WARNING
To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus.

Do not expose the batteries (battery pack or batteries installed) to excessive heat such as sunshine, fire or the like for a long time.

To avoid electrical shock, do not open the cabinet, refer servicing to qualified personnel only.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

The AC Adaptor is not disconnected from the mains as long as it is connected to the AC outlet, even if the unit itself has been turned off.

As the main plug of AC power adaptor is used to disconnect the AC power adapter from the mains, connect it to an easily accessible AC outlet. Should you notice an abnormality in it, disconnect it from the AC outlet immediately.

Excessive sound pressure from earphones and headphones can cause hearing loss.

The nameplate of the transmitter is located on the bottom exterior.

The nameplate of the headphones is located on the back side of the slider.

| Information |

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

If you have any questions about this product, you may call:

Sony Customer Information Services Center
1-800-222-7669 or http://www.sony.com/

Declaration of Conformity

Model No.: MDR-RF995RK

Trade Name: SONY

Trade Name: MDR-RF995RK

Responsible Party: Sony Electronics Inc.

Address: 16535 Via Esprillo, San Diego, CA 92127 USA

Telephone No.: 858-548-2290

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

Recycling Nickel Metal Hydride Batteries

Nickel Metal Hydride batteries are recyclable. You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.

For more information regarding recycling of rechargeable batteries, call toll-free 1-800-822-8837 or visit http://www.call2recycle.org

Caution:

Do not handle damaged or leaking Nickel Metal Hydride batteries.

Features

Thank you for purchasing the Sony MDR-RF995RK Wireless Stereo Headphone System. Before operating the unit, please read this manual thoroughly and retain it for future reference.

Some features are:

- Wireless system that allows you to listen to a program free the restriction of a cable
- Up to 45 meters (150 feet) reception range
- High-fidelity sound reproduction
- New mode “VOICE” for clear hearing of personal voice range
- Noise reduction system to reproduce a clear sound with minimum transmission noise
- Comfortable fit
- Smooth and Comfortable Earpads
- Long playback time (maximum 20 hours)
- Easy recharging function with secure charging mechanism
- Rechargeable Battery
- Automatic tuning on headphones for optimum signal reception
- 3 transmission channels available
- Volume control function and sound effect function on the headphones
* Transmission distance varies depending on conditions of use.

Note

The equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For the customers in Canada

This device complies with Industry Canada’s licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

For the customers in the USA and Canada

Checking the included items

RF stereo transmitter
TDN-RF995R (1)

Wireless stereo headphones MDR-RF995RK (1)

Stereo mini cable [stereo mini plug, 1.5 m] (1)

Rechargeable nickel-metal hydride battery BP-HP800-11 (1)

How to use

1. Insert the supplied rechargeable battery BP-HP800-11 into the left housing of the headphones.

2. Connect the AC adaptor.

3. Charge the headphones.

4. Connect the A/V component, following hookup A or B below.

A. Using the headphone jack of the A/V component

B. Using the audio out (L/R) jacks of the A/V component

Use a connection cable (not supplied) between the transmitter and the A/V component.

5. Wear the headphones.


7. Adjust the volume.

After use

Turn off the power of the headphones.

About Sending RF Signals

The transmitter starts sending RF signals automatically when it detects an audio signal from the connected component. Note that:

- Noise may occur depending on the transmitter position and room conditions. It is recommended to place the transmitter in a location that produces the clearest sound.
- If the transmitter is placed on a metallic table, you may hear noise, or the reception range may decrease. Do not place on a metallic table.

If no signal or low signal is input for about 4 minutes

When no signal is input for about 4 minutes, the transmitter turns off automatically. The POWER indicator of the transmitter blinks for 4 minutes, then turns off. The transmitter restarts after receiving an audio signal again.

The transmitter may also turn off if a low signal is input for about 4 minutes. In this case, raise the volume of the connected A/V component within the range where the sound is not distorted, then lower the volume of the headphones.

If signal noise is output from the connected A/V component, the transmitter may not turn off, even when no audio signal is input.

