a Wi-Fi network, using SongPal
2. Listening to music via SongPal
Making a wireless connection (BLUETOOTH connection)

Confirm that your Walkman is equipped with the BLUETOOTH function.

1. Making a BLUETOOTH connection between your Walkman and the speaker by using the following methods
   - Pairing and connecting with a BLUETOOTH device
   - Connecting with a paired BLUETOOTH device

2. Listening to music via a music playback application
Connecting a USB cable

Use your smartphone, iPhone, etc. with SongPal installed to control playback on the Walkman.

1. Connecting the speaker to a Wi-Fi network using SongPal (smartphone)/(iPhone/iPod touch)
2. Connecting a Walkman
3. Listening to music via SongPal
Connecting via an audio cable (with stereo mini plugs)

A commercially-available cable (with stereo mini plugs) is required.

1. Connecting a Walkman
2. Listening to music via a music playback application
Using SongPal

Use your smartphone, iPhone, etc. with SongPal installed to control playback music on a USB flash drive.

1. Connecting the speaker to a Wi-Fi network using SongPal (smartphone)/(iPhone/iPod touch)
2. Connecting a USB flash drive
3. Listening to music on a device via a USB connection
Connecting via a LAN cable

A commercially-available LAN cable is required. Connect your PC and the speaker via a wireless network.

1. Connecting to a wired network
2. Setting your PC as a DLNA server and controller (Windows 8.1)/(Windows 7)
3. Receiving music services on the PC
Making a wireless connection (BLUETOOTH connection)

Confirm that your PC is equipped with the BLUETOOTH function.

1. Making a BLUETOOTH connection between your PC and the speaker by using the following methods
   - Pairing a device to connect to the speaker for the first time (*Windows 8.1*)/*(Windows 7*)
   - Connecting a paired PC and the speaker (*Windows 8.1*)/*(Windows 7*)

2. Listening to music from an Internet streaming service (Google Cast)
Making a wireless connection (BLUETOOTH connection)

Make sure whether your smartphone, iPhone, etc. is equipped with the BLUETOOTH function.

1. Making a BLUETOOTH connection between your smartphone, iPhone, etc. and the speaker by using the following methods
   - Pairing and connecting with a BLUETOOTH device
   - Connecting with a paired BLUETOOTH device

2. Receiving music services on the smartphone, iPhone, etc.
Using SongPal (Google Cast)

A smartphone, iPhone, etc. with SongPal installed is required. You can listen to music services from the speaker via a Google Cast-enabled app.

1. Connecting the speaker to a Wi-Fi network using SongPal (smartphone)/(iPhone/iPod touch)
2. Listening to music services via a Google Cast-enabled app
Connecting a HDMI cable

Use a commercially-available HDMI cable for this connection.

1. Connecting to a TV
2. Listening to TV sound
Selecting the Wi-Fi network connection method

Select the appropriate connection method for your network environment from below. Do the following before starting.

- Disconnect the LAN cable (not supplied) from the speaker.
- Place the speaker closer to the wireless router.

### Connecting to a Wi-Fi network using SongPal

Download SongPal to your smartphone, iPhone, etc. This application provides Wi-Fi connection setup with the speaker, and allows you to select/play music in a DLNA server (such as a PC).

For details, see “Connecting to a Wi-Fi network using SongPal (Smartphone)” or “Connecting to a Wi-Fi network using SongPal (iPhone/iPod touch)”.

### Connecting to a Wi-Fi network using the Wi-Fi Protected Setup (WPS) button of the wireless router

If your wireless router has a Wi-Fi Protected Setup (WPS) button, connect to the Wi-Fi network by this method.

To check if your wireless router is compatible with Wi-Fi Protected Setup (WPS), refer to the operating instructions of your router.

For details, see “Connecting to a Wi-Fi network using the Wi-Fi Protected Setup (WPS) button of the wireless router”.

### Connecting to a Wi-Fi network using a PC

If your wireless router does not have a Wi-Fi Protected Setup (WPS) button, use your PC to connect the speaker to the Wi-Fi network. Select one of the connecting methods from below.

- Connecting to a Wi-Fi network using a PC connected with a commercially-available LAN cable
  
  For details, see “Connecting to a Wi-Fi network using a PC connected with a LAN cable”.

- Connecting to a Wi-Fi network using a PC connected with Wi-Fi connection.
  
  The speaker should be initialized to the factory default settings for this connection.
  
  For details, see “Connecting to a Wi-Fi network using a PC connected wirelessly (Modern UI) / (Windows 7/Windows 8.1) or “Connecting to a Wi-Fi network using a PC connected wirelessly (Mac)”.

### Connecting to a Wi-Fi network using an iPhone/iPod touch

The speaker and your iPhone/iPod touch can be connected to the same Wi-Fi network.

For details, see “Connecting to a Wi-Fi network using an iPhone/iPod touch”.

### Hint

- If your wireless router has a Wi-Fi Protected Setup (WPS) button, you can connect to the Wi-Fi network by this method. For details, refer to the operating instructions supplied with your wireless router.
Related Topic

- Connecting to a Wi-Fi network using SongPal (Smartphone)
- Connecting to a Wi-Fi network using SongPal (iPhone/iPod touch)
- Checking the Wi-Fi signal strength (reception sensitivity)
DLNA (Digital Living Network Alliance)

You can listen to music stored in a DLNA server (such as a PC) on a home network using the speaker. By connecting DLNA-compatible digital devices with each other on the network, you can play back music stored in a DLNA server by using a DLNA controller.
To use the PC as a DLNA server or controller, it is necessary to set the PC.

| To listen to music in a DLNA server (PC, etc.) by operating a smartphone, iPhone, etc. |

Download SongPal to your smartphone, iPhone, etc.
This application provides Wi-Fi connection setup with the speaker, and allows you to select/play music in the DLNA server (such as a PC).
For details, see "Connecting to a Wi-Fi network using SongPal (Smartphone)/(iPhone/iPod touch)", "Listening to music on a PC via a Wi-Fi network" or "Listening to music on a PC via a network (Media Go with SongPal operation)".

| To listen to music in a DLNA server using your PC as a controller |

You can play back music stored in a DLNA server by operating your PC.
Start Windows Media Player on your PC, then play back music by using the "Play To" function (Windows 8.1/Windows 7).
Follow the instructions on the PC screen to operate.
To use the PC as a DLNA server or controller, it is necessary to set the PC.
For details, see "Setting your PC as a DLNA server and controller (Windows 8.1)/(Windows 7)", "Listening to music on a PC via a network (Windows Media Player) (Windows 8.1)/(Windows 7)" or "Listening to music on a PC via a network (Media Go)."

Hint
- You need the DLNA controller to listen to music stored in a Windows Vista PC with the speaker. For details, refer to the operating instructions of the PC.

Note
- The speaker can play MP3, Linear PCM, WMA, AAC, WAV, FLAC, ALAC and AIFF format files (only AAC files with the extension ".m4a," ".mp4," or ".3gp" are playable). Even if the bit rate and file format are supported, the playback of all files is not guaranteed.
- Files with DRM (Digital Rights Management) copyright protection cannot be played on the speaker. To check if a WMA file is protected by DRM, right-click the file on the PC.
- When you listen to music via a home network, it may take some time to start, since each DLNA-compatible device has to recognize the component currently used.
- Some content may not be playable with DLNA certified products.

Related Topic
- Listening to music on a PC via a Wi-Fi network
Connecting to a Wi-Fi network using the Wi-Fi Protected Setup (WPS) button of the wireless router

If your wireless router has a Wi-Fi Protected Setup (WPS) button, you can connect to the Wi-Fi network by this method. To check if your wireless router is compatible with Wi-Fi Protected Setup (WPS), refer to the operating instructions of your router.

Do the following before starting.

- Disconnect the LAN cable (not supplied) from the speaker.
- Place the speaker closer to the wireless router.

1 Turn on the speaker.

2 Press and hold the UPDATE/WPS button on the rear of the speaker until a beep is heard (for about 2 seconds).

   The LINK indicator flashes in orange and the NETWORK indicator lights up.

3 Press the Wi-Fi Protected Setup (WPS) button* of the wireless router.

   Operate within 90 seconds after pressing the UPDATE/WPS button of the speaker. Depending on the wireless router, press and hold the Wi-Fi Protected Setup (WPS) button of the wireless router for a few seconds. For details, refer to the operating instructions of your wireless router.
4 **Check that the LINK indicator changes from flashing to staying lit in orange.**

When the Wi-Fi connection is established, the LINK indicator lights up in orange. Depending on the environment, it may take more than a minute for the LINK indicator to light up.

The connection is established.

**If the LINK indicator flashes in red**

The speaker failed to connect to the Wi-Fi network. Try connecting again from step 2.

**Hint**

- For details on the Wi-Fi Protected Setup (WPS) button of your wireless router, refer to the operating instructions of your wireless router.
- If the Wi-Fi connection fails even if you try several times, initialize the speaker and delete the setting information of the Wi-Fi connection, then try connecting again.

**Note**

- While a LAN cable (not supplied) is connected to the speaker, the speaker cannot connect to a Wi-Fi network.
- When you connect the speaker to a Wi-Fi network for the first time after purchase, or after you initialize the speaker, the BLUETOOTH/Network standby mode is turned on automatically.

**Related Topic**

- Using the BLUETOOTH/Network standby mode
- Updating the pre-installed software
- Initializing the speaker
Connecting to a Wi-Fi network using a PC connected with a LAN cable

This section explains how to connect the speaker to a Wi-Fi network using your PC after connecting the speaker to the PC via a commercially-available LAN cable.

Do the following before starting.

- Place the speaker closer to your wireless router.
- Locate the SSID (the name of a wireless network) and encryption key (WEP or WPA), which are required to set up a Wi-Fi network. The encryption key restricts access to devices on a network. It is used to make more secure communication between the devices connected to wireless routers or access points.

1  **Have the Wi-Fi network name (SSID) and password (encryption key) of the wireless router available for reference.**

   For details, refer to the operating instructions supplied with your wireless router.

2  **Connect your PC to the LAN port of the speaker using the LAN cable.**

3  **Turn the speaker on.**

   The \(\) (power) indicator lights up in green, then the LINK indicator begins to flash in pink. Wait about a minute until the LINK indicator lights up in pink.
4 Display the [Sony Network Device Settings] screen.

1. Launch a browser (Internet Explorer, etc.).
2. Enter the following URL in the address bar.

   http://169.254.1.1

   This URL is for connecting the PC and speaker via a LAN cable.

5 Select [Network Settings] from the menu.

   ![Network Settings](image)

   If it is not displayed, disconnect the PC from the Wi-Fi network.

6 Enter the SSID of the wireless router and the password ( encryption key).

   ![Network Settings](image)

7 Select [Apply].
If the LINK indicator flashes in red

The Wi-Fi connection is failed. Start over the procedure above.

**Hint**
- If you start over the procedure above for more than one time, initialize the speaker to delete information about the Wi-Fi network connection, and then start over the procedure again.

**Note**
- When you connect the speaker to a Wi-Fi network for the first time after purchase, or your initialize the speaker, the BLUETOOTH/Network standby mode is turned on automatically.
Disabling the Wi-Fi network function and BLUETOOTH network function

To use the speaker outdoors, set the Wi-Fi network function or BLUETOOTH/Network function to OFF. While pressing and holding the SET UP button on the rear of the speaker when the speaker is turned on, tap the FUNCTION button repeatedly. Each time you tap the FUNCTION button, the speaker status changes and indicators react as follows.
Wi-Fi network function is OFF. (The NETWORK indicator and BLUETOOTH indicator flash quickly for two seconds.)

↓

BLUETOOTH/Network function is OFF. (The NETWORK indicator and BLUETOOTH indicator flash quickly for two seconds.)

↓

BLUETOOTH/Network function is ON. (The NETWORK indicator and BLUETOOTH indicator flash slowly for two seconds.)
Selecting the wired network connection method

Connect the speaker to your wireless router with a commercially-available LAN cable, then connect the router to the computer.

For more details, refer to "Connecting to a wired network."
DLNA (Digital Living Network Alliance)

You can listen to music stored in a DLNA server (PC, etc.) on a home network using the speaker. By connecting DLNA-compatible digital devices with each other on the network, you can play back a music stored in a DLNA server by using a DLNA controller.

To use the PC as a DLNA server or controller, it is necessary to set the PC.

To listen to music in a DLNA server (PC, etc.) by operating a smartphone/iPhone

Download SongPal to your smartphone/iPhone. This application provides Wi-Fi connection setup with the speaker, and allows you to select/play music in the PC.

For details, see "Connecting to a Wi-Fi network using SongPal (Smartphone)/(iPhone)", "Listening to music on a PC via a Wi-Fi network" or "Listening to music on a PC via a network (Media Go with SongPal operation)."

To listen to music in a DLNA server using your PC as a controller

You can play back music stored in a DLNA server by operating your PC.

Start Windows Media Player on your PC, then play back music by using the [Play To] function (Windows 8) or the [Play To] function (Windows 7). Follow the on-screen instructions to operate.

To use the PC as a DLNA server or controller, it is necessary to set the PC.

For details, see "Setting your PC as a DLNA server and controller (Windows 8)/(Windows 7)", "Listening to music on a PC via a network (Windows Media Player) (Windows 8)/(Windows 7)" or "Listening to music on a PC via a network (Media Go)."

Hint

- You need the DLNA controller to listen to music stored in a Windows Vista PC with the speaker.

For details, refer to the operating instructions of the PC.

Note

- The speaker can play MP3, Linear PCM, WMA, AAC, WAV, FLAC, ALAC and AIFF format files (only AAC files with the extension ".m4a," ".mp4," or ".3gp" are playable). Even if the bit rate and file format are supported, the playback of all files is not guaranteed.

- Files with DRM (Digital Rights Management) copyright protection cannot be played on the speaker. To check if a WMA file is protected by DRM, right-click the file on the PC. If there is a [License] tab, the file is DRM-copyrighted.

- When you listen to music via a home network, it may take some time, since each DLNA-compatible device has to recognize the component currently used.

- You may not be able to play back some content of DLNA certified products.
Using this speaker as a rear speaker (Wireless Surround)

You can enjoy surround sound by combining with products that support the Wireless Surround function. A Sony product (such as a sound bar/home theater system) that supports the Wireless Surround function and two SRS-ZR5 are required.
For more information including compatible models, refer to the following URL.
http://sony.net/nasite/

Preparing for using the Wireless Surround function
- Connect the speaker (SRS-ZR5) to the wireless network. For details about the wireless network connection, see "Selecting the Wi-Fi network connection method."
- Check if the software of this speaker is the latest version. For details how to check the software version, see "Searching the latest software via a network connection."

Setting speakers to use as rear speakers (Wireless Surround)

1. Set up the Wireless Surround function on the connecting equipment.
   Follow the instructions on the screen. The following operations are for a sound bar (HT-NT5) are used as an example.

   1. Press the HOME button on the remote control.
   2. Select [Setup], and then press the enter button.
   3. Select [Wireless Surround], and then follow the instructions on the screen.

   For more details, refer to the operating instructions of the connecting equipment.
Check that the L/R indicators on this speaker light up.

On the connecting equipment, start playback and adjust the volume.
For more details, refer to the operating instructions of the connecting equipment.

