

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

To reduce the risk of fire, do not cover the ventilation of the apparatus with newspapers, tablecloths, curtains, etc. And do not place lighted candles on the apparatus.
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 install the appliance in a confined space, such as a bookcase or built-in cabinet.

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

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

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.

The nameplate and important information concerning safety are located on the bottom exterior.

CAUTION

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



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 (servicing) instructions in the literature accompanying the appliance.

NOTE

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/TV technician for help.

Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings.
Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety.
If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.



- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

FM/AM
CD Clock Radio

Operating Instructions

Owner's Record

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

Model No. _____
Serial No. _____

For customers who purchased this product in the USA
Please register this product on line at
<http://www.sony.com/productregistration>.
Proper registration will enable us to send you periodic mailings about new products, services, and other important announcements. Registering your product will also allow us to contact you in the unlikely event that the product needs adjustment or modification. Thank you.

DREAM MACHINE

Dream Machine is a trademark of Sony Corporation.

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<http://www.sony.net/>

SONY®

Portable Audio

LIMITED WARRANTY (U.S. Only)

Sony Electronics Inc. ("Sony") warrants this product against defects in material or workmanship for the time periods and as set forth below when purchased directly from Sony or a Sony Retailer. Pursuant to this Limited Warranty, Sony will, at its option, (i) repair the product using new or refurbished parts or (ii) replace the product with a new or refurbished product. For purposes of this Limited Warranty, "refurbished" means a product or part that has been returned to its original specifications. **In the event of a defect, these are your exclusive remedies.**

Labor: For a period of one (1) year from the original date of purchase of the product ("Labor Warranty"), Sony will, at its option, repair or replace with new or refurbished product, product determined to be defective. If Sony elects to replace the product after this Labor Warranty has expired but while the Parts Warranty below is still in effect, it will do so for the applicable labor charge.

Parts: For a period of one (1) year from the original date of purchase of product ("Parts Warranty"), Sony will supply new or refurbished replacement parts in exchange for parts determined to be defective.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to the software.

Instructions: To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the Sony authorized service facility specified. **It is your responsibility to backup any data, software or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Sony will not be responsible for any such damage or loss.** A dated purchase receipt from Sony or a Sony Retailer is required. For specific instructions on how to obtain warranty service for your product,

Visit Sony's Web Site:
www.sony.com/support

Or call the **Sony Customer Information Service Center**
1-800-222-SONY (7669)

For an accessory or part not available from your authorized dealer, call:
1-800-488-SONY (7669)