For more information regarding recycling of rechargeable batteries, call toll-free 1-800-822-8837 or visit http://www.call2recycle.org
If you cannot receive a clear audio signal

First change the radio frequency with the CHANNEL selector on the transmitter, then briefly press the AUTO/TUNING button on the headphones.

Tips for charging

Supplied rechargeable nickel-metal hydride battery is not charged from the first time you use it. Be sure to charge them before use.

About auto charge function

The headphones on the transmitter automatically turn off, then charging starts. This eliminates the need for turning off every time you wear and take off the headphones.

If CHARGE/RED indicator does not light up red

- Charge the batteries until they are charged
- Charge the batteries after the headphones have been turned off
- The battery terminals or headphone terminals are not properly connected

Battery life

<table>
<thead>
<tr>
<th>Battery life</th>
<th>Sony alkaline battery LR03 (size AAA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. usage time</td>
<td>24 hours³</td>
</tr>
</tbody>
</table>

Note

- Do not carry a dry battery together with coins or other metallic objects. It can generate heat if the positive and negative terminals of the battery are accidentally come into contact with metallic objects.

Charging and usage time

<table>
<thead>
<tr>
<th>Approx. charging time</th>
<th>Maximum usage time²</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 hours³</td>
<td>24 hours²</td>
</tr>
</tbody>
</table>

1) at 1 kHz, 0.1 mW + 0.1 mW output
2) Time may vary, depending on the temperature or conditions of use.

To recharge supplied battery after use

Place the headphones on the transmitter after use. The CHARGE/RED indicator lights up red, then charging starts. When charging is complete, there is no need to remove the headphones from the transmitter.

Remaining battery

To check the remaining battery charge of the headphones, turn on the POWER switch and check the CHARGE/RED indicator. The battery is still serviceable when the indicator lights up green.

To change the headphones if the POWER indicator turns off, dimms, flashes, or the sound becomes distorted or noisy.

Notes

- Insert the AC adaptor plug firmly.
- Be sure to use the supplied AC adaptor. Using AC adaptors with different plug polarity or other characteristics can cause product failure.

Noise Reduction process

The transmitter compresses the audio signal and converts it to RF signal. The headphones convert the received RF signal to an audio signal and decompresses it. This process reduces noise picked up during transmission.

1) The transmitter compresses the audio signals dynamic range, then converts it to RF signal.
2) Noise may occur due to long distance transmission, etc.
3) The headphones convert the RF signal to an audio signal.
4) Noise may occur during conversion.
5) Decompression of the audio signal dynamic range reduces the noise level and improves the S/N(signal-to-noise) ratio.

Even within the signal reception area, there are some spots (dead spots) where the RF signal cannot be received. This characteristic is inherent to RF signals, and does not indicate malfunction. By slightly moving the transmitter, location of the dead spot can be changed.

Replacing the earpads

The earpads are replaceable. If the earpads become dirty or worn out, replace them as illustrated below. The earpads are not commercially available. You can order replacements from the store where you purchased this system, or at your nearest Sony dealer.

1) Remove the old earpad by pulling it out of the groove on the housing.
2) Fit the new earpad in the groove of the housing. Make sure the earpad is set to the vertical position.

Tips for sound effect

Slide the switch to select the desired sound effect, OFF or VOICE.

Precautions

- When this system is not to be used for a long period of time, disconnect the AC adaptor from the AC outlet.
- Do not use the headphone jack, direct voice output to the transmission, etc.
- Do not turn on the transmitter without connection of the AC adaptor.
- Do not leave the headphones on for more than 3 hours.
- Do not clean the contact pin and headphones' contact point are dusty. Wipe them with a cotton bud, etc.
- Avoid using the headphones in an environment where the sound is distorted.

Caring for others

- Use the headphones in an environment where the sound is not distorted.
- To reduce the risk of hearing damage
- Avoid using headphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, lower the volume or discontinue use.
- Caring for others
Keep the volume at a moderate level. This will allow you to hear outside sounds and be considerate to the people around you.

If you have any questions or problems concerning the system that are not covered in this manual, please consult your nearest Sony dealer.