Canceling the Wireless Surround function/using other functions
While using the Wireless Surround function, other functions (such as the Wireless Multi-room function, Wireless Stereo function) are not available.
Press and hold the SET UP button on this speaker until a beep is heard.
The L/R indicators turn off and the Wireless Surround function is canceled. Then, the grouping is also canceled.
**Hint**

- You can also set the Wireless Surround function using SongPal.

**Note**

- The Wireless Surround function is available when the software version of the speaker is 2.00 or later and the software version of the sound bar/home theater system is M34.R.2000 or later. If the Wireless Surround function cannot be set, the software of the equipment or speaker may not be the latest version. For the software version of the speaker, refer to SongPal. To update the software of the speaker, see "Updating the pre-installed software." To update the software of the sound bar/home theater system, refer to the operating instructions of the equipment.

- When using the Wireless Surround function, the automatic software update feature of the speaker and sound bar/home theater system is not activated. To update the software, cancel the Wireless Surround function, and then connect the speaker or sound bar/home theater system to the wireless network.

- When using the Wireless Surround function, the speaker and sound bar/home theater system cannot be connected to the wireless network. To connect the speaker or sound bar/home theater system to the wireless network, cancel the Wireless Surround function, and then connect it to the wireless network.

- Setting on SongPal is available when SongPal version is 4.0 or later. For more details on SongPal, refer to the following URL.
  
  http://info.songpal.sony.net/help/

- When using the Wireless Multi-room function on this speaker, setting (grouping) for the Wireless Surround function cannot be operated on this speaker.
Connecting two speakers (Wireless Stereo)

By connecting two SRS-ZR5, you can enjoy more expanding stereo sound.
Two SRS-ZR5 are required.

Preparing for the Wireless Stereo function

- Connect the speaker (SRS-ZR5) to the wireless network. For details about the wireless network connection, see "Selecting the Wi-Fi network connection method."
- Check if the software of this speaker is the latest version. For details how to check the software version, see "Searching the latest software via a network connection."

Connecting two speakers (Wireless Stereo)

1. Place the speakers at a distance 1 m or less from each other, and then turn on them.

2. Press and hold the STEREO PAIR button on the rear of one of speakers until beeps are heard, which informs you to start setting the function.

   The L/R indicators flash.

3. Press and hold the SET UP button on the rear of the other speaker until beeps are heard, which informs you to start the connection.
This operation is completed in 30 seconds from pressing the STEREO PAIR button on the previous step. Beeps sound on each speaker to inform which speaker is set to the left or right position, and the two speakers are connected with the Wireless Stereo function.

4 **On the device connected to the speaker*, start playback, and adjust the volume.**

* Operate the speaker whose LINK indicator lights off or lights up in orange.

**Canceling the Wireless Stereo function/using other functions**
While using the Wireless Stereo function, other functions (such as the Wireless Multi-room function, Wireless Surround function) are not available.
Press and hold the SET UP button on this speaker until a beep is heard. The L/R indicators turn off, and the Wireless Stereo function is canceled. Then, the grouping is also canceled.

**Hint**
- You can also set Wireless Stereo using SongPal.
- If the signal strength is weak due reasons such as separating the speakers, the connection may be canceled temporarily. Place the speakers in a...
position that provides enough signal strength.

- When the connection is canceled temporarily, the speakers automatically reconnect. If it takes 10 minutes or more to reconnect after canceling, the Wireless Stereo function is canceled. When using the Wireless Stereo function the next time, operate from step 1.

**Note**

- The Wireless Stereo function is available when the software version of the speaker is 2.00 or later. If the Wireless Stereo function cannot be set, the software version of speakers may not be latest. For the software version of the speaker, refer to SongPal. To update the software of the speaker, see "Updating the pre-installed software."

- When using the Wireless Stereo function, the automatic software update feature of the speakers is not activated. To update the software, cancel the Wireless Stereo function, and then connect the speaker to the wireless network.

- While using the Wireless Stereo function, one of speakers may inform you that the latest software is available (the UPDATE indicator lights up in orange). In this case, update the software of the speaker whose UPDATE indicator lights up in orange. For details on how to update, see "Update method 2: Manual update via the Internet." Grouping of the Wireless Stereo function is automatically canceled. Then, connect the other speaker to the wireless network, and then update the software of the speaker. For details on how to update, see "Searching the latest software via a network connection." After updating both speakers to the latest software, set the Wireless Stereo function again.

- The speaker complies with content protection that uses the SCMS-T method. Music or sound using the SCMS-T method can be output from the speaker, but cannot be output from both speakers with the Wireless Stereo function.

- When using the Wireless Multi-room function on this speaker, the setting (grouping) for the Wireless Stereo function cannot be operated on this speaker.

- It is recommended to turn down the volume of the speaker which of pressing the STEREO PAIR button before setting the Wireless Stereo function. The two speakers output sound for the Wireless Stereo function, so a louder sound may be output than that with playback with one speaker.

- Setting on SongPal is available when SongPal version is 4.0 or later. For more details on SongPal, refer to the following URL. http://info.songpal.sony.net/help/
How to make a wireless connection with BLUETOOTH devices

You can enjoy music with the speaker wirelessly by using your device’s BLUETOOTH function.

Do the following before starting.

- Place the BLUETOOTH device within 1 m (3 ft) of the speaker.
- Prepare the operating instructions supplied with the BLUETOOTH device for reference.
- Turn down the volume of the BLUETOOTH device.
- Stop playback on the BLUETOOTH device to avoid sudden loud sound output from the speaker.

### Pairing the speaker with a BLUETOOTH device

Pairing is the process required to mutually register the information on BLUETOOTH devices to be connected wirelessly. It is necessary to pair a device with the speaker to be able to make a BLUETOOTH connection for the first time. Perform the same procedures to pair to other devices.

See the following topic.

- Pairing and connecting with a BLUETOOTH device
- Pairing and connecting with a PC (Windows 8.1)/ (Windows 7)

### Connecting the speaker with a paired device

Once BLUETOOTH devices are paired, there is no need to pair them again. To connect a device already paired, see the following topic.

- Connecting with a paired BLUETOOTH device
- Connecting with a paired PC (Windows 8.1)/ (Windows 7)

### Connecting the speaker with an NFC-compatible device by one touch (NFC)

By touching the speaker with an NFC-compatible device such as a smartphone or Walkman, etc., the speaker turns on automatically, then pairs with the device and makes a BLUETOOTH connection.

- Connecting with an NFC-compatible device by one touch (NFC)

**Compatible smartphones**

NFC-Compatible smartphones with Android 4.1 or later installed

For details, access the following URL:

For customers in Europe:
http://www.sony.eu/support

For customers in the USA:
http://esupport.sony.com/US

For customers in Canada:
http://esupport.sony.com/CA/

For customers in other countries/regions:
Compatible Walkman models  
NFC-compatible Walkman models*

* Even if your Walkman is compatible with the NFC function, it may not be able to make a BLUETOOTH connection with the speaker by one touch. For details on the compatible models, refer to the operating instructions supplied with your Walkman.

NFC

NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as smartphones and IC tags. The data communication is easily activated by touching the device to the specific position on the speaker.

Note

- Once BLUETOOTH devices are paired, there is no need to pair them again, except in the following cases:
  - Pairing information has been deleted after repair, etc.
  - The speaker is already paired with 9 devices and another device is to be paired.

  The speaker can be paired with up to 9 devices. If a new device is paired after 9 devices are already paired, the paired device with the oldest connection time is replaced by the new one.

  - The pairing information with the speaker has been deleted from the BLUETOOTH device.
  - The speaker is initialized.

  All pairing information will be deleted. If you initialize the speaker, it may not be able to connect your iPhone/iPod touch or PC. In this case, erase the pairing information of the speaker on your iPhone/iPod touch or PC, and then perform the pairing procedure again.

- The speaker can be paired with multiple devices, but can only play music from one paired device at a time.

- The passkey of this speaker is "0000." If a passkey besides "0000" is set on the BLUETOOTH device, pairing cannot be done with the speaker.

- When connecting a device such as a smartphone or Walkman with using the NFC function, be careful not to touch the FUNCTION button and -/+ (volume) buttons at the same time with the device.
Pairing and connecting with a BLUETOOTH device

Pairing is the process required to mutually register the information on BLUETOOTH devices to be connected wirelessly. It is necessary to pair a device with the speaker to be able to make a BLUETOOTH connection for the first time. Perform same procedures to pair to other devices.

Do the following before starting.

- Place the BLUETOOTH device within 1 m (3 ft) of the speaker.
- Prepare the operating instructions supplied with the BLUETOOTH device for reference.
- Turn down the volume of the BLUETOOTH device.
- Stop playback on the BLUETOOTH device to avoid sudden loud sound output from the speaker.

1 Turn on the speaker.

The (power) indicator lights up in green.

2 Tap the FUNCTION button repeatedly until the BLUETOOTH indicator flashes.

The speaker enters the BLUETOOTH mode.

- When you turn on the speaker for the first time after purchase, pairing information is not stored in the speaker. In this case, by only placing the speaker in the BLUETOOTH mode, the BLUETOOTH indicator will begin to flash quickly and the speaker will enter the pairing mode automatically. Then go to step 4.
- When you turn on the BLUETOOTH mode, the speaker will try to make a BLUETOOTH connection with the last connected BLUETOOTH device. If the device is nearby, the BLUETOOTH connection establishes automatically and the BLUETOOTH indicator stays lit. In this case, turn off the BLUETOOTH function on the BLUETOOTH device, or turn off the BLUETOOTH device.
3 **Press and hold the 🌘 (power) / 📀 PAIRING button of the speaker until beeps are heard.**

The BLUETOOTH indicator begins to flash quickly, and the speaker enters the pairing mode.

4 **Perform the pairing procedure on the BLUETOOTH device to detect the speaker.**

   When a list of detected devices appears on the display of the BLUETOOTH device, select [SRS-ZR5].
   If a passkey* is required on the display of the BLUETOOTH device, enter “0000.”

   * A passkey may be called “Passcode,” “PIN code,” “PIN number” or “Password.”

5 **Check that the BLUETOOTH indicator on the speaker is changed to lit from flashing.**

   When the BLUETOOTH connection is established, the BLUETOOTH indicator stays lit.

   If the BLUETOOTH connection is not established, repeat from step 3.
Hint

- For details on operating a BLUETOOTH device, refer to the operating instructions supplied with the BLUETOOTH device.
- You can perform pairing or connect to another BLUETOOTH device even when a BLUETOOTH connection is established. In this case, the previous connection will be disconnected.
- SongPal has no function to play music via a BLUETOOTH connection. Play music with your BLUETOOTH device such as smartphone, PC, etc.

Note

- Stop playback on the BLUETOOTH device and turn down the volume of the device beforehand. When pairing is completed, loud sound may output from the speaker. Otherwise, you may experience sudden loud sound from the speaker when music is played back for the first time after pairing.
- The pairing mode of the speaker is released after about 5 minutes and the BLUETOOTH indicator flashes slowly. However, when pairing information is not stored in the speaker, or you turn on the speaker for the first time after purchase, the pairing mode is not released. If the pairing mode is released before finishing the process, repeat from step 3.
- Once BLUETOOTH devices are paired, there is no need to pair them again, except in the following cases:
  - Pairing information has been deleted after repair, etc.
  - The speaker is already paired with 9 devices and another device is to be paired.

    The speaker can be paired with up to 9 devices. If a new device is paired after 9 devices have already been paired, the paired device with the oldest connection time is replaced by the new one.

  - The pairing information with the speaker has been deleted from the BLUETOOTH device.
  - The speaker is initialized.

    All pairing information will be deleted. If you initialize the speaker, it may not be able to connect your iPhone/iPod touch or PC. In this case, erase the pairing information of the speaker on your iPhone/iPod touch or PC, and then perform the pairing procedure again.

- The speaker can be paired with multiple devices, but can only play music from one paired device at a time.
- The passkey of this speaker is "0000." If a passkey besides "0000" is set on the BLUETOOTH device, pairing cannot be done with the speaker.

Related Topic

- Listening to music on a device via a BLUETOOTH connection
Pairing and connecting with a PC (Windows 8.1)

Pairing is the process required to mutually register the information on BLUETOOTH devices to be connected wirelessly. It is necessary to pair a device with the speaker to be able to make a BLUETOOTH connection for the first time. Perform same procedures to pair to other devices.

Do the following before starting.

- Make sure that your PC has the BLUETOOTH wireless function.
- Place your PC within 1 m (3 ft) of the speaker.
- Locate the operating instructions supplied with the PC for reference.
- Turn down the volume of the PC.
- Stop playback on the PC to avoid any sudden loud sound from the speaker.
- Activate the BLUETOOTH function on your PC. For details how to activate the BLUETOOTH function or to confirm that your PC has the BLUETOOTH function, refer to the operating instructions of the PC.
- Set the speaker setting on the PC to on. If the mute (off) mode is set in the speaker’s setting on the PC, the speaker will not output sound.

If the speaker setting on the PC is the mute (off) mode

If the speaker setting on the PC is the on mode

1. Prepare to search for the speaker on the PC.


   2. Align your mouse with the upper-right side of the screen (if using a touch panel, swipe from the right edge of the screen), and select [Settings] from the charms that are displayed.
3. When the [Settings] charms are displayed, click [Control Panel].

4. When [All Control Panel Items] is displayed, select [Device and printer].

   If the [Control Panel] screen is displayed instead of [All Control Panel Items], select [Large icons] or [Small icons] from [View by] on the upper right of the screen.

   The following screen will be displayed.
2 Turn the speaker on.

The (power) indicator lights up in green.

3 Tap the FUNCTION button repeatedly until the BLUETOOTH indicator flashes.

The speaker enters the BLUETOOTH mode.

- When you turn on the speaker for the first time after purchase, pairing information is not stored in the speaker. In this case, by only placing the speaker in the BLUETOOTH mode, the BLUETOOTH indicator will begin to flash quickly and the speaker will enter the pairing mode automatically. Then go to step 5.
- When you turn on the BLUETOOTH mode, the speaker will try to make a BLUETOOTH connection with the last connected BLUETOOTH device. If the device is nearby, the BLUETOOTH connection establishes automatically and the BLUETOOTH indicator stays lit. In this case, turn off the BLUETOOTH function on the BLUETOOTH device, or turn off the BLUETOOTH device.

4 Set the speaker to the pairing mode.

Press and hold the (power)/PAIRING button until the speaker beeps and the BLUETOOTH indicator starts flashing quickly.
Perform the pairing procedure on the PC.

1. Click [Add a device].

2. Click [SRS-ZR5], and then click [Next].

   If a passkey* is required, enter “0000.”
   If [SRS-ZR5] does not appear on the screen, repeat the procedure from step 4.

   * A passkey may be called “Passcode,” “PIN code,” “PIN number” or “Password.”

3. When the following screen is displayed, click [Close].

   The driver installation for the PC begins.

During the installation, the [ ] mark is displayed on the bottom left of the [SRS-ZR5] icon.
When [ ] disappears, the driver installation has finished. Go to step 4.
Depending on the PC, this installation may take a while. If the driver installation takes a long time, the speaker enters the auto standby mode automatically. In this case, turn on the speaker again.

4. Right-click [SRS-ZR5] of [Device], and then select [Sound Settings] from the displayed menu.

   - If [SRS-ZR5 Stereo] has a checkmark (green), go to step 6.
   - If [SRS-ZR5 Stereo] does not have a checkmark (green), go to step 6.
   - If [SRS-ZR5 Stereo] does not appear on the [Sound] screen, right-click on the [Sound] screen, and place a checkmark by [Show Disabled Devices].
6. Right-click [SRS-ZR5 Stereo], and then select [Connect] from the displayed menu.

When the connection is finished, a checkmark appears on [SRS-ZR5 Stereo] of the [Sound] screen. Go to step 6.

If you cannot select [Connect] of [SRS-ZR5 Stereo], select [Disable] of [Default Device] displayed with a checkmark (green).
Check that the BLUETOOTH indicator on the speaker changes from flashing to staying lit.

When the BLUETOOTH connection is established, the BLUETOOTH indicator stays lit. You can enjoy the music playback from your PC.

If the connection is not completed even though [SRS-ZR5] is displayed on the screen, place the speaker in the pairing mode to connect. Press and hold the (power)/PAIRING button until the speaker beeps and the BLUETOOTH indicator starts flashing quickly.

Hint
- The procedure explained above is for guidance only. For details, refer to the operating instructions supplied with the PC.
- You can perform pairing or connect to another BLUETOOTH device even when a BLUETOOTH connection is established. In this case, the previous connection will be disconnected.
- SongPal has no function of play music via a BLUETOOTH connection. Play music with your BLUETOOTH device such as smartphone, PC, etc.
If your PC does not have the BLUETOOTH function, it will be necessary to connect a commercially available BLUETOOTH adaptor to the PC.

**Note**

- Stop playback on the BLUETOOTH device and turn down the volume of the device beforehand. When pairing is completed, loud sound may output from the speaker. Otherwise, you may experience sudden loud sound from the speaker when music is played back for the first time after pairing.

- The pairing mode of the speaker is released after about 5 minutes and the BLUETOOTH indicator flashes slowly. However, when pairing information is not stored in the speaker, or you turn on the speaker for the first time after purchase, pairing mode is not released. If the pairing mode is released before finishing the process, repeat from step 4.

- Once BLUETOOTH devices are paired, there is no need to pair them again, except in the following cases:
  - Pairing information has been deleted after repair, etc.
  - The speaker is already paired with 9 devices and another device is to be paired.
  
    The speaker can be paired with up to 9 devices. If a new device is paired after 9 devices have already been paired, the paired device with the oldest connection time is replaced by the new one.

  - The pairing information with the speaker has been deleted from the BLUETOOTH device.
  - The speaker is initialized.

    All pairing information will be deleted. If you initialize the speaker, it may not be able to connect your iPhone/iPod touch or PC. In this case, erase the pairing information of the speaker on your iPhone/iPod touch or PC, and then perform the pairing procedure again.

- The speaker can be paired with multiple devices, but can only play music from one paired device at a time.

- The passkey of this speaker is "0000." If a passkey besides "0000" is set on the BLUETOOTH device, pairing cannot be done with the speaker.

**Related Topic**

- Listening to music on a device via a BLUETOOTH connection
Pairing and connecting with a PC (Windows 7)

Pairing is the process required to mutually register the information on BLUETOOTH devices to be connected wirelessly. It is necessary to pair a device with the speaker to be able to make a BLUETOOTH connection for the first time. Perform same procedures to pair to other devices.

Do the following before starting.

- Make sure that your PC has the BLUETOOTH wireless function.
- Place your PC within 1 m (3 ft) of the speaker.
- Locate the operating instructions supplied with the PC for reference.
- Turn down the volume of the PC.
- Stop playback on the PC to avoid any sudden loud sound from the speaker.
- Activate the BLUETOOTH function on your PC. For details how to activate the BLUETOOTH function or to confirm that your PC has the BLUETOOTH function, refer to the operating instructions of the PC.
- Set the speaker on the PC to on. If the speaker setting on the PC is the mute (off) mode, the speaker does not output sound.

  - If the speaker setting on the PC is the mute (off) mode

![Mute (off) mode]

  - If the speaker setting on the PC is the on mode

![On mode]

1. **Turn the speaker on.**

   The (power) indicator lights up in green.

2. **Tap the FUNCTION button repeatedly until the BLUETOOTH indicator flashes.**

   The speaker enters the BLUETOOTH mode.
When you turn on the speaker for the first time after purchase, pairing information is not stored in the speaker. In this case, by only placing the speaker in the BLUETOOTH mode, the BLUETOOTH indicator will begin to flash quickly and the speaker will enter the pairing mode automatically. Then go to step 4.

- When you turn on the BLUETOOTH mode, the speaker will try to make a BLUETOOTH connection with the last connected BLUETOOTH device. If the device is nearby, the BLUETOOTH connection establishes automatically and the BLUETOOTH indicator stays lit. In this case, turn off the BLUETOOTH function on the BLUETOOTH device, or turn off the BLUETOOTH device.

3 **Set the speaker to the pairing mode.**

Press and hold the \( \text{\textbullet\text{ (power)/PAIRING} \text{button until the speaker beeps and the BLUETOOTH indicator starts flashing quickly.} \)

4 **Perform the pairing procedure on the PC.**

1. Click the [Start] button and then [Devices and Printers].
2. Click [Add a device].
3. Click [SRS-ZR5], and then click [Next].

If a passkey* is required, enter “0000.”
If [SRS-ZR5] does not appear on the screen, repeat the procedure from step 3.

* A passkey may be called “Passcode,” “PIN code,” “PIN number” or “Password.”

4. When the following screen is displayed, click [Close].

The driver installation for the PC begins.

During the installation, the [ ] mark is displayed on bottom-left of the [SRS-ZR5] icon.
When [ ] disappears, the driver installation is finished. Go to step 5.
Depending on a PC, this installation may take a time. When the driver installation takes for long time, the speaker enters the standby mode automatically. In this case, turn on the speaker again.


6. Click [Listen to Music].

When the connection is established, a checkmark appears.
Check that the BLUETOOTH indicator on the speaker changes from flashing to staying lit.

When the BLUETOOTH connection is established, the BLUETOOTH indicator stays lit. You can enjoy the music playback from your PC.

Hint
- The procedure explained above is for guidance only. For details, refer to the operating instructions supplied with the PC.
- You can perform pairing or connect to another BLUETOOTH device even when a BLUETOOTH connection is established. In this case, the previous connection will be disconnected.
- SongPal has no function of play music via a BLUETOOTH connection. Play music with your BLUETOOTH device such as smartphone, PC, etc.
- If your PC does not have the BLUETOOTH function, it will be necessary to connect a commercially available BLUETOOTH adaptor to the PC.

Note
- Stop playback on the BLUETOOTH device and turn down the volume of the device beforehand. When pairing is completed, loud sound may output from the speaker. Otherwise, you may experience sudden loud sound from the speaker when music is played back for the first time after pairing.
- The pairing mode of the speaker is released after about 5 minutes and the BLUETOOTH indicator flashes slowly. However, when pairing information is not stored in the speaker, or you turn on the speaker for the first time after purchase, pairing mode is not released. If the pairing mode is released before finishing the process, repeat from step 3.
- Once BLUETOOTH devices are paired, there is no need to pair them again, except in the following cases:
  - Pairing information has been deleted after repair, etc.
  - The speaker is already paired with 9 devices and another device is to be paired.
    - The speaker can be paired with up to 9 devices. If a new device is paired after 9 devices have already been paired, the paired device with the oldest connection time is replaced by the new one.
  - The pairing information with the speaker has been deleted from the BLUETOOTH device.
  - The speaker is initialized.

All pairing information will be deleted. If you initialize the speaker, it may not be able to connect your iPhone/iPod touch or PC. In this case, erase the pairing information of the speaker on your iPhone/iPod touch or PC, and then perform the pairing procedure again.
The speaker can be paired with multiple devices, but can only play music from one paired device at a time.

The passkey of this speaker is "0000." If a passkey besides "0000" is set on the BLUETOOTH device, pairing cannot be done with the speaker.

Related Topic
- Listening to music on a device via a BLUETOOTH connection
Connecting with an NFC-compatible device by one touch (NFC)

By only touching the speaker with an NFC-compatible device such as a smartphone, pairing (registration) will be made automatically.

Compatible smartphones

NFC-compatible smartphones with Android 4.1 or later installed
For details, access the following URL:
For customers in Europe:
http://www.sony.eu/support
For customers in the USA:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support

Compatible Walkman models

NFC-compatible Walkman models*

* Even if your Walkman is compatible with the NFC function, it may not be able to make a BLUETOOTH connection with the speaker by one touch. For details on the compatible models, refer to the operating instructions supplied with your Walkman.

NFC

NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as smartphones and IC tags. The data communication is easily activated by touching the device to the specific position on the speaker.

Do the following before starting.
- Turn down the volume of the device.
- Stop playback on the BLUETOOTH device to avoid sudden loud sound output from the speaker.

1 Turn on the NFC function of the device.

2 Touch the speaker with the device.

Unlock the screen of the device.
Keep touching the device on the N-Mark (①) of the speaker until the device responds (it may take a few seconds).
Follow the instructions on the screen. When the BLUETOOTH connection is established, the BLUETOOTH indicator stops flashing and stays lit.

To disconnect, touch the speaker with the device again.

**Hint**

- The procedure explained above is for guidance only. For details, refer to the operating instructions supplied with the BLUETOOTH device.
- You can perform pairing or connect to another BLUETOOTH device even when a BLUETOOTH connection is established. In this case, the previous connection will be disconnected.
- SongPal has no function of play music via a BLUETOOTH connection. Play music with your BLUETOOTH device such as smartphone, PC, etc.
- Even if the speaker is not turned on, the BLUETOOTH indicator flashes when touching with a device. When the connection is established, the speaker is turned on automatically.
- If the connection is not established, do the following.
  - Move the device over the N-Mark of the speaker slowly.
  - If the device is in a case, remove it.
- When you touch an NFC-compatible device which is connected with another NFC-compatible device such as a headphone, the connection is switched to the speaker automatically.
**Note**

- If the NFC fails to connect, touch with the device again.
- Stop playback on the BLUETOOTH device and turn down the volume of the device beforehand. When pairing is completed, loud sound may output from the speaker. Otherwise, you may experience sudden loud sound from the speaker when music is played back for the first time after pairing.
- If your smartphone is changed to the standby mode by a magnetic reaction, it might not connect with the speaker by one touch (NFC). Use the smartphone without the NFC function. For details, refer to the operating instructions of your smartphone.
- When connecting your NFC-compatible device with using the NFC function, be careful not to touch the FUNCTION button and -/+ (volume) buttons at the same time with the device.

**Related Topic**

- Disconnecting the NFC-compatible device by one touch (NFC)
- Switching devices by one touch (NFC)
- Listening to music on a device via a BLUETOOTH connection
Disconnecting the NFC-compatible device by one touch (NFC)

You can disconnect the speaker from a connected NFC-compatible device such as a smartphone or Walkman by touching the speaker with it.

1 **Touch the speaker with the device.**

   Touch the device to the N-Mark (①) of the speaker.
Switching devices by one touch (NFC)

- If you move an NFC-compatible device over the N-Mark part of the speaker while the speaker is connected with another BLUETOOTH device, the speaker disconnects from the BLUETOOTH device. The speaker then connects with the NFC-compatible device that was just touched.
- When an NFC-compatible device is connected with the speaker via the BLUETOOTH connection, it will disconnect from the speaker if you touch the device onto another NFC-compatible BLUETOOTH headset or BLUETOOTH speaker. The device then connects with the BLUETOOTH headset or BLUETOOTH speaker it has just touched.
- When connecting your NFC-compatible device with using the NFC function, be careful not to touch the FUNCTION button and -/+ (volume) buttons at the same time with the device.
Connecting with a paired BLUETOOTH device

The procedure explained below is for guidance only. For details, refer to the operating instructions supplied with the BLUETOOTH device.

Do the following before starting.

- If you have connected the speaker with another device, turn off the BLUETOOTH function on that device.
- Turn down the volume of the BLUETOOTH device.
- Stop playback on the BLUETOOTH device to avoid sudden loud sound output from the speaker.

1 Turn on the speaker.

The (power) indicator lights up in green.

2 Tap the FUNCTION button repeatedly until the BLUETOOTH indicator flashes.

The speaker enters the BLUETOOTH mode.

When you turn on the BLUETOOTH mode, the speaker will try to make a BLUETOOTH connection with the last connected BLUETOOTH device. If the device is nearby, the BLUETOOTH connection establishes automatically and the BLUETOOTH indicator stays lit. In this case, turn off the BLUETOOTH function on the BLUETOOTH device, or turn off the BLUETOOTH device.

3 Perform the pairing procedure on the BLUETOOTH device to detect the speaker.

When the BLUETOOTH connection is established, the BLUETOOTH indicator lights up.
**Hint**
- You can perform pairing or connect to another BLUETOOTH device even when a BLUETOOTH connection is established. In this case, the previous connection will be disconnected.
- SongPal has no function of play music via a BLUETOOTH connection. Play music with your BLUETOOTH device such as smartphone, PC, etc.
- When you turn on the speaker or the BLUETOOTH mode, the speaker tries to make a BLUETOOTH connection with the last connected BLUETOOTH device. If the device’s BLUETOOTH function is on, the BLUETOOTH connection is started automatically.
- When the BLUETOOTH/Network standby mode is turned on, the speaker turns on automatically by operating a BLUETOOTH device, and starts the BLUETOOTH connection.

**Note**
- Stop playback on the BLUETOOTH device and turn down the volume of the device beforehand. When pairing is completed, loud sound may output from the speaker. Otherwise, you may experience sudden loud sound from the speaker when music is played back for the first time after pairing.
- If the speaker tries to reconnect with the last connected BLUETOOTH device, the connection may fail. In this case, turn off the BLUETOOTH function on the BLUETOOTH device, or turn off the BLUETOOTH device.
- When connecting your NFC-compatible device with using the NFC function, be careful not to touch the FUNCTION button and -/+ (volume) buttons at the same time with the device.

**Related Topic**
- Listening to music on a device via a BLUETOOTH connection
- Using the BLUETOOTH/Network standby mode
Connecting with a paired PC (Windows 8.1)

Do the following before starting.

- If you have connected the speaker with the other device, turn off the BLUETOOTH function on the device.
- Turn down the volume of the PC.
- Stop playback on the PC to avoid any sudden loud sound from the speaker.
- Activate the BLUETOOTH function on your PC. For details how to activate the BLUETOOTH function, refer to the operating instructions of the PC.

1. **Turn the speaker on.**
   The (power) indicator lights up in green.

2. **Tap the FUNCTION button repeatedly until the BLUETOOTH indicator flashes.**
   The speaker enters the BLUETOOTH mode.

   ![BLUETOOTH indicator](image)

   When you turn on the BLUETOOTH mode, the speaker will try to make a BLUETOOTH connection with the last-connected BLUETOOTH device. If the device is nearby, the BLUETOOTH connection establishes automatically and the BLUETOOTH indicator stays lit. If you want to connect another BLUETOOTH device, terminate the current BLUETOOTH connection by operating the currently-connected BLUETOOTH device.

3. **Search for the speaker by the PC.**
2. Align your mouse with the upper-right side of the screen (if using a touch panel, swipe from the right edge of the screen), and select [Settings] from the charms that are displayed.

3. When the [Settings] charms are displayed, click [Control Panel].

4. When [All Control Panel Items] is displayed, select [Sound].

If the [Control Panel] screen is displayed instead of [All Control Panel Items], select [Large icons] or [Small icons] from [View by] on upper right of the screen.
   - If [SRS-ZR5 Stereo] has a checkmark (green), go to step 4.
   - If [SRS-ZR5 Stereo] does not have a checkmark (green), go to step 6.
   - If [SRS-ZR5 Stereo] does not appear on the [Sound] screen, right-click on the [Sound] screen, and place a checkmark by [Show Disabled Devices].

6. Right-click [SRS-ZR5 Stereo], and then select [Connect] from the displayed menu.
When the connection is finished, a checkmark appears on [SRS-ZR5 Stereo] of the [Sound] screen. Go to step 4.

If you cannot select [Connect] of [SRS-ZR5 Stereo], select [Disable] of [Default Device] displayed with a checkmark (green).
Check that the BLUETOOTH indicator on the speaker changes from flashing to staying lit.

The connection of the speaker and PC is established. You can enjoy the music playback from your PC.

**Hint**
- The procedure explained above is for guidance only. For details, refer to the operating instructions supplied with the PC.
- You can perform pairing or connect to another BLUETOOTH device even when a BLUETOOTH connection is established. In this case, the previous connection will be disconnected.
- SongPal has no function of play music via a BLUETOOTH connection. Play music with your BLUETOOTH device such as smartphone, PC, etc.
- When you turn on the speaker or the BLUETOOTH mode, the speaker tries to make a BLUETOOTH connection with the last connected BLUETOOTH device. If the device's BLUETOOTH function is on, the BLUETOOTH connection is started automatically.
- When the BLUETOOTH/Network standby mode is turned on, the speaker turns on automatically by operating a BLUETOOTH device, and starts the BLUETOOTH connection.

**Note**
- Stop playback on the BLUETOOTH device and turn down the volume of the device beforehand. When pairing is completed, loud sound may output from the speaker. Otherwise, you may experience sudden loud sound from the speaker when music is played back for the first time after pairing.
- If the speaker tries to reconnect with the last connected BLUETOOTH device, the connection may fail. In this case, turn off the BLUETOOTH function on the BLUETOOTH device, or turn off the BLUETOOTH device.

**Related Topic**
- Listening to music on a device via a BLUETOOTH connection
- Using the BLUETOOTH/Network standby mode
Connecting with a paired PC (Windows 7)

Do the following before starting.

- If you have connected the speaker with the other device, turn off the BLUETOOTH function on the device.
- Turn down the volume of the PC.
- Stop playback on the PC to avoid any sudden loud sound from the speaker.
- Activate the BLUETOOTH function on your PC. For details how to activate the BLUETOOTH function, refer to the operating instructions of the PC.

1 **Turn the speaker on.**

   The (power) indicator lights up in green.

2 **Tap the FUNCTION button repeatedly until the BLUETOOTH indicator flashes.**

   The speaker enters the BLUETOOTH mode.

   ![BLUETOOTH Mode](image)

   When you turn on the BLUETOOTH mode, the speaker will try to make a BLUETOOTH connection with the last connected BLUETOOTH device. If the device is nearby, the BLUETOOTH connection establishes automatically and the BLUETOOTH indicator stays lit. When you want to connect another BLUETOOTH device, terminate the current BLUETOOTH connection by operating the currently connected BLUETOOTH device.

3 **Search for the speaker by the PC.**

   1. Click the [Start] button and then [Devices and Printers].
   2. Double-click [SRS-ZR5].
3. Check [Listen to Music].
   - When [Listen to Music] appears, go to the next step.
   - If the checked mark is displayed on [Connecting to Bluetooth service]: The connection is established. Check that the BLUETOOTH indicator is lit.

4. Click [Listen to Music].

When the connection is finished, a checked mark appears.
Check that the BLUETOOTH indicator on the speaker changes from flashing to staying lit.

The connection of the speaker and PC is established. You can enjoy the music playback from your PC.

Hint
- The procedure explained above is for guidance only. For details, refer to the operating instructions supplied with the PC.
- You can perform pairing or connect to another BLUETOOTH device even when a BLUETOOTH connection is established. In this case, the previous connection will be disconnected.
- SongPal has no function of play music via a BLUETOOTH connection. Play music with your BLUETOOTH device such as smartphone, PC, etc.
- When you turn on the speaker or the BLUETOOTH mode, the speaker tries to make a BLUETOOTH connection with the last connected BLUETOOTH device. If the device’s BLUETOOTH function is on, the BLUETOOTH connection is started automatically.
- When the BLUETOOTH/Network standby mode is turned on, the speaker turns on automatically by operating a BLUETOOTH device, and starts the BLUETOOTH connection.

Note
- Stop playback on the BLUETOOTH device and turn down the volume of the device beforehand. When pairing is completed, loud sound may output from the speaker. Otherwise, you may experience sudden loud sound from the speaker when music is played back for the first time after pairing.
If the speaker tries to reconnect with the last connected BLUETOOTH device, the connection may fail. In this case, turn off the BLUETOOTH function on the BLUETOOTH device, or turn off the BLUETOOTH device.

**Related Topic**
- Listening to music on a device via a BLUETOOTH connection
- Using the BLUETOOTH/Network standby mode
Setting your PC as a DLNA server and controller (Windows 8.1)

Windows 8.1 supports DLNA1.5. A Windows 8.1 PC can be used as both a DLNA server and controller. By operating from a Windows 8.1 PC, you can enjoy music stored in a DLNA server (including a Windows 8.1 PC) on your home network with the speaker if you set the following.

If you download SongPal to your smartphone, iPhone, etc. and operate a Windows 8.1 PC, perform "Setting your PC for operating from a smartphone, iPhone, etc. as a controller (Windows 8.1)."

1 Move the mouse pointer to the top-right (or bottom-right) corner of the screen to display the charms, then select [Settings].

   In the case of a touch panel, display the charms by swiping from the right side of the screen to the center, then select [Settings].

2 Select [Change PC settings].
3 Select [Network].

4 Select [Connections], and then select the icon with [Connected] using or .
**5** Turn on [Find devices and content].

Related Topic

- Setting your PC for operating from a smartphone, iPhone, etc. as a controller (Windows 8.1)
- Listening to music on a PC via a network (Windows 8.1) (Windows Media Player)
- Listening to music on a PC via a Wi-Fi network
Setting your PC for operating from a smartphone, iPhone, etc. as a controller (Windows 8.1)

By operating from a controller such as smartphone, iPhone, etc. on your home network, you can enjoy music stored in a Windows 8.1 PC on your home network with the speaker.
To operate the Windows 8.1 PC after downloading SongPal on the smartphone, iPhone, etc., follow the steps below.

1. **Click or tap  at the bottom-left of the Start screen.**

2. **Select [Windows Media Player].**

3. **Click or tap [Stream], then select [More streaming options].**

If [More streaming options] does not appear, select [Turn on media streaming...]. Then select [Turn on media streaming] on
If all devices are allowed, select [Next].

If not all devices are allowed, select [Allow All], then the [Allow All Media Devices] screen appears. Select [Allow all PCs and Media Devices].

Check that [Music] is set to [Shared], then select [Next].

Select [Finish] to close the screen.

Select [Stream], then check that [Automatically allow devices to play my media...] has been checked.

The setting is now complete. You can listen to music stored in your PC, using your smartphone, iPhone, etc.
Related Topic

- Setting your PC as a DLNA server and controller (Windows 8.1)
- Listening to music on a PC via a Wi-Fi network
Setting your PC as a DLNA server and controller (Windows 7)

A Windows 7 PC can be used as both a DLNA server and controller. By operating from a Windows 7 PC and DLNA controller on your home network, you can enjoy music stored in a DLNA server (including a Windows 7 PC) on your home network with the speaker if you set the following.

1. Go to [Start]-[Control Panel], then select [Network and Sharing Center].
   The [Network and Sharing Center] screen appears.
   If the desired item does not appear in the display, try changing the Control Panel display type.

2. Select [Public network] under [View your active networks].
   If the display shows other than [Public network], go to step 5.

3. Select [Home network] or [Work network] according to the environment in which the speaker is used.

4. Follow the instructions that appear on the display according to the environment in which the speaker is used.
   When the setting is completed, in the [Network and Sharing Center] screen, confirm that the item under [View your active networks] has changed to [Home network] or [Work network].
5 Select [Change advanced sharing settings].

6 Select [Choose media streaming options...] from [Media streaming].

7 If [Media streaming is not turned on] appears in the [Media streaming options] screen, select [Turn on media streaming].

8 Select [Allow All].
The [Allow All Media Devices] screen appears. If all the devices in the local network are allowed ([Allow]) to access your network, select [OK] and close the screen.

9 Select [Allow all computers and media devices].

10 Select [OK] to close the screen.

Related Topic
- Listening to music on a PC via a network (Windows 7) (Windows Media Player)
- Listening to music on a PC via a Wi-Fi network
Selecting the BLUETOOTH audio streaming playback quality (Codec)

The “Priority on sound quality” and “Priority on stable connection” modes are available as options for selecting the playback quality of BLUETOOTH audio streaming. “Priority on sound quality” enables you to play back with a setting of, not only SBC, but also AAC and LDAC, so that you can enjoy high-quality sound via BLUETOOTH. “Priority on stable connection” provides you with a more stable BLUETOOTH audio streaming. “Priority on sound quality” is the default setting.

The sound quality can be changed while the speaker is in the BLUETOOTH/Network standby mode.

Playback quality

- Priority on sound quality (default setting): Optimal codec is automatically selected from AAC, LDAC, and SBC.
- Priority on stable connection: SBC is selected.

1 Set the speaker to the BLUETOOTH/Network standby mode.

   The (power) indicator lights up in orange.

2 Press and hold the (power)/PAIRING button and + (volume) button for more than four seconds.

   When the setting is changed to "Priority on sound quality" mode, the BLUETOOTH indicator flashes three times.
   When the setting is changed to "Priority on stable connection" mode, the BLUETOOTH indicator flashes twice.

The playback quality is switched, and the speaker turns on.
**Hint**

- You can switch the playback quality by using SongPal. "Priority on sound quality" appears as [Auto] and "Priority on stable connection" appears as [SBC] when setting with SongPal.

**Note**

- Communication may become unstable in the "Priority on sound quality" mode, depending on the setting of your BLUETOOTH device and the ambient conditions. In this case, reset the speaker to the "Priority on stable connection" mode by performing steps 1 and 2 above.

- When the playback quality setting is changed by using SongPal while the speaker is turned on, the BLUETOOTH connection is terminated. In this case, connect the BLUETOOTH device manually again. After reconnecting, the playback quality is switched.

- You may also need to adjust the settings of the connected device to change the playback quality setting, such as SBC, AAC, LDAC. For details, refer to the operating instructions supplied with the device.

**Related Topic**

- Using the BLUETOOTH/Network standby mode
- Setting the BLUETOOTH audio streaming playback quality (Codec)
Listening to music on a PC via a network (Windows 8.1) (Windows Media Player)

You can use a PC as a controller (operating device). Music can be played back by using the "Play To" function, after starting Windows Media Player. Follow the instructions on the PC screen to operate.

1 **Connect the speaker and the PC to the same network.**
   
   Connect the speaker and the PC to the same SSID of the wireless router. The LINK indicator lights up in orange or pink when the speaker is connected to your network.

2 **Tap the FUNCTION button repeatedly until the NETWORK indicator lights up.**

   The speaker enters the NETWORK mode.

   ![NETWORK Indicator](image)

   The speaker can also be switched to NETWORK mode automatically instead of pressing the FUNCTION button, by starting Windows Media Player then playing back music using the "Play To" function.

3 **Click or tap 🌐 at the bottom-left of the Start screen.**

4 **Select [Windows Media Player].**
5 Right-click or tap and hold a song to be played.

6 Select [Play To] from the menu.

The device list appears.

7 Tap [SRS-ZR5].
8 Select a song to play and adjust the volume.

The selected song will be heard from the speaker.

**Hint**

- After SongPal is downloaded and installed to your smartphone/iPhone, you can use your smartphone/iPhone as a remote control to operate devices connected to the speaker.

**Note**

- The procedure explained above is for guidance only. Normally, the volume level on a PC and the speaker do not synchronize. However, depending on the version of Windows Media Player installed on a PC or the PC's condition, the volume levels may synchronize.

- The speaker can play MP3, WMA, AAC and WAV format files (only AAC files with the extension ".m4a," ".mp4," or ".3gp" can be played). Even if the bit rate and file format are supported, the playing back of all files is not guaranteed. There may be a specification change.

- Files with DRM (Digital Rights Management) copyright protection cannot be played on the speaker. To check if a WMA file is protected by DRM, right-click the file on the PC. If there is a [License] tab, the file is DRM-copyrighted.

- When you listen to music via a home network, it may take some time to start, since each DLNA-compatible device has to recognize the component currently used.

- Some content may not be playable with DLNA certified products.

**Related Topic**

- Setting your PC as a DLNA server and controller (Windows 8.1)
- Listening to music on a PC via a Wi-Fi network
Listening to music on a PC via a network (Windows 7) (Windows Media Player)

You can use a PC as a controller (operating device). Music stored in the PC can be played back by simple operations with the [Play To] function of Windows 7. Follow the instructions on the PC screen to operate.

1 **Connect the speaker and the PC to the same network.**
   
   Connect the speaker and the PC to the same SSID of the wireless router. The LINK indicator lights up in orange or pink when the speaker is connected to your network.

2 **Tap the FUNCTION button repeatedly until the NETWORK indicator lights up.**
   
   The speaker enters the NETWORK mode.

   ![NETWORK Mode](image)

   The speaker can also be switched to the NETWORK mode automatically instead of pressing the FUNCTION button, by starting Windows Media Player then playing back music using the [Play To] function.

3 **Start [Windows Media Player] in the PC.**

4 **Right-click the song to be played.**

5 **Select [Play To] from the menu.**
After SongPal is downloaded and installed to your smartphone, iPhone, etc., you can use your smartphone, iPhone, etc. as a remote control to operate devices connected to the speaker.

The device list appears.

6 Tap [SRS-ZR5].

7 Select a song to play and adjust the volume.

The selected song will be heard from the speaker.

**Hint**

After SongPal is downloaded and installed to your smartphone, iPhone, etc., you can use your smartphone, iPhone, etc. as a remote control to operate devices connected to the speaker.

**Note**

The speaker can play MP3, WMA, AAC and WAV format files (only AAC files with the extension ".m4a," ".mp4." or ".3gp" can be played). Even if the bit rate and file format are supported, the playback of all files is not guaranteed. There may be a specification change.
Files with DRM (Digital Rights Management) copyright protection cannot be played on the speaker. To check if a WMA file is protected by DRM, right-click the file on the PC. If there is a [License] tab, the file is DRM-copyrighted.

When you listen to music via a home network, it may take some time to start, since each DLNA-compatible device has to recognize the component currently used.

Some content may not be playable with DLNA certified products.

**Related Topic**
- Setting your PC as a DLNA server and controller (Windows 7)
- Listening to music on a PC via a Wi-Fi network
Listening to music on a PC via a network (Media Go)

You can share music on your PC (server function) with the free application Media Go installed on your PC. You can listen to music on your PC from the speaker via a Wi-Fi network.

Install or update the latest version of Media Go on your PC beforehand. Access the following website to download the application. You may have to pay a communication fee, depending on your Internet contract.

For customers in Europe: http://www.sony.eu/support
For customers in the USA: http://esupport.sony.com/US
For customers in Canada: http://esupport.sony.com/CA/
For customers in other countries/regions: http://www.sony-asia.com/section/support

For details how to install the application, follow the instructions on the website.

The specification and design of the application may change without notice.

1 **Connect the speaker and a PC to the same network.**

   Connect the speaker and the PC to the same SSID of your wireless router.
   The LINK indicator lights up in orange or pink when the speaker is connected to your network.

2 **Tap the FUNCTION button repeatedly until the NETWORK indicator lights up.**

   The speaker enters the NETWORK mode.
3 Start [Media Go] installed on the PC.

4 Select an audio file from [Library] on the screen, and then select (Throw) from the bottom of the Media Go window.

5 Select [SRS-ZR5] on the Throw menu of Media Go.

6 Select a song to play and adjust the volume.
   The selected song will be heard from the speaker.

**Note**
- To listen to music on x-app, register the x-app music in the library of Media Go then play back via Media Go. For details, refer to the help guide of Media Go.
- Before listening to music, connect your smartphone/iPhone installed with SongPal to the same network as used by the speaker and PC.
- The speaker can play MP3, WMA, AAC, WAV, FLAC, ALAC, AIFF, and DSD format files (only AAC files with the extension ".m4a,” ".mp4,” or “.3gp” are playable). Even if the bit rate and file format are supported, the playing back of all files is not guaranteed. There may be a specification change.
Files with DRM (Digital Rights Management) copyright protection cannot be played on the speaker. To check if a WMA file is protected by DRM, right-click the file on the PC. If there is a [License] tab, the file is DRM-copyrighted.

When you listen to music via a home network, it may take some time to start, since each DLNA-compatible device has to recognize the component currently used.

Some content may not be playable with DLNA certified products.

Related Topic

Listening to music on a PC via a network (Media Go with SongPal operation)
Listening to music on a PC via a network (Media Go with SongPal operation)

You can share music on your PC (server function) with the free application Media Go installed on your PC. You can listen to music on your PC from the speaker via a Wi-Fi network by using the SongPal installed on your smartphone, iPhone, etc. as a DLNA controller.

Install or update the latest version of Media Go on your PC beforehand. Access the following website to download the application. You may have to pay a communication fee, depending on your Internet contract.

For customers in Europe:
http://www.sony.eu/support
For customers in the USA:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support
For details how to install the application, follow the instructions on the website.

The specification and design of the application may change without notice.

1 Connect the speaker, a PC and a smartphone, iPhone, etc. with SongPal installed to the same network.

Connect the speaker, the PC and the smartphone, iPhone, etc. to the same SSID of the wireless router. The LINK indicator lights up in orange or pink when the speaker is connected to your network.

2 Tap the FUNCTION button repeatedly until the NETWORK indicator lights up.

The speaker enters the NETWORK mode.
3 Start [Media Go] installed on the PC.

4 Select [Preferences...] from the [Tools] menu.

5 Select [Media Sharing] on the [Preferences...] screen.
6 Check [Library name] of [Media Sharing].

You can change [Library name] to any name. Make sure that a check mark is in all three items of [Media Sharing].

7 Start up SongPal to select music on the PC.

Tap [SongPal] on your smartphone, iPhone, etc.

8 Tap [SRS-ZR5].

9 Tap [Home Network].
10 **Tap the library name checked in step 8 from the server list that appeared on the screen.**

11 **Tap [Music], then select a song from the list, and start playback.**

The playback of the videos and photos are not supported.

The selected song will be heard from the speaker.

12 **Adjust the volume using SongPal.**
Note

- To listen to music on x-app, register the x-app music in the library of Media Go then play back via Media Go. For details, refer to the help guide of Media Go.
- Before listening to music, connect your smartphone, iPhone, etc. installed with SongPal to the same network as used by the speaker and PC.
- The speaker can play MP3, WMA, AAC, WAV, FLAC, ALAC, AIFF, and DSD format files (only AAC files with the extension ".m4a," ".mp4," or ".3gp" are playable). Even if the bit rate and file format are supported, the playing back of all files is not guaranteed. There may be a specification change.
- Files with DRM (Digital Rights Management) copyright protection cannot be played on the speaker. To check if a WMA file is protected by DRM, right-click the file on the PC. If there is a [License] tab, the file is DRM-copyrighted.
- When you listen to music via a home network, it may take some time to start, since each DLNA-compatible device has to recognize the component currently used.
- Some content may not be playable with DLNA certified products.

Related Topic

- Listening to music on a PC via a Wi-Fi network
Listening to music with the Music application (Xperia)

Using the Music application, you can play music stored in an Xperia.
Do the following before starting.

- The Music application is pre-installed in your Xperia.
- Operations of the Music application are subject to change without notice. For details about how to use the Music application, refer to the operating instructions supplied with the Xperia.
- Your Xperia may need to disable [Auto-select wireless option] of [Throw settings]. For details, refer to the user guide of Xperia.
- Update the Android OS on your Xperia to the latest version before using it with the speaker.

Hint
- Depending on the model, a music application installed in Xperia may be called as Music or WALKMAN.

1 Connect the speaker and an Xperia to the same network.

Connect the speaker and your Xperia to the same SSID of the wireless router. The LINK indicator lights up in orange or pink when the connection is complete.

2 Tap the FUNCTION button repeatedly until the NETWORK indicator lights up.

The speaker enters the NETWORK mode.

The speaker can also be switched to the NETWORK mode automatically, instead of touching the FUNCTION button, by selecting the speaker in the menu of the Music application on the Xperia, then playing back music.
3 Start up [Music] on your Xperia.

4 Tap and [SRS-ZR5] on the Xperia.

5 Start playing back music on the Xperia, and adjust the volume.

Music will be heard from the speaker.
If playback does not start, perform the process again from step 1.

Hint
- Refer to the operating instructions of your Xperia for details.
- For details on the use of the Android OS, refer to Help of Android OS.
Listening to an Internet music service (Spotify)

“Spotify” gives you instant access to millions of songs. The “Spotify Connect” feature lets you select music on the Spotify app and stream it on the unit. To use “Spotify Connect” feature, you need a Premium account. For details about Spotify, refer to the following URL:
www.spotify.com/connect

Note
- Depending on the country or region, the Spotify service availability may differ.

1 Connect the speaker and a smartphone, iPhone, etc. to the same network.

Connect the speaker and the smartphone, iPhone, etc. to the same SSID of the wireless router. The LINK indicator lights up in orange or pink when the speaker is connected to your network.

2 Tap the FUNCTION button.

The NETWORK indicator lights up in white, and the speaker switches to NETWORK mode.

3 Download the Spotify app to your smartphone, iPhone, etc. from Google Play or the App Store.

4 Launch the Spotify app and log in to a Spotify Premium account.
5 Select and start playing the music.

6 Tap the Connect icon ( ) and select the unit as the audio output device.

Hint
When “Spotify Connect” is activated, the Connect icon ( ) lights up.

_Select the unit_
Listening to music on a device via a BLUETOOTH connection

You can enjoy listening to music of a BLUETOOTH device and operate it via a BLUETOOTH connection if it supports the following BLUETOOTH profiles.

- **A2DP (Advanced Audio Distribution Profile)**
  Enables you to enjoy high-quality audio contents wirelessly.

- **AVRCP (Audio Video Remote Control Profile)**
  Enables you to adjust the volume of a BLUETOOTH device.

The volume of a BLUETOOTH device may not be adjusted depending on the BLUETOOTH device. Refer also to the operating instructions supplied with your BLUETOOTH device.

**Note**
- Make sure beforehand that the volume on the BLUETOOTH device is set to a moderate level to avoid sudden loud sound output from the speaker.

1. **Connect the speaker with the BLUETOOTH device.**
   The BLUETOOTH indicator lights up in white when the BLUETOOTH connection is established.

2. **Adjust the volume with your BLUETOOTH device or by tapping the -/+ (volume) buttons of the speaker.**
   When you tap the -/+ (volume) button, the (power) indicator flashes once or three times according to the volume.
3 Start playback on the BLUETOOTH device.

**Hint**
- After SongPal is downloaded and installed to your smartphone, iPhone, etc., you can use your smartphone, iPhone, etc. as a remote control to operate devices connected to the speaker.
- SongPal has no function to play music via a BLUETOOTH connection. Play music with your BLUETOOTH device such as smartphone, PC, etc.
- Depending on the BLUETOOTH device, it may be necessary to adjust the volume or set the audio output setting on the connected device.

**Note**
- Stop playback on the BLUETOOTH device and turn down the volume of the device beforehand. When pairing is completed, loud sound may output from the speaker. Otherwise, you may experience sudden loud sound from the speaker when music is played back for the first time after pairing.
- If the communication condition is poor, the BLUETOOTH device may react incorrectly to the operation on the speaker.

**Related Topic**
- Selecting the BLUETOOTH audio streaming playback quality (Codec)
- Terminating the BLUETOOTH connection (After use)
**Terminating the BLUETOOTH connection (After use)**

When you finish playing music with the BLUETOOTH device, perform any of the following operations to terminate the BLUETOOTH connection.

- Turn off the BLUETOOTH function on the BLUETOOTH device. For details, refer to the operating instructions supplied with the device.
- Turn off the BLUETOOTH device.
- Turn off the speaker.
- Touch the paired device to N-Mark of the speaker again (for the NFC-compatible device).

**Hint**

- If no operation is performed and no music (sound) is input by a BLUETOOTH device for about 15 minutes, the speaker is turned off automatically by the auto standby mode, then the BLUETOOTH connection terminates.
- When you finish playing music, the BLUETOOTH connection may terminate automatically, depending on the BLUETOOTH device.

**Related Topic**

- Auto standby mode
- Disconnecting the NFC-compatible device by one touch (NFC)
Listening to music on a USB flash drive

You can connect a USB flash drive to the USB port (●) directly. You can also use a commercially-available USB cable to connect a USB device. Music stored in a USB flash drive connected to the USB port (●) can be played back by a smartphone, iPhone, etc. installed with SongPal.

1 Connect the USB flash drive to the USB port (●).

2 Tap the FUNCTION button repeatedly until the USB indicator lights up.

The speaker switches to the USB mode, and the USB indicator lights up in white.

3 Operate SongPal as a remote controller to play back music.

4 Tap -/+ (volume) buttons to adjust the volume.

When you tap the -/+ (volume) buttons, the (power) indicator flashes once or three times according to the volume adjustment.
What you can do with the speaker during playback

You can adjust the volume using the -/+ (volume) buttons.

**Hint**
- After SongPal is downloaded and installed to your smartphone, iPhone, etc., you can use it as a remote control.

**Note**
- Sony is not responsible for any loss or damage to data in a USB flash drive that is connected to the speaker.
- Do not disconnect a USB flash drive during operation. To prevent damage to data, stop playback, then turn off the power of the speaker before disconnecting the device.
- Sony does not guarantee correct operation when a USB hub or USB extension cable is used.
- When you connect a USB flash drive, the speaker starts reading all the data stored on it. Reading files may take some time.
- Operation may become slow depending on the USB flash drive.

**Related Topic**
- Listening to music on a device via a USB connection
Listening to music on a Walkman

You can listen to music on a Walkman by connecting it to the USB port (一口) with the USB cable supplied with the Walkman.

1 Connect the Walkman to the USB port (一口).

2 Tap the FUNCTION button repeatedly until the USB indicator lights up.

   The speaker switches to USB mode and the USB indicator lights up in white.

3 Operate SongPal as a remote controller to play back music.

4 Tap -/+ (volume) buttons to adjust the volume.

   When you tap the -/+ (volume) buttons, the (power) indicator flashes once or three times according to the volume adjustment.
What you can do with the speaker during playback

You can adjust the volume using the +/- (volume) buttons.

**Hint**
- After SongPal is downloaded and installed to your smartphone, iPhone, etc., you can use it as a remote control.

**Note**
- Files imported by x-app. cannot be played back. Connect the Walkman to the AUDIO IN jack of the speaker, and play back these files on the AUDIO IN mode.
- The speaker supports only audio playback functions of Walkman.
- Sony is not responsible for any loss or damage to data in a Walkman that is connected to the speaker.
- Correct operation is not guaranteed, even for a supported Walkman.
- When the Walkman is connected, sound is not output from its headphone jack.

**Related Topic**
- Listening to music on a device via a USB connection
Listening to music on a portable audio device, etc.

You can use the speaker as an ordinary wired speaker system by connecting a portable audio device, etc., using a commercially-available audio cable (with stereo mini plugs).

1  Connect the device to the speaker using a commercially-available audio cable.

2  Turn on the speaker.

   The $\mathcal{O}$ (power) indicator lights up in green.

3  Tap the FUNCTION button repeatedly to light up the AUDIO IN indicator.

   The speaker enters the AUDIO IN mode.

4  Turn on the connected device.

5  Operate the connected device to start playback and adjust the volume to a moderate level.

6  Tap the $\pm$ (volume) buttons to adjust the volume.
When you tap the –/+ (volume) buttons, the (power) indicator flashes once or three times according to the volume.

**Hint**

- After SongPal is downloaded and installed to your smartphone, iPhone, etc., you can use it as a remote control to adjust the speaker's volume, etc.
Help Guide
Personal Audio System
SRS-ZR5

Listening to TV sound

Connect the speaker to the HDMI IN ARC port on your TV to listen to TV sound from the speaker.

1 Connect a High Speed Type HDMI cable to the HDMI ARC TO TV port on the speaker and the HDMI IN ARC port on your TV.

2 Tap the FUNCTION button repeatedly until the HDMI indicator lights up.
   The speaker enters in the HDMI mode.

3 Set the audio output setting to PCM on the TV.

4 Select a TV program with a remote control supplied with the TV.
Specifications

Speaker section

Speaker system

Woofer: approx. 70 mm (2 3/4 inches) dia.
Tweeter: approx. 14 mm (35/64 inches) dia.

Enclosure system

Passive radiator type

Network section

Compatible standards

IEEE 802.11 a/b/g/n (WEP 64 bit, WEP 128 bit, WPA/WPA2-PSK (AES), WPA/WPA2-PSK (TKIP))

Radio frequency

2.4/5 GHz band

BLUETOOTH section

Output

BLUETOOTH Specification Power Class 2

Maximum communication range

Line of sight approx. 10 m (30 ft)*1

Radio frequency

2.4 GHz band (2.4000 GHz to 2.4835 GHz)

Communication system

BLUETOOTH Specification Ver. 4.2+EDR standard

Modulation scheme

FHSS

*2
Compatible BLUETOOTH Profiles

A2DP (Advanced Audio Distribution Profile)
AVRCP (Audio Video Remote Control Profile)
SPP (Serial Port Profile)

Supported codec*3

SBC*4
AAC*5
LDAC*6

Corresponding content protection

SCMS-T

Transmission bandwidth (A2DP)

20 Hz to 20,000 Hz (with 44.1 kHz for sampling)

*1 The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, aerial’s performance, operating system, software application, etc.