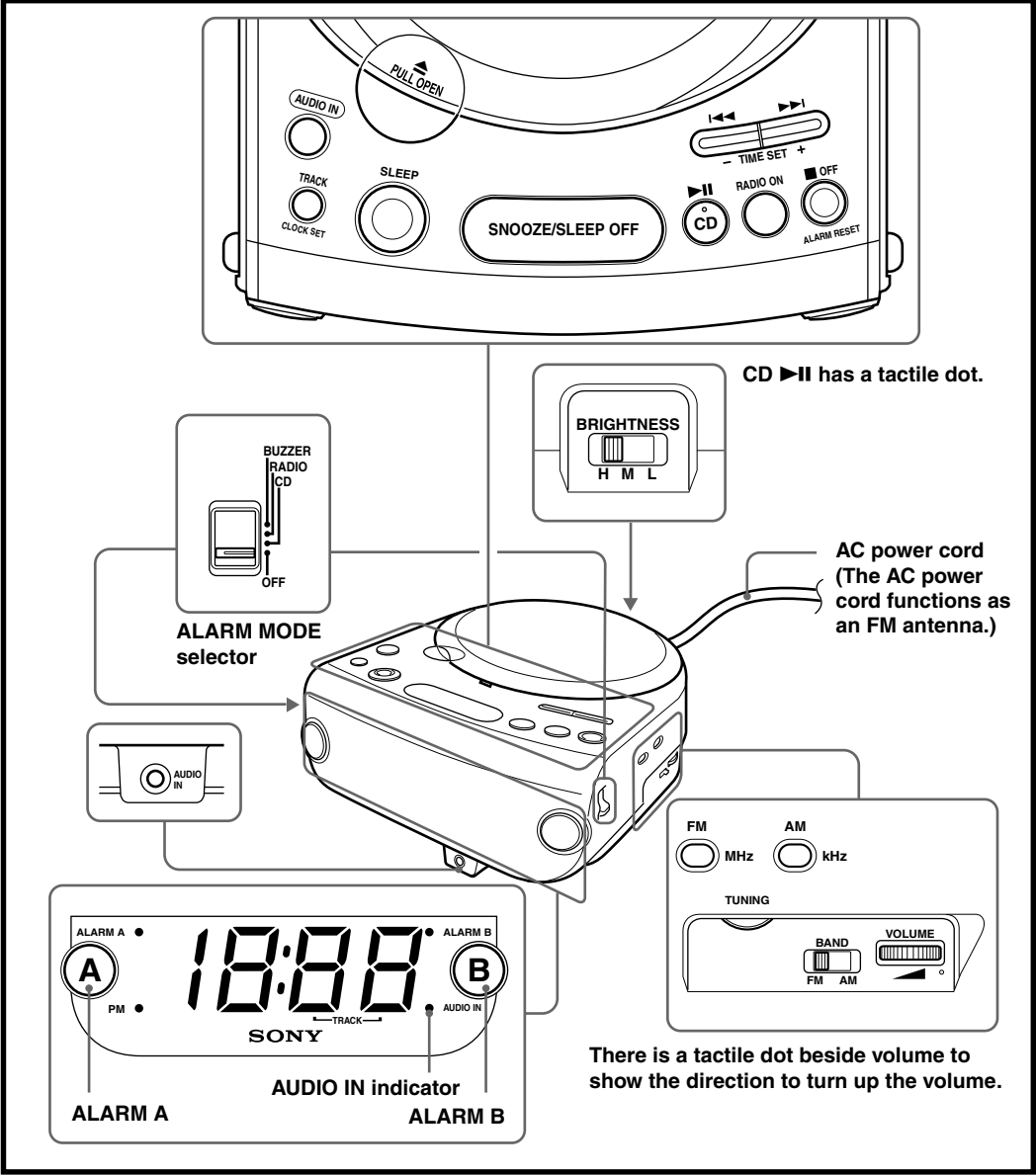
Repair / Replacement Warranty: This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for ninety (90) days, whichever is longer. Any parts or product replaced under this Limited Warranty will become the property of Sony.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use; it does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, misuse, limitations of technology, or modification of or to any part of the Sony product or product purchased from other than Sony or a Sony Retailer. To determine if a retailer is part of the Sony Retailer Network, please contact Sony's Customer Service Call Center or go to www.sony.com/support. This Limited Warranty does not cover Sony products sold AS IS or WITH ALL FAULTS or consumables (such as fuses or batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States.

LIMITATION ON DAMAGES: SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT.

DURATION OF IMPLIED WARRANTIES: EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This Limited Warranty gives you specific legal rights and you may have other rights which vary from state to state.



Features

- Easy to see large green LED display with three brightness control position (high/mid/low)
- Built-in jack for portable music players
- Built-in CD player with CD-R/RW playback function
- Wake to any track of a CD, RADIO or Buzzer (dual alarm)
- Extendable snooze time from 10 to 60 minutes

Precautions

- Operate the unit on the power source specified in the “Specifications.”
- To disconnect the AC power cord (mains lead), pull it out by the plug, not the cord.
- Do not leave the unit in a location near a heat source such as a radiator or air duct, 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 solid object or liquid fall into the unit, unplug the unit and have it checked by a qualified personnel before operating it any further.
- To clean the casing, use a soft cloth dampened with a mild detergent solution.

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

Troubleshooting

Should any problem persist after you have made the following checks, consult your nearest Sony dealer.

The clock does not show the correct time.

- Has an electrical power outage occurred?

The CD, radio or buzzer alarm does not sound at the preset alarm time.

- Is the **ALARM** indicator light on?

The radio alarm is activated but no sound comes on at the preset alarm time.

- Is the **TUNING** dial set to a receivable radio station?
- Has **VOLUME** been adjusted ?

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 remove 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.

There is no sound or sound output is low by pressing the AUDIO IN button.

- Is the **AUDIO IN** indicator light on?
- If the volume of the optional component is low, turn up the volume on the component.

The radio gets interference.

- When used near electrical devices, move them away or turn off their power.

Specifications

CD player section

System: Compact disc digital audio system

Laser diode properties:

Emission duration: Continuous
Laser output: Less than 44.6 μ W
(This output is the value measured at a distance of about 200 mm from the objective lens surface on the optical pick-up block with 7mm aperture.)