Be sure to bring the headphones and the transmitter to the Sony dealer when requiring repair work.

Specifications

RF stereo transmitter (TMR-RF995R)
Model No. TMR-RF995R
Carrier frequency 955.5 MHz, 961.0 MHz, 995.5 MHz
Channel Ch1, Ch2, Ch3
Transmission distance Approx. 45 m (150 ft) of longest
Audio inputs Stereo mini jack
Power requirements Supplied rechargeable nickel-metal hydride battery BP-HM90-T1, or commercially available [LR03 (size AAA)] dry batteries.
Mass Approx. 285 g (10 oz)
Rated power consumption 2.0 W
Operating temperature 5°C to 35°C (41°F to 95°F)

Wireless stereo headphones (MDR-RF995R)
Model No. MDR-RF995R
Frequency response 10 Hz to 22,000 Hz
Power source Supplied rechargeable nickel-metal hydride battery BP-HM90-T1, or commercially available [LR03 (size AAA)] dry batteries.
Mass Approx. 275 g (10 oz)
Operating temperature 5°C to 35°C (41°F to 95°F)

Included items

RF stereo transmitter TMR-RF995R
Wireless stereo headphones MDR-RF995R
AC adaptor (15 V) [3]
Stereo mini cable (stereo mini plug), 1.5 m (5 ft) [4]
Card warranty [2]
Operation manual [1]
Design and specifications are subject to change without notice.

Troubleshooting

If you run into any problems using this system, use the following checklist. Should any problem persist, consult your nearest Sony dealer.

No sound/Low sound

- Check the connection of the A/V component or the AC adaptor.
- Check that the A/V component is turned on.
- Check that the stereo mini jack is properly connected.
- Check that there is no interference from other electrical equipment.

Loud background noise

- Use the headphones near the transmitter, or change the position of the transmitter.
- Do not place the transmitter on a metal table.
- If you connect the transmitter to an A/V component using the headphone jack, lower the volume level on the connected A/V component within the range where the sound is not distorted.

Distorted or intermittent sound (sometimes with noise)

- Use the headphones near the transmitter, or change the position of the transmitter.
- Do not place the transmitter on a metal table.
- If you connect the transmitter to an A/V component using the headphone jack, lower the volume level on the connected A/V component within the range where the sound is not distorted.
- Change the radio frequency with the CHANNEL selector on the transmitter, then change the radio frequency to that of the transmitter with the AUTO/TUNING button on the headphones.
- Charge the supplied rechargeable battery, or replace dry batteries with new ones. If the POWER indicator is still off after charging, take the headphones to a Sony dealer.
- Do not place the transmitter on a metallic table.
- Use the headphones near the transmitter.

The POWER/GREEN indicator flashes green

- No signal or low signal input. Start playback of the A/V component, or raise the volume of the connected A/V component within the range where the sound is not distorted, otherwise the transmitter will turn off. If no signal or low signal is input for about 4 minutes, the transmitter turns off automatically.

Battery cannot be charged/CHARGE/RED indicator flashes red, or does not light up red

- Check that the right/left of the headphones and transmitter are properly connected.
- Install the supplied rechargeable nickel-metal hydride battery.
- If the CHARGE/RED indicator does not light up red even though you put the headphones on the transmitter and wait for a while, it may be the end of battery lifetime. You can order the supplied rechargeable battery BP-HM90-T1 from the store where you purchased this system, or from your nearest Sony dealer.
- Charging may not be completed if the transmitter’s contact pin and headphones’ contact point are dusty. Wipe them with a cotton bud, etc.

Short usage time (the supplied rechargeable battery)

- Clean the - terminal of the supplied rechargeable battery and the charging terminal of transmitter/ headphone with a dry cloth.
- Replace the supplied rechargeable battery after the fully discharged.

Using the headphones with separately sold dry batteries

Commercially available [LR03 (size AAA)] dry batteries can also be used to power the headphones. Install two dry batteries in the same manner as described in step 1 of How to use.

If you want to change the dry batteries with dry batteries installed, the CHARGE/RED indicator lights up red for 15 seconds, then turns off. The battery charge function is not activated.