*2 BLUETOOTH standard profiles indicate the purpose of BLUETOOTH communication between devices.

*3 Codec: Audio signal compression and conversion format

*4 Subband Codec

*5 Advanced Audio Coding

*6 LDAC is an audio coding technology developed by Sony that enables the transmission of High-Resolution (Hi-Res) Audio content, even over a BLUETOOTH connection.

Others

AUDIO IN (external input) jack

ø3.5 mm stereo mini jack

LAN port

10BASE-T/100BASE-TX (automatic polarity control)

Operating temperature

5 °C to 35 °C (41 °F to 95 °F)

Related Topic

- Trademarks
# About the indicators

## (power) indicator

<table>
<thead>
<tr>
<th>Lights up (green)</th>
<th>The speaker is turned on.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lights up (orange)</td>
<td>The speaker is in the BLUETOOTH/Network standby mode.</td>
</tr>
<tr>
<td>Turns off</td>
<td>The speaker is in the standby mode.</td>
</tr>
<tr>
<td>Flashes (green)</td>
<td>When you turn on the speaker, the indicator flashes slowly in green, then lights up in green.</td>
</tr>
<tr>
<td></td>
<td>When you turn off the speaker, the indicator flashes slowly in green, then lights up in orange or lights off. While the indicator is flashing, the speaker is not operational.</td>
</tr>
<tr>
<td></td>
<td>When you tap the -/+ (volume) buttons, the indicator flashes once or three times according to the volume adjustment.</td>
</tr>
<tr>
<td>Flashes (red)</td>
<td>The speaker is in the protect mode, or the software update has failed.</td>
</tr>
</tbody>
</table>

## LINK indicator

<table>
<thead>
<tr>
<th>Lights up (orange)</th>
<th>The speaker is connected to a Wi-Fi network.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lights up (pink)</td>
<td>The speaker is connected to a wired network.</td>
</tr>
<tr>
<td>Flashes (orange)</td>
<td>The speaker is in the process of connecting to a Wi-Fi network.</td>
</tr>
<tr>
<td>Flashes (pink)</td>
<td>The speaker is in the process of connecting to a wired network.</td>
</tr>
<tr>
<td>Flashes (red)</td>
<td>The network connection failed.</td>
</tr>
<tr>
<td>Lights up (red)</td>
<td>The network connection failed, or connection failed even though the network setting is complete.</td>
</tr>
</tbody>
</table>

## AUDIO IN indicator

| Lights up (white) | The speaker is in the AUDIO IN mode. |

## USB indicator

| Lights up | The speaker is in the USB mode. |
### BLUETOOTH indicator

<table>
<thead>
<tr>
<th>Indication</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lights up (white)</td>
<td>The speaker is connected to a BLUETOOTH device.</td>
</tr>
<tr>
<td>Flashes quickly (white)</td>
<td>The speaker is pairing with a BLUETOOTH device.</td>
</tr>
<tr>
<td>Flashes (white)</td>
<td>The speaker is searching for a BLUETOOTH device to connect.</td>
</tr>
</tbody>
</table>

### HDMI indicator

<table>
<thead>
<tr>
<th>Indication</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lights up (white)</td>
<td>The speaker is in the HDMI mode, but the HDMI ARC TO TV port of the speaker is connected to a TV.</td>
</tr>
<tr>
<td>Flashes (white)</td>
<td>The speaker is in the HDMI mode, but the speaker is not connected to a TV.</td>
</tr>
</tbody>
</table>

### NETWORK indicator

<table>
<thead>
<tr>
<th>Indication</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lights up (white)</td>
<td>The speaker is in the NETWORK mode.</td>
</tr>
<tr>
<td>Lights up (green or light blue)</td>
<td>The speaker is connected to a music service.</td>
</tr>
</tbody>
</table>

### UPDATE indicator

<table>
<thead>
<tr>
<th>Indication</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lights up (orange)</td>
<td>The speaker detected the availability of a software update while connected to the Internet. After pressing and holding the UPDATE button for 2 seconds while the indicator is lit, the software update starts when the speaker beeps.</td>
</tr>
<tr>
<td>Flashes (orange)</td>
<td>The speaker is updating the software. During the update, you cannot operate the speaker. When the speaker turns on for the first time after the software update, the UPDATE button flashes three times to inform you that the update has completed.</td>
</tr>
</tbody>
</table>

### L/R indicators

Lights up or flashes depending on the status of the speaker while the Wireless Surround function or the Wireless Stereo function is on.

---

*1 When checking the Wi-Fi signal strength (reception sensitivity), the indicator is lit while connected to the Wi-Fi network.  
*2 When switching the wireless function to on/off, the indicator flashes.  
*3 When switching the BLUETOOTH audio streaming playback quality of the speaker, the indicator flashes.  
*4 If the software updating has failed, the indicator is lit.  
*5 Available when updating your speaker's pre-installed software  
*6 When disabling the Wi-Fi network function and BLUETOOTH network function, the indicator flashes.

**Related Topic**

- Parts and controls  
- Checking the Wi-Fi signal strength (reception sensitivity)  
- Updating the pre-installed software  
- The power indicator flashes in red  
- Disabling the Wi-Fi network function and BLUETOOTH network function
Compatible iPhone/iPod touch models

iPhone/iPod touch models that can be used with the speaker are shown below.
Update the software of your iPhone/iPod touch to the latest version before using it with the speaker.
For the latest iPhone/iPod touch compatible models, access the following URL:
For customers in Europe:
http://www.sony.eu/support
For customers in the USA:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support

Bluetooth technology works with iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s, iPod touch (6th generation), iPod touch (5th generation).

Note
- Sony cannot accept responsibility in the event that data recorded to an iPhone/iPod touch is lost or damaged when it is connected to this speaker.
Compatible Walkman models

For the latest compatible models, access the following URL:
For customers in Europe:
http://www.sony.eu/support
For customers in the USA:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support
Personal Audio System
SRS-ZR5

Compatible operating systems (Windows)

Compatible PC
IBM PC/AT compatible PCs

Supported Operating Systems
- Windows RT 8.1
- Windows 8.1 Enterprise
- Windows 8.1 Pro
- Windows RT
- Windows 8 Enterprise
- Windows 8 Professional
- Windows 8 Core Edition
- Windows 7 Ultimate
- Windows 7 Professional
- Windows 7 Home Premium
- Windows 7 Home Basic
- Windows 7 Starter
- Windows Vista Ultimate
- Windows Vista Business
- Windows Vista Home Premium
- Windows Vista Home Basic

Suitable browsers
Internet Explorer 9 or later

- Any of the above operating systems must be factory installed in the PC.
- Correct operation of all PCs is not guaranteed.
- Correct operation with a home-built PC, personally upgraded operating system, or multi-boot environment is not guaranteed.
- Operations such as standby mode, sleep mode or pause mode are not guaranteed for all PCs.

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Compatible operating systems (Mac)

### Supported Operating Systems

- Mac OS X v10.11 El Capitan
- Mac OS X v10.10 Yosemite
- Mac OS X v10.9 Mavericks
- Mac OS X v10.8 Mountain Lion
- Mac OS X v10.7 Lion
- Mac OS X v10.6 Snow Leopard

### Suitable browsers

Safari (latest version at the time of Mac OS X v10.6 Snow Leopard being released, or later)

- Any of the above operating systems must be factory installed in the PC.
- Correct operation of all PCs is not guaranteed.
- Correct operation with a home-built PC, personally upgraded operating system, or multi-boot environment is not guaranteed.
- Operations such as standby mode, sleep mode or pause mode are not guaranteed for all PCs.
Personal Audio System
SRS-ZR5

Compatible DLNA devices

For the latest compatible models, access the following URL:
For customers in Europe:
http://www.sony.eu/support
For customers in the USA:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support
Compatible BLUETOOTH devices

For the latest compatible models, access the following URL:
For customers in Europe:
http://www.sony.eu/support
For customers in the USA:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support

Compatible BLUETOOTH Profiles*1

A2DP (Advanced Audio Distribution Profile)
AVRCP (Audio Video Remote Control Profile)
SPP (Serial Port Profile)

Supported codec*2

SBC*3
AAC*4
LDAC

*1 BLUETOOTH standard profiles indicate the purpose of BLUETOOTH communication between devices.
*2 Codec: Audio signal compression and conversion format
*3 Subband Codec
*4 Advanced Audio Coding
**Compatible USB devices**

For the latest compatible models, access the following URL:
For customers in Europe:
http://www.sony.eu/support
For customers in the USA:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support

USB port (●) supported format

- MP3: 32/44.1/48 kHz, 16-320 kbps (CBR/VBR)
- AAC: 32/44.1/48/88.2/96 kHz, 16-320 kbps (CBR/VBR)
- WMA: 32/44.1/48 kHz, 16-320 kbps (CBR/VBR)
- WAV: 32/44.1/48/88.2/96/176.4/192 kHz (16/24 bit)
- AIFF: 32/44.1/48/88.2/96/176.4/192 kHz (16/24 bit)
- FLAC: 32/44.1/48/88.2/96/176.4/192 kHz (16/24 bit)
- ALAC: 32/44.1/48/88.2/96/176.4/192 kHz (16/24 bit)
- DSD (DSF/DSDIFF): 2.8/5.6 MHz (1 bit)

* Compatibility with all encoding/writing software, recording devices and recording media cannot be guaranteed.
Updating the pre-installed software

When a new version of the software is released, you can update your speaker’s pre-installed software by using the following methods.
By updating the software, new features will be added enabling you to experience more convenient and stable use.

- **Update method 1: Automatic update via the Internet**
  When the speaker is connected to the Internet, it can detect a new software version and automatically update when you are not using the speaker. This feature requires speaker settings to be made.

- **Update method 2: Manual update via the Internet**
  When the speaker is connected to the Internet, it can detect a new software version and if found, and the UPDATE indicator lights up in orange to inform you. This is the default setting.

- **Update method 3: Manual update via a USB flash drive**
  When the speaker is not connected to the Internet, use a PC or another device to download the update file, then install it to the speaker.

**Hint**
- The UPDATE indicator turns off and the speaker switches to standby mode or BLUETOOTH/Network standby mode automatically when the updating is completed.
- When the speaker is turned on for the first time after updating, the UPDATE indicator flashes in orange three times.

**Related Topic**
- Manual update via a USB flash drive (when the update via a network has failed)
Update method 1: Automatic update via the Internet

When you use the speaker while connected to the Internet via a wired or Wi-Fi network, the speaker can update to the latest software automatically.
This feature is disabled by default.

To update software automatically
- Launch SongPal on your smartphone, iPhone, etc., and set on [System] in the [Settings] menu.
  The automatic software update feature ([Auto Update]) of the speaker is activated. If [Auto Update] is disabled, change the setting to enable.
- The update is performed when you are not using the speaker, such as during midnight or when the speaker is in standby mode. During an update, the UPDATE indicator flashes in orange, and turns off when the update is complete. When the speaker is turned on for the first time after updating, the UPDATE indicator flashes in orange three times.

To deactivate the software automatic update
- Disable [Auto Update] in the [Settings] menu by using SongPal installed on a smartphone, iPhone, etc.
- However, the software may still be updated automatically for critical changes, even if you disable this function.

If the indicator and the button flash as explained in the following
- The (power) indicator flashes in red and the UPDATE indicator flashes in orange.

The software update has failed. If the network connection is not reliable, the update may fail before it completes. See the following to update using a USB flash drive.

Manual update via a USB flash drive (when the update via a network has failed)

Hint
- The number of flashes of the UPDATE indicator indicates the update’s progress. The UPDATE indicator flashes four times at first, and decreases by one flash, then turns off when the updating is completed. Do not turn the speaker off during the update.
- When the speaker is connected to the Internet via a wired or Wi-Fi network, the UPDATE indicator on the speaker lights up in orange when the speaker detects a new software version. (The UPDATE indicator is usually turned off.)
- Regardless of the [Auto Update] setting, the UPDATE indicator lights up in orange when the speaker detects a new software version.
- You can update the software manually even when the [Auto Update] setting is activated. See "Update method 2: Manual update via the Internet."

Note
- Updating normally takes 3 to 10 minutes. It may take longer depending on your network environment.
- Do not operate the speaker during an update. Also, keep the speaker connected to the power supply and network while updating.
- While updating via the Internet, you can terminate the update procedure by pressing the UPDATE/WPS button when the UPDATE indicator flashes four times. (This is not always possible.) If you cancel the update, the UPDATE indicator will stay lit again.
**Related Topic**

- Searching the latest software via a network connection
Update method 2: Manual update via the Internet

When the speaker is connected to the Internet via a wired or Wi-Fi network, the UPDATE indicator on the speaker lights up in orange when the speaker detects a new software version. (The UPDATE indicator is usually turned off.) In this case, follow the steps below to update the software to the latest version. When the update starts, any music being played will stop. Also, any BLUETOOTH connection is disconnected.

1 When the UPDATE indicator is lit in orange, press and hold the UPDATE/WPS button until beeps are heard.

When the updating starts, the UPDATE indicator flashes in orange.
While updating, the speaker cannot be operated.

The UPDATE indicator turns off and the speaker switches to standby mode or BLUETOOTH/Network standby mode automatically when the updating is completed.
When the speaker is turned on for the first time after updating, the UPDATE indicator flashes in orange three times.

If the \( \mathcal{O} \) (power) indicator flashes in red and the UPDATE indicator flashes in orange during the update

The update has failed.
If the network connection is not reliable, the update may fail before it completes. See the following to update using a USB flash drive.
Manual update via a USB flash drive (when the update via a network has failed)
**Hint**

- The number of flashes of the UPDATE indicator indicates the update’s progress. The UPDATE indicator flashes four times at first, and decreases by one flash, then turns off when the updating is completed. Do not turn the speaker off during the update.

**Note**

- Updating normally takes 3 to 10 minutes. It may take longer depending on your network environment.
- Do not operate the speaker during an update. Keep the speaker connected to the power supply and network while updating.
- While updating via the Internet, you can terminate the update procedure by holding the UPDATE/WPS button when the UPDATE indicator flashes four times. (This is not always possible.) If you cancel the update, the UPDATE indicator will stay lit again.
Update method 3: Manual update via a USB flash drive

You can use a USB flash drive to update the software when the speaker is not connected to the Internet. Follow the steps below.

1. **Stop any music that is being played.**

2. **Download the update file from the website below, then store it in a USB flash drive.**
   - For customers in Europe: http://www.sony.eu/support
   - For customers in the USA: http://esupport.sony.com/US
   - For customers in Canada: http://esupport.sony.com/CA/
   - For customers in other countries/regions: http://www.sony-asia.com/section/support

3. **Connect the USB flash drive to the USB port (\( \text{\includegraphics[width=0.1\textwidth]{usb_port.png}} \)) on the speaker.**

4. **Tap/press and hold both the FUNCTION button and UPDATE/WPS button until beeps are heard.**

   ![FUNCTION and UPDATE/WPS buttons](image)

When the update starts, the UPDATE indicator flashes in orange. While updating, the speaker cannot be operated. The UPDATE indicator turns off and the speaker enters to the standby mode or BLUETOOTH/Network standby mode automatically when the updating is completed.
When you turn on the speaker for the first time after an update, the UPDATE indicator flashes in orange three times.

**Hint**
- The number of flashes of the UPDATE indicator will change according to the update’s progress. The UPDATE indicator flashes four times at first, and decreases by one flash, then turns off when the updating is completed. Do not turn the speaker off during the update.

**Note**
- When you update using a USB flash drive, the update cannot be stopped. If the USB flash drive is removed or the speaker is unplugged from the power supply during the update, the speaker will malfunction.
- Updating normally takes 3 to 10 minutes.
- Do not operate the speaker during an update. Also, keep the speaker connected to the power supply and network while updating.
Searching the latest software via a network connection

The speaker has a function which updates the latest software automatically via a Wi-Fi or wired network. When the latest software is released and the speaker searches it, the UPDATE indicator lights up in orange. To avoid the network trouble by many accessing the network server, the searching timing is differ to each speaker. You can also check manually if the latest software is released.

This section explains how to check the latest software releasing manually. Do the following before starting.

- Check that the speaker is connected to a Wi-Fi network.
- Check that the LINK indicator lights up in orange or pink.
- Check that the UPDATE indicator lights off.
  If the indicator lights up in orange, the speaker has already searched the latest software, and you cannot operate the following procedure. Start updating the software.

1  Press the UPDATE/WPS button on the rear of the speaker.

   The UPDATE indicator flashes in orange\(^1\), the NETWORK indicator lights up, and the speaker starts searching if the latest software is released.

2  Check the UPDATE indicator as followings.

   - Lights off: The software of this speaker is the latest version.
   - Lights up in orange: The latest software is released.

   If you set the function, which updates the speaker software automatically, to enable by SongPal, the speaker will update the software while you are not using the speaker, such as midnight or when the speaker is in the standby mode. When you update the software immediately, update manually as followings.

   When updating starts, the playback is stopped and the BLUETOOTH connection is disconnected.
When the UPDATE indicator lights up in orange, press and hold the UPDATE/WPS button until the beep sound is heard.

When updating starts, the UPDATE indicator flashes in orange.
While updating, the speaker cannot be operated.

When software updating is completed, the UPDATE indicator lights off, and the speaker enters the standby mode or BLUETOOTH/Network mode automatically.
When turning on the speaker after updating, the UPDATE indicator flashes three times in orange.

* The checking is finished immediately. So, you cannot see the flashing indicator. Depending on the network environment, it may take time. In this case, wait for about one minute.

**Related Topic**
- Update method 2: Manual update via the Internet
Manual update via a USB flash drive (when the update via a network has failed)

If the (power) indicator flashes in red and the UPDATE indicator flashes in orange, the software update has failed. In this case, the speaker will not respond to any operation and no function can be used, except the (power)/PAIRING button operation. Follow the procedure below to check the speaker’s condition, then complete the software update with an appropriate method.

1. Press the (power)/PAIRING button to turn off the speaker, and then press it to turn on the speaker.

2. Wait for about three minutes (or until a network connection is established), then check the condition of the UPDATE indicator and (power) indicator.

   • **When the UPDATE button lights up in orange**: The update is not complete, though the speaker can be used normally. Turn the speaker off again, then refer to the following to complete the software update using a USB flash drive.

     Update method 3: Manual update via a USB flash drive

   • **When the UPDATE indicator flashes in orange and the (power) indicator flashes in red (the same as the situation before turning the speaker on again)**: The update has failed and the speaker cannot be used. Proceed to the next step to update using a USB flash drive.

     The update procedure is different from "Update Method 3" and the following steps are required. In this case, the update cannot be performed via a network.

3. If the UPDATE indicator flashes in orange and the (power) indicator flashes in red, follow the procedure below to update.

   1. Download the update file from the website below, then store it in a USB flash drive.

      For customers in Europe:
      http://www.sony.eu/support
      For customers in the USA:
      http://esupport.sony.com/US
      For customers in Canada:
      http://esupport.sony.com/CA/
      For customers in other countries/regions:
      http://www.sony-asia.com/section/support

   2. Turn the speaker off again.

      After turning off the speaker, complete following steps until turning on the power again within three minutes.

   3. Connect the USB flash drive to the USB port (▲) on the rear of the speaker.
4. **Turn the speaker on.**

The UPDATE indicator flashes and the update starts automatically. The UPDATE indicator turns off and the speaker enters to the standby mode or BLUETOOTH/Network standby mode automatically when the updating is completed. When you turn on the speaker for the first time after an update, the UPDATE button flashes three times.

**Hint**
- The number of flashes of the UPDATE indicator will change according to the update’s progress. The UPDATE indicator flashes four times at first, and decreases by one flash, then turns off when the updating is completed. Do not turn the speaker off during the update.

**Note**
- When you update using a USB flash drive, the update cannot be stopped. If the USB flash drive is removed or the speaker is unplugged during the update, the speaker will malfunction.
- Updating normally takes 3 to 10 minutes.
- Do not operate the speaker during an update. Also, keep the speaker connected to the power supply and network while updating.
Checking the Wi-Fi signal strength (reception sensitivity)

The indicator of the speaker shows signal strength (reception sensitivity) by its lit status when the speaker is connected to a Wi-Fi network and is turned on.

1. While the speaker is connected to a Wi-Fi network (the LINK indicator lights up in orange), turn on the speaker, and then press and hold the - (volume) button and SET UP button.

The function indicators (BLUETOOTH, HDMI, USB, AUDIO IN) on the top panel start to light up. The number of indicators lit shows the strength of the signal. When any button is tapped, flashing stops and the signal’s strength indicator is canceled.
To receive a stronger signal

Try the following:

- Change the orientation/location.
- Turn off other wireless devices.

Then, touch any button to cancel the Wi-Fi signal strength indication, repeat procedures from step 1.
Standby mode differences

| Standby mode |

The speaker is in the standby mode when the (power) indicator lights off. If you press the (power)/PAIRING button to turn off the speaker, the (power) indicator lights off and the speaker enters the standby mode.

| BLUETOOTH/Network standby mode |

The speaker is in the BLUETOOTH/Network standby mode when the (power) indicator lights up in orange. If the BLUETOOTH/Network standby mode is on, the speaker turns on when a BLUETOOTH device or network device is operated. Then, the BLUETOOTH or network connection starts. When you turn on the speaker in the BLUETOOTH/Network standby mode, the start-up time becomes shorter and the speaker will become operational sooner, than when you turn on the speaker in standby mode.

With the speaker turned on, press and hold the (power)/PAIRING button until the (power) indicator lights up in orange. The speaker turns off and enters the BLUETOOTH/Network standby mode.

| Auto standby mode |

The speaker automatically enters the standby mode or switches to the BLUETOOTH/Network standby mode if the speaker remains in any of the following states for about 15 minutes.

- No operation of the speaker.
- No connect/disconnect operations to the speaker from external devices.
- Music (sound) is not played while connected to an external device.

| Hint |

- In the standby mode, the power consumption of the speaker reduces.
- In BLUETOOTH/Network standby mode, the speaker's start-up time will be shorter.
- The auto standby mode can be turned off by using SongPal.

| Note |

- The auto standby mode may not work depending on the connecting device during the AUDIO IN function.

Related Topic

- Auto standby mode
- Setting the auto standby mode
Precautions

About the main unit becoming warm

If you use the speaker for a long period, the main unit may become warm. This is not a malfunction.

On operations

- The speaker unit, built-in amplifier, and cabinet are adjusted precisely. Do not disassemble or remodel.
- Do not leave the speaker in any of the following locations.
  - A place subject to high temperature such as direct sunlight or near a heat source
  - In a car with windows closed (especially in summer)
  - A place with moisture such as a bathroom
  - A place with excessive dust, or on sand
  - Near any object susceptible to magnetism (such as recorded tapes, watches, cash cards, floppy disks)
  - A place with heavy vibration
- Place the speaker on the flat surface.
- Make sure the speaker will not fall from its location. Do not place valuables near the speaker.
- When transporting the speaker, do not place any objects susceptible to magnetism, such as cash cards or floppy disks, near the speaker.
- If the cabinet becomes dirty, wipe it using a soft cloth with a little detergent. Do not use alcohol, benzene, or thinner to clean the cabinet.

Others

- If you have any questions or problems, contact your nearest Sony dealer after reading this guide.
- When disposing of or giving away the speaker, make sure to initialize it to reset all settings to the factory defaults.

The MAC address is located on the bottom exterior of the speaker.

MAC1: MAC address for wired networks
MAC2: MAC address for Wi-Fi networks
**What is BLUETOOTH wireless technology?**

BLUETOOTH wireless technology is a short-range wireless technology that enables wireless data communication between digital devices, such as a PC and digital camera. BLUETOOTH wireless technology operates within a range of about 10 m (about 30 ft). Connecting between only two devices is common, but some devices can be connected to multiple devices at the same time. You do not need to use a cable for connection, nor is it necessary for the devices to face one another, such is the case with infrared technology. For example, you can use such a device in a bag or pocket.

BLUETOOTH standard is an international standard supported by thousands of companies all over the world, and used worldwide.

### Maximum communication range

The maximum communication range may shorten under the following conditions.

- There is an obstacle such as a person, metal, or wall between the speaker and BLUETOOTH device.
- A wireless LAN device is in use near the speaker.
- A microwave oven is in use near the speaker.
- A device that generates electromagnetic radiation is in use near the speaker.

### Interference from other devices

Because BLUETOOTH devices and wireless LAN (IEEE802.11b/g/n) use the same frequency, microwave interference may occur and resulting in communication speed deterioration, noise, or invalid connection if the speaker is used near a wireless LAN device. In such a case, do the following.

- Use the speaker at least 10 m (about 30 ft) away from the wireless LAN device.
- If the speaker is used within 10 m (about 30 ft) of a wireless LAN device, turn off the wireless LAN device.

### Interference to other devices

Microwaves emitting from a BLUETOOTH device may affect the operation of electronic medical devices. Turn off the speaker and other BLUETOOTH devices in the following locations, as it may cause an accident.

- where inflammable gas is present, in a hospital, train, airplane, or a gas station
- near automatic doors or a fire alarm

**Note**

- To be able to use the BLUETOOTH function, the BLUETOOTH device to be connected requires the same profile as the speaker’s.
  Note also that even when the same profile exists, devices may vary in function depending on their specifications.
- Due to the characteristics of BLUETOOTH wireless technology, the sound played on the speaker is slightly delayed from the sound played on the BLUETOOTH device while talking on the telephone or listening to music.
- This speaker supports security capabilities that comply with the BLUETOOTH standard to provide a secure connection when the BLUETOOTH wireless technology is used, but security may not be enough depending on the setting. Be careful when communicating using BLUETOOTH wireless technology.
- Sony does not take any responsibility for the leakage of information during BLUETOOTH communication.
A device featuring the BLUETOOTH function is required to conform to the BLUETOOTH standard specified by Bluetooth SIG, and be authenticated. Even when the connected device conforms to the above mentioned BLUETOOTH standard, some devices may not be connected or work correctly, depending on the features or specifications of the device.

Noise or sound skips may occur depending on the BLUETOOTH device connected with the speaker, the communication environment, or the usage environment.
What is LDAC?

LDAC is an audio coding technology developed by Sony that enables the transmission of High-Resolution (Hi-Res) Audio content, even over a BLUETOOTH connection. Unlike other BLUETOOTH compatible coding technologies such as SBC, it operates without any downconversion of the Hi-Res Audio content*1, and allows approximately three times more data*2 than those other technologies to be transmitted over a BLUETOOTH wireless network with unprecedented sound quality, by means of efficient coding and optimized packetization.

*1 excluding DSD format contents
*2 in comparison with SBC (Subband Coding) when the bitrate of 990 kbps (96/48 kHz) or 909 kbps (88.2/44.1 kHz) is selected

Note

- Depending on the network environment, there may be an interruption at the high bitrate transmission.
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**Important information on software**

When using the speaker with a wireless network, the UPDATE indicator lights up in orange when the new version of the software is found.
For the timing of auto searching or manual updating methods, refer to "Searching the latest software via a network connection."
For the latest version of the software, refer to the URL below for details.
http://rd1.sony.net/help/speaker/sl/16/

**Related Topic**

- Updating the pre-installed software
Notes on software

Notes on the License

This speaker contains software that Sony uses under a licensing agreement with the owner of its copyright. We are obligated to announce the contents of the agreement to customers under requirement by the owner of copyright for the software. Please read the contents of the license described in "Important information on software."

Notice on GNU/GPL/LGPL applied software

This speaker contains software that is subject to the following GNU General Public License (hereinafter referred to as "GPL") or GNU Lesser General Public License (hereinafter referred to as "LGPL"). These establish that customers have the right to acquire, modify, and redistribute the source code of said software in accordance with the terms of the GPL or LGPL supplied. The source code for the above-listed software is available on the Web.

To download, please access the following URL then select the model name “SRS-ZR5”.
URL: http://oss.sony.net/Products/Linux/

Please note that Sony cannot answer or respond to any inquiries regarding the content of the source code.

Notes on the update

If you use the speaker while connected to the Internet via a Wi-Fi network or wired network, the speaker can update to the latest software automatically.

By updating the software, new features will be added enabling you to experience more convenient and stable use.

If you do not want to automatically update the software, you can disable this function by using the SongPal installed on your smartphone, iPhone, etc.

However, the software may be updated automatically for stable use, etc., even if you disable this function. Also, if you disable this function, you can still update the software manually.

For details about how to set and operate, see "Updating the pre-installed software." The speaker may not be operational while updating.

Disclaimer regarding services offered by third parties

Services offered by third parties may be changed, suspended, or terminated without prior notice. Sony does not bear any responsibility in these sorts of situations.
Customer support websites

Please access the following support home page to get support information about your speaker:
For customers in Europe:
http://www.sony.eu/support
For customers in the USA:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support
What can I do to solve a problem?

If the speaker does not function as expected, try the following steps to resolve the issue.

- Find the symptoms of the issue in this Help Guide, and try any corrective actions listed.
- Unplug the power cord, leave it for a while, and plug it again.
- Initialize the speaker.

  All settings of the speaker return to their factory defaults. All the pairing information and all the network settings are deleted.

- Look up information about the issue on the customer support website.

If the operations above do not work, consult your nearest Sony dealer.

Related Topic
- Initializing the speaker
Unable to turn on the speaker

- Make sure the AC power cord is connected to the speaker and the AC outlet firmly.
- Unplug from the AC outlet. After two minutes, connect to the AC outlet again, and then press the (power)/PAIRING button to turn on the speaker.

Related Topic
- Connecting to an AC outlet
Any button on the speaker cannot be operated

The speaker may be in the protect mode if the (power) indicator is flashing red, none of the buttons can be operated, and the speaker cannot be turned off by the (power)/PAIRING button. Unplug the AC power cord of the speaker, and unplug all other items connected to the speaker. Then, plug the AC power cord in again and turn on the speaker. If the (power) indicator keeps flashing, consult your nearest Sony dealer or the shop from which you purchased this speaker.

Related Topic
- Connecting to an AC outlet
- The power indicator flashes in red
The setup conditions of the speaker used last time are not retained

If you unplug the AC power cable from the AC outlet with the speaker turned on, the setup conditions of the speaker used last time are not retained. Turn off the speaker, before unplug the AC power cable.
The speaker has entered the standby mode or BLUETOOTH/Network standby mode unexpectedly

- The speaker enters the standby mode or BLUETOOTH/Network standby mode automatically if no operation is performed and no sound is input for about 15 minutes. For details, see "Auto standby mode."

Related Topic
- Auto standby mode
The power indicator flashes in red

- The speaker is in the protect mode, or the software update has failed. Check the following:
  - The UPDATE indicator continues flashing in orange.
    The software update has failed. Update using a USB flash drive. To update using a USB flash drive, see "Manual update via a USB flash drive (when the update via a network has failed)."
  - None of the buttons can be operated, and the speaker does not turn off even if the (power)/PAIRING button is tapped.
    The speaker may be in the protect mode. Unplug the AC power cord of the speaker, and unplug all other items connected to the speaker. Then, plug the AC power cord in again and turn on the speaker. If the (power) indicator keeps flashing, consult your nearest Sony dealer or the shop from which you purchased this speaker.

Related Topic
- Connecting to an AC outlet
- Any button on the speaker cannot be operated
- Updating the pre-installed software
No sound/Sound from only one speaker/Low sound level

- Check that both the speaker and the connected device are turned on.
- Check that the volume of both the speaker and the connected device are not too low.
- Check that music is playing back on the connected device.
- If the device is connected to the AUDIO IN jack, check that both stereo mini plugs of the audio cable are firmly inserted into the speaker and the connected device.
- If the device that is connected to the AUDIO IN jack is monaural, sound will only be output from the left speaker.
- Keep the speaker away from metal objects.
Distorted sound/humming or noise from the speaker

- Check that the volume of the connected device is not too high. Adjust the volume of the connected device since sound volume level may differ depending on a playback file.
- Check that the equalizer function of the connected device is set to on.
- Keep the speaker away from microwave ovens or other wireless devices such as TVs or radios with Wi-Fi function.
- If you connect a device with a built-in radio or tuner to the speaker, broadcasts may not be received, or sensitivity may be reduced. Locate the speaker farther away from the device and check that you can listen to broadcasts satisfactorily.
- Move the speaker away from sources of noise.
- Connect the speaker to a different wall outlet.
- Use a commercially-available AC power extension cord with a noise filter. The noise may reduce.
- Keep the speaker away from metal objects.
The speaker cannot connect to the network (Other equipment on the network cannot find or recognize the speaker)

- It takes about 1 minute for the speaker to acquire an IP address when it is turned on in a communication environment without a router.
- If you use a fixed IP address, the same IP address might be already in use by other equipment. Therefore, use a different IP address.
- There is more than one home network. The PC and smartphone are connected to a different network than the speaker's.
- If the settings are correct, try the following.
  Turn off the wireless router/access point, wait a while and turn on the power again.
  Turn off the speaker, wait a while and turn on the power again.
Unable to connect to a network via a Wi-Fi connection

- Make sure the wireless router/access point is turned on.
- When the speaker is connected to a Wi-Fi network, place the wireless router/access point and the speaker closer together and perform the setup again.
- When setting the Wi-Fi network using SongPal on the smartphone, iPhone, etc., connect the smartphone, iPhone, etc. to a Wi-Fi network first.
- Do not connect a commercially available LAN cable to the speaker. If a commercially available LAN cable is connected to the speaker, the speaker automatically connects to the wired network.
- Check the settings of the wireless router/access point. Make sure the SSID stealth mode on the wireless router is set to off. For details on the settings of the wireless router, refer to its operating instructions.
- Place the speaker closer to your wireless router. Devices that use the 2.4 GHz frequency band, such as a microwave oven, BLUETOOTH or digital cordless device, etc., may interrupt Wi-Fi communication. Move the speaker away from such devices or turn them off.
- The speaker does not support IEEE 802.11ac. Connect it to 2.4 GHz band (11b, 11g, and 11n) or 5 GHz band (11a and 11n).
- There is more than one home network. The PC and smartphone are connected to a different network than the speaker's.
- If the settings are correct, try the following.
  - Turn off the wireless router/access point, wait a while and turn on the power again.
  - Turn off the speaker, wait a while and turn on the power again.
Unable to connect to a network via a Wi-Fi connection (even though a correct SSID is selected)

When the speaker cannot connect even though the correct SSID for your wireless router is selected, check if the correct password (encryption key) is input.

The password (encryption key) is case sensitive, therefore make sure that you are entering correct uppercase and lowercase characters. Multi-byte characters cannot be used; enter single-byte characters.

Examples of easily mistaken characters:
- “l (uppercase I)” and “l (lowercase L)”
- “0 (numeral 0)” and “O (uppercase O)”
- “d (lowercase D)” and “b (lowercase B)”
- “9 (numeral 9)” and “q (lowercase Q)”
The speaker cannot connect to a network using the UPDATE/WPS button

- Set up your network after searching the wireless router/access point using the PC connected to the speaker (access point scan).
- Update the firmware of the wireless router/access point to the latest version.
- Press and hold the UPDATE/WPS button for about two seconds until beeps are heard.
- Refer to the operating instructions of your wireless router to make sure you are operating the Wi-Fi Protected Setup (WPS) button on the wireless router correctly.
- Depending on the wireless router, press and hold the Wi-Fi Protected Setup (WPS) button for a few seconds. For details, refer to the operating instructions of your wireless router.
- Place the speaker closer to your wireless router.
- If your wireless router has a Wi-Fi Protected Setup (WPS) button, you can connect to the Wi-Fi network by this method. For details, refer to the operating instructions supplied with your wireless router.
- If the settings are correct, try the following.
  - Turn off the wireless router/access point, wait a while and turn on the power again.
  - Turn off the speaker, wait a while and turn on the power again.
The speaker does not appear in the device list of the PC's music playback application

- Some software that is pre-installed on a PC cannot select the speaker as an audio output device. Use software that can select the speaker as an audio output device, such as Windows Media Player (except for Windows Vista) or iTunes, etc.
- Check the network connection.
- Check that the speaker and the PC are connected to the same SSID of your router.
- Check that the speaker is turned on.
- If your PC uses a firewall, this may prevent the speaker from appearing on the list. In this case, disable the firewall. For details, refer to the operating instructions or help guide of the firewall software.
The speaker does not appear in the device select screen of SongPal

- Check the network connection.
- Set the Wi-Fi network settings of the smartphone, iPhone, etc. to on.
- If you use a privacy separator function or network separating function of your wireless router, the router may not connect to the speaker. In this case, disable these functions on your router. For details about the setting, refer to the operating instructions of your router.
- Check that the speaker and the smartphone, iPhone, etc. are connected to the same SSID of your wireless router.

Example of a good network connection

(The speaker (D) and the smartphone, iPhone, etc. (E) are connected to the same SSID of your wireless router (C), so they belong to the same network.)
In this situation, the smartphone, iPhone, etc. is able to recognize the speaker using SongPal.

Example of a bad network connection

(The speaker (D) and the smartphone, iPhone, etc. (E) are connected to different SSIDs of your wireless routers, such as mobile routers, etc. (C), so they belong to different networks.)
In this situation, the smartphone, iPhone, etc. is not able to recognize the speaker using SongPal. The SSID connected to the speaker can be identified by using SongPal if the speaker and the smartphone, iPhone, etc. are connected via BLUETOOTH.
Distribute the connection using a network hub or a Wi-Fi access point set to infrastructure mode when it is difficult to connect the speaker and the smartphone, iPhone, etc. directly to one router (for example, when using SongPal on a smartphone, iPhone, etc. placed in a different room from the speaker).

Depending on your network environment, for example if you are living in an apartment building, the router may be shared with the other residents. For details about your network environment, contact the person in charge of your network.

**Related Topic**
- Connecting to a Wi-Fi network using a PC connected with a LAN cable
The speaker cannot connect to music services

- Make sure the wireless router/access point is turned on.
- When the speaker is connected to a Wi-Fi network, place the wireless router/access point and the speaker closer together and perform the setup again.
- Depending on the provider, only one connection to the Internet may be allowed. In that case, the speaker will not be able to connect if the connection is currently occupied. Please consult your carrier or service provider.
- Turn your smartphone, iPhone, etc. off for a short period, turn it on again, then restart the SongPal application.
- Check that the enabled music application is installed in the smartphone, iPhone, etc.
The controller cannot find the speaker (The controller cannot browse the contents of the speaker)

- Make sure the wireless router/access point is turned on.
- When the speaker is connected to a Wi-Fi network, place the wireless router/access point and the speaker closer together and perform the setup again.
- Make sure that the controller and the speaker are connected to the SSID of your wireless router.
- Disable the multicast control on the wireless router/access point. For details, refer to the operating instructions supplied with your wireless router.
Music started automatically (home network)

- The speaker may have been operated by another device on your home network. To prevent this, set the BLUETOOTH/Network standby mode to off.

Related Topic
- Setting the auto standby mode
The sound is interrupted

- The DLNA server is overloaded. Quit all running applications.
- Wireless signal condition is poor. Stop using your microwave oven, etc.
- The communication speed of the Wi-Fi network may become slower for IEEE802.11n-compliant wireless routers/access points if the security method is set to WEP or WPA/WPA2-PSK (TKIP). If the speed slows down, change the security method to WPA/WPA2-PSK (AES).
  The encryption (security) scheme varies depending on the device. For details, refer to the operating instructions of your router/access point.
- If the sound is interrupted or noise is generated via a Wi-Fi connection, connect the speaker and wireless router via a commercially-available LAN cable, instead of via Wi-Fi. If the quality does not improve, also connect the PC and wireless router via a commercially-available LAN cable.

Related Topic

- Checking the Wi-Fi signal strength (reception sensitivity)
- Connecting to a wired network
Playback does not start

- Check that the speaker and the network device are connected to your home network.
- Check whether the audio file is incompatible or has been deleted from the server. Refer to the operating instructions of the server.
- The server tries to play the audio file in an audio format that the speaker does not support. Check the audio format information on the server.
- Disable the multicast control on the wireless router/access point. For details, refer to the operating instructions of the wireless router/access point. If it is enabled, it may take several minutes to output audio.
- Access for the speaker may not be permitted by the server. Change the settings on the server to allow access for the speaker. Refer to the operating instructions of the server.

Related Topic
- DLNA (Digital Living Network Alliance)
Smartphone, iPhone, etc. cannot be paired

- Bring the speaker and the BLUETOOTH device to within 1 m (3 ft) of each other.

- If the BLUETOOTH indicator is not flashing quickly in white, press and hold the (power)/PAIRING button until the speaker beeps and the BLUETOOTH indicator starts flashing quickly in white.

- If you initialize the speaker, it may not be able to connect your iPhone/iPod touch or PC. In this case, erase the pairing information of the speaker on your iPhone/iPod touch or PC, and then perform the pairing procedure again.

- If you reset network settings of your iPhone/iPod touch or PC, the speaker may not be able to connect to it. Perform the pairing procedure again.
Unable to connect the speaker to a BLUETOOTH device with One-touch (NFC)

- If the screen lock is activated on the smartphone, it cannot be connected. Cancel the screen lock on the smartphone.
- Keep the NFC-compatible device close to the speaker until the NFC-compatible device reacts. If it still fails to connect, move the NFC-compatible device slowly on the N-Mark of the speaker. Follow the instructions on the screen.
- Check that the NFC function of the NFC-compatible device is set to on.
- If the NFC-compatible device is in a case, remove it.
- NFC reception sensitivity varies depending on the device. If you repeatedly fail to connect the speaker with an NFC-compatible device by one touch, make the connection by an on-screen operation.
- Check that your device is compatible with NFC.

For details, access the following URL.

For customers in Europe:
http://www.sony.eu/support
For customers in the USA:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support

Related Topic

- Compatible BLUETOOTH devices
There is no sound (BLUETOOTH)

- If you are connecting a PC to the speaker, make sure that the audio output setting of the PC is set for a BLUETOOTH device.
- Check that the speaker has established a BLUETOOTH connection with the BLUETOOTH device.
- Pair the speaker and the BLUETOOTH device again.
- Check the volume on the BLUETOOTH device and the speaker.
Distorted sound/humming or noise from the speaker

- Bring the speaker and the BLUETOOTH device closer together. Remove any obstacles between the speaker and the BLUETOOTH device.
- There are some BLUETOOTH devices that can have the wireless playback quality changed. If your device is compatible with this function, select a setting that prioritizes stable connection over sound quality. For details, refer to the operating instructions supplied with the device.
- Select "Priority on stable connection" for the BLUETOOTH audio streaming playback quality.

Related Topic
- Selecting the BLUETOOTH audio streaming playback quality (Codec)
An unsupported USB device is connected

If you connect an unsupported USB device, the following problems may occur. Refer to the URL in “Compatible USB devices” and use a supported USB device.

- The USB device is not recognized.
- Playback is not possible.
- The sound skips.
- There is noise.
- The sound is distorted.

Related Topic

- Compatible USB devices
There is no sound (USB)

- The USB device is not connected correctly. Turn off the speaker, then reconnect the USB device.
- After changing to a mode other than the USB mode by tapping the FUNCTION button, tap the FUNCTION button again to change to the USB mode.

Related Topic
- Parts and controls
**There is noise, skipping, or distorted sound**

- An unsupported USB device is connected. Refer to the URL in “Compatible USB devices” and use a supported USB device.
- Turn off the speaker, reconnect the USB device, then turn on the speaker.
- The music data itself contains noise, or the sound is distorted. Noise contained in the music may be transferred. In this case, delete the music file from the USB device and copy the original music file again to the USB device. If noise or distorted sound occurs in the same playback position each time, the music data may be corrupted.
- The bit rate used when encoding files was too low. In this case, delete the music file from the USB device and copy the original music file again at a higher bit rate to the USB device.

**Related Topic**

- [Compatible USB devices](#)
A USB device is not recognized

- Turn off the speaker, reconnect the USB device, then turn on the speaker.
- An unsupported USB device is connected. Refer to the URL in "Compatible USB devices" and use a supported USB device.
- The USB device does not work properly. Refer to the operating instructions supplied with the USB device for a solution.

Related Topic

- Compatible USB devices
Personal Audio System
SRS-ZR5

Playback does not start

- Check that the file format is supported by the speaker. For details, refer to the Operating Instructions.
- An unsupported USB device is connected. Refer to the URL in “Compatible USB devices” and use a supported USB device.

Related Topic
- Compatible USB devices
Playback does not start from the first track

- Set the playback mode to the normal playback mode on the connected device.
Initializing the speaker

With the speaker turned on, press and hold the (power)/PAIRING button and the - (volume) button at the same time for more than four seconds.

The speaker is initialized, and it enters the standby mode. The settings of the speaker return to their factory defaults, and network settings and all BLUETOOTH device registration (pairing) information are deleted.

Note

- If you initialize the speaker, it may not be able to make a BLUETOOTH connection with your iPhone/iPod touch or PC. In this case, erase the pairing information of the speaker on your iPhone/iPod touch or PC, and then perform the pairing procedure again.
Disposing of or giving away this speaker

- When disposing of or giving away this speaker, erase information from the speaker. Make sure you to initialize it to reset all settings to the factory defaults.
- If you use in Internet service such as music service, information about the speaker may be retained by the service provider. In this case, contact the network service provider to delete that information.

Related Topic

- Initializing the speaker