Frequency response: 20 - 20 000 Hz $\pm$ 1 dB

Wow and flutter: Below measurable limit

Radio section

Frequency range:

FM: 87.5-108 MHz
AM: 530-1 710 kHz

General

Time display:

12-hour system

Speaker:

57 mm (2 1/4 inches) dia., 8 Ω

Input:

Audio In jack (stereo minijack): minimum input level 245 mV, impedance 47 k Ω

Power outputs:

0.7 W + 0.7 W (at 10% harmonic distortion)

Power requirements:

120 V AC, 60 Hz

Dimensions:

Approx. 190 $\times$ 93 $\times$ 222 mm (w/h/d) (Approx. 7 1/2 $\times$ 3 2/3 $\times$ 8 3/4 inches) incl. projecting parts and controls

Mass:

Approx. 1.5 kg (3 lb 5 oz)

Supplied accessories:

Audio cable (1)

Design and specifications are subject to change without notice.

Changing the Brightness of the clock display

Slide **BRIGHTNESS** to select H(high), M(middle) or L(low) for the display according to your preference.

Setting the clock

- 1 Plug in the unit.
The display will flash “12:00”.
- 2 Press **CLOCK SET** for a few seconds.
The hour will start to flash in the display.
- 3 Press **TIME SET +** or **–** until the correct hour appears in the display.
- 4 Press **CLOCK SET** once.
- 5 Repeat steps **3** and **4** to set the minute.
After setting the minute, press **CLOCK SET** to start the counting of the seconds.

- To set the current time rapidly, hold down **TIME SET +** or **–**.
- During PM hours, the indicator lights up.
- In step **5**, when you press **CLOCK SET** after the minute setting to activate the clock, the seconds start counting from zero.

Playing a CD

An 8 cm (3-inch) CD can be played without an adaptor.

- 1 Pull **$\triangle$ PULL OPEN** to open the CD compartment lid and place a disc.
- 2 Close the CD compartment lid.
- 3 Press **CD $\blacktriangleright$ II**.
TRACK “01” appears in the display to indicate that track 1 of the CD is playing.
After you press **CD $\blacktriangleright$ II**, it takes about 10 seconds before the music starts.
The indication in the display returns to the current time a few seconds after the music starts.
- 4 Turn **VOLUME** to adjust the volume.

To	Press
Pause	CD $\blacktriangleright$ II
Resume play after pause	CD $\blacktriangleright$ II again
Locate the beginning of the current track (AMS*)	$\blacktriangleleft\blacktriangleleft$**
Locate the next track (AMS)	$\blacktriangleright\blacktriangleright$**
Go back at high speed	Hold down $\blacktriangleleft\blacktriangleleft$**
Go forward at high speed	Hold down $\blacktriangleright\blacktriangleright$**
Locate the previous track (AMS)	$\blacktriangleleft\blacktriangleleft$ repeatedly**
Locate the succeeding track (AMS)	$\blacktriangleright\blacktriangleright$ repeatedly**
Stop play	$\blacksquare$ OFF

* AMS = Automatic Music Sensor

**These operations are possible during both play and pause.

- During CD playback, every time you press **TRACK**, the track number appears in the display for a few seconds.

About CD-Rs/CD-RWs

This unit is compatible with CD-Rs/CD-RWs but playback capability may vary depending on the quality of the disc, the recording device and application software.

Music discs encoded with copyright protection technologies

This product is designed to play back discs that conform to the Compact Disc (CD) standard.
Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

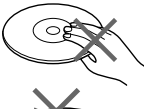
To handle compact discs

Correct



Handle the disc by its edge.

Incorrect



Do not touch the surface.



Do not stick paper or tape nor write anything on the surface.

Note on DualDiscs

A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

Notes

- Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this unit. Attempting to do so may damage the unit. Do not use such discs.
- If you press **CD $\blacktriangleright$ II** when there is no disc in the CD compartment, “00” flashes for a few seconds on the display and the unit turns off automatically.

Playing the radio

- 1 Press **RADIO ON** to turn on the radio.
“On” appears in the display.
- 2 Adjust **VOLUME**.
- 3 Select **BAND**.
- 4 Tune in a station using the **TUNING** dial.

- To turn off the radio, press **$\blacksquare$ OFF**.
- This model does not support FM stereo.

Improving the reception

FM: The AC power cord functions as an FM antenna.

Extend the AC power cord fully to improve FM reception.

AM: Rotate the unit horizontally for optimum reception. A ferrite bar antenna is built into the unit.

Do not operate the unit over a steel desk or metal surface, as this may lead to interference of reception.

Listening to the sound from the connected optional components

- 1 Connect the **AUDIO IN** jack of this player with the line output jack or headphones jack of the optional component (ex: portable music players) using the stereo audio connecting cable.
- 2 Press **AUDIO IN**.
The **AUDIO IN** indicator lights up.
- 3 Play the optional component connected to the **AUDIO IN** jack of this player.
- 4 Adjust **VOLUME**.

- To turn off the AUDIO IN, press **$\blacksquare$ OFF**.

Note

Connect the cable firmly to avoid any malfunction.

Setting the Alarm

This unit is equipped with 3 alarm modes—CD, RADIO and buzzer. Before setting the alarm, make sure to set the clock (see “Setting the Clock”). This unit is also equipped with a dual alarm function. You can set the alarm for two different times ALARM A and ALARM B.

To set the Alarm time

- 1 If you will select the CD alarm or RADIO alarm, adjust the volume.
Also, if you will select the RADIO alarm, tune in to the desired station.
- 2 Set the **ALARM MODE** selector to **CD, RADIO** or **BUZZER**. The **ALARM A** or **B** indicator lights up.
- 3 Press **ALARM A** or **B** for a few seconds.
The **ALARM A** or **B** indicator flashes, depending on which one you set.
The hour will start to flash in the display.
- 4 Press **TIME SET +** or **–** until the desired hour appears.
To set the hour rapidly, hold down **TIME SET +** or **–**.
- 5 Press **ALARM A** or **B**.
The minute will flash.
- 6 Repeat step **4** to set the minute and press **ALARM A** or **B**.
The wake-up track number flashes on the display.
- 7 IF you selected the CD alarm, press **$\blacktriangleright$ II** or **$\blacktriangleleft\blacktriangleleft$** to select the desired wake-up track number.
The wake-up track number can be set up to 99. Its default value is “01”.
- 8 Press **ALARM A** or **B**.
The **ALARM A** or **B** indicator lights up.

For the CD alarm, the track you specified as the Wake-up track is played first.

To check the Alarm time

Press **ALARM A** or **B**. The display shows the alarm time. If you press **ALARM A** or **B** again, the indication changes to the wake-up track number.

After a few seconds, the display returns to the current time.

- Alarm time in CD alarm, radio alarm and buzzer alarm is set at PM 12:00 when you purchased the unit.

ALARM ON

For the CD alarm, the track you specified as the Wake-up track is played first.

If you set the CD alarm when there is no disc in the CD player or the CD compartment lid is open, the buzzer alarm will sound at the set time.

For the radio alarm, the station that the tuning dial is set to will be received.

For the buzzer alarm, the beeping of the alarm becomes more rapid after every few seconds in three progressive stages.

Note

When ALARM A and ALARM B are set for the same time, only ALARM A will result.

To doze for a few more minutes

Press **SNOOZE/SLEEP OFF**.

The CD, radio or buzzer alarm turns off but will be automatically activated again after about 10 minutes. Every time you press **SNOOZE/SLEEP OFF**, the snooze time changes as follows:

10 $\rightarrow$ 20 $\rightarrow$ 30
 $\rightarrow$ 40 $\rightarrow$ 50 $\rightarrow$ 60

The display shows the snooze time for a few seconds and returns to show the current time. When you press **SNOOZE/SLEEP OFF** after the current time appeared, the snooze time starts from 10 minutes again.
• The maximum length of the snooze time is 60 minutes.

ALARM OFF

The alarm is turned off automatically after 60 minutes.

To stop the Alarm

Press **ALARM RESET** to turn off the alarm.

The alarm will come on again at the same time the next day.

To deactivate the Alarm

Set the **ALARM MODE** selector to **OFF**. **ALARM A** or **ALARM B** indicator goes off.

Setting the Sleep Timer

You can fall asleep to the CD, RADIO, or AUDIO IN using the built-in sleep timer that turns off the CD, RADIO or AUDIO IN automatically after a preset duration.

Press **SLEEP** during CD, RADIO, or AUDIO IN play. You can set the Sleep Timer to durations of 90, 60, 30, or 15 minutes. Every push changes the display as follows:

OFF (current time) $\rightarrow$ 90 $\rightarrow$ 60
 $\uparrow$ 15 $\leftarrow$ 30 $\leftarrow$

The CD, RADIO, or AUDIO IN will play for the time you set, then turn off.

- To turn off the CD, RADIO or AUDIO IN before the preset time, press **SNOOZE/SLEEP OFF**.

Note

Even if the Sleep Timer is set, it cannot turn off the power of optional components connected to the **AUDIO IN** jack of this player.

To use both the Sleep Timer and the Alarm

You can fall asleep to the CD, RADIO or AUDIO IN and be awakened by the CD, RADIO or buzzer alarm.

- 1 Set the alarm. (See “Setting the Alarm”.)
- 2 Set the Sleep Timer. (See “Setting the Sleep