Before You Begin

Thank you for choosing the Sony CD clock radio! It will give you many hours of reliable service and listening pleasure. Before operating the unit, please read these instructions thoroughly and retain them for future reference.

Features

• 3D sound system — In addition to the left and right speakers, the center woofer provides rich base sound for enhanced listening quality.

• VoiceIR — announces the time, guided setting of alarm, etc., with talking voice.

• Natural sound alarm — wake up to the sound of flowing stream or bird song.

• Built-in CD Player with Shuffle/Repeat function.

• You can wake up to any track of a CD.

• Easy to use station presets.

• A powerful bass is produced with the MEGA BASS sound system.

• PLL (Phase Locked Loop) Synthesized Tuner with 5 random memory presets for easy one button tuning.

• Summer time (daylight saving time) calculation.

WARNING To prevent fire or shock hazard, do not expose the unit to rain or moisture.

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

INFORMATION

This 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 or television technician for help.

This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

• The graphical symbols are on the rear of the enclosure.

CAUTION

The use of optical instruments with this product will increase eye hazard.

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

Precautions

• Operate the unit on the power sources specified in “Specifications.”

• The nameplate indicating voltage, etc. is located at the rear.

• Disconnect the mains lead by grasping the plug. Never pull it by the cord.

• Do not leave the unit in a location near a heat source such as a radiator or stove, or in a place subject to direct sunlight, excessive dust, mechanical vibration, or shock.

• Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on a surface (a rug, a blanket, etc.) or near materials (a curtain) which might block the ventilation holes.

• Should any liquid or solid object fall into the unit, unplug (or remove batteries from) the unit and have it checked by a qualified personnel before operating it further.

• When the casing becomes soiled, clean it with a soft cloth dampened with a mild detergent solution. Never use abrasive cleaners or chemicals, as they may mar the casing.

• The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.

If you have any question, please consult your nearest Sony dealer.

Troubleshooting

Should any problem occur with the unit, make the following checks to determine whether or not servicing is required. If the problem persists, consult the nearest Sony dealer.

• The clock does not show the correct time.

• Has an electrical power outage lasting more than one minute occurred?

• The radio or sound alarm does not sound at the preset alarm time.

• Has the desired radio and/or sound alarm mode been activated with the ALARM MODE button (i.e., is the R BATT or SOUND indicator lit on the display?)

• The CD player does not operate.

• Did you close the CD lid?

• Did you place the disc correctly?

• The disc should be placed with the labeled side up.

• Dusty or defective disc — Clean the disc with an optional cleaning cloth. Wipe the disc from the center out.

• Take out the CD and leave the CD compartment open for about an hour to get rid of moisture condensation.

• Sporadic loss of sound in CD operation.

• Dusty or defective disc — Clean or replace the disc.

• Volume too high — Reduce the volume.

• Strong vibration.

Specifications

CD player section

System: Compact disc digital audio system

Laser diode properties

Laser Wavelength: 780 nm

Emission duration: Continuous

Laser output: Less than 446 µW

(see the output is the value on the optical lens surface on the optical pickup block with 7mm aperture.)

Frequency response: 20-20,000 Hz

Wow and flutter: Below measurable limit

Radio section

Frequency range: FM: 87.5-108 MHz

AM: 530-1710 kHz

Channel step: FM: 0.1 MHz (fixed)

AM: 10 kHz (fixed)

General

Time display: 12-hour system

Speaker:

Front speakers: 6 cm (2 1/2 inches) x 2, 8-ohms

Woofer: 9 cm (3 1/2 inches) x 4 ohms

Power outputs:

Front speakers: 12.9 W + 12.9 W (at 10% harmonic distortion)

Woofer: 32.7 W (at 10% harmonic distortion)

Power requirements: 120 V AC, 60 Hz

Dimensions: Approx. 304 x 125 x 215 mm (w/h/d)

Approx. 12 x 5 x 8 1/4 inches incl. projecting parts and controls

Mass: Approx. 3.5 kg (7 lb 12 oz)

Design specifications are subject to change without notice.

Before operating the unit, please read these instructions thoroughly and retain them for future reference.

Serial No.

Owner’s Record

The model number and the serial number are located on the rear. Record the serial number in the space provided below and refer to them whenever you call upon your Sony dealer regarding this product.

Model No. ICF-CD873

Serial No.

VAU. 315-145-01(T1)
Activating/Deactivating Voiceplus

The Voiceplus function provides time announcements and/or reminders:
• when the power is turned on for the first time
• when you press SNOOZE/TIME REPORT
• at the start of the alarm
• after the clock, the alarm time or the alarm mode is set

To adjust the Voiceplus talking voice volume, adjust SOUND LEVEL.
To deactivate Voiceplus, press VOICE ON/OFF/Press the button again to reactivate the function.

Note
When the power is turned on after you have removed the AC power cord (i.e., during power outage), the voiceplus function is not activated.

Setting the Clock

1. Plug in the unit.
2. Press CLOCK for a few seconds until you hear a beep. The hour starts to flash on the display.
3. Press TUNE/TIME SET + or – until the correct hour appears.
4. Press CLOCK once.
5. Repeat steps 3 and 4 to set the minute. After setting the minute, press CLOCK again. Two short beeps sound, and the counting of the seconds starts.
6. To set the current time rapidly, hold down the + or – button.
7. To set the current time from zero seconds, release CLOCK with the time signal at step 5.
8. For vocal announcement of the current time, press SNOOZE/TIME REPORT.

To adjust the current time to daylight saving time (summer time)
Press D.S.T./SUMMER T.
“*” appears on the display and the current time is adjusted to the daylight saving time.
To deactivate the function, press D.S.T./SUMMER T. again.

Playing a Disc

An 8 cm (3-inch) CD can be played without an adaptor.
1. Slide OPEN in the direction of the arrow to open the CD compartment lid and place in a CD.
2. Close the CD compartment lid.
3. Press CD III. “CD” and “III” appear on the display to indicate that track 1 of the CD is playing.
4. Turn VOLUME to adjust the volume.

To Press
Pause CD III
Resume play after pause CD III again
Locate the beginning of the current track (AMS) **
Locate the next track (AMS)
Locate the previous track (AMS)
Go back at high speed
Go forward at high speed
Locate the succeeding track (AMS)
Stop play

• For vocal announcement of the current time, press TUNE/TIME SET.

Various Modes of CD Playback

You can play tracks repeatedly or in random order.
Press CD PLAY MODE.
Each press changes the play mode as follows:
Display indication Play mode
none (normal play)
3 “REP” (single repeat)
“REP ALL” (all repeat)
“SHUFFLE REP” (shuffle repeat)
“SHUFFLE” (shuffle play)

Notes
• If you press CD III when there is no disc in the CD compartment, “III” flashes for about 5 seconds on the display and the unit turns off automatically.
• There will be no sound from the speakers when the headphones (not supplied) are plugged in.

Setting the Alarm

This radio is equipped with 3 main alarm modes—CD, radio, and sound. Under sound alarm, you can choose from BUZZER, BIRD, or RIVER.

To set the alarm:
1. Press ALARM MODE to set the desired alarm.
2. Press ALARM A or B to set to the desired hour.
3. Press ALARM A or B for a few seconds until you hear a beep.
4. Repeat steps 2 and 3 to set the minute. Two short beeps sound to confirm the setting. After a few seconds, the display returns to the current time.

Setting the wake up track
1. Press WAKE UP TRACK for a few seconds until you hear a beep.
2. Press TUNE/TIME SET + or – to select the desired track number.
3. Press WAKE UP TRACK again. Two short beeps sound to confirm the setting.

Notes
• When you change the CD, the WAKE UP TRACK number will be canceled. Set it again.

To Doze for a Few More Minutes
Press SNOOZE/TIME REPORT. The CD, radio or sound alarm turns off, but will be activated automatically after about 8 minutes.

Setting the Sleep Timer

You may fall asleep to the radio using the built-in sleep timer that turns off the radio automatically after a preset duration.
Press RADIO-SLEEP repeatedly until the desired countdown duration appears. When RADIO-SLEEP is pressed once, “On” appears on the display. Subsequent pressing of RADIO-SLEEP shows the following countdown durations:
Radio on 50 min – 60 min – 30 min (Sleep timer off)

Notes
• To turn off the radio before the countdown duration has elapsed, press OFF-ALARM RESET.
• To use both the sleep timer and the alarm
You can enjoy falling asleep to the radio and be awakened by the radio or sound alarm.
1. Set the alarm. (“Setting the Alarm”)
2. Set the sleep timer. (“Setting the Sleep Timer”)

Other Useful Functions

For Enhanced Bass
The “MEGA BASS” function intensifies the bass sound for richer quality audio reproduction.

Turn MEGA BASS toward MAX to increase the bass emphasis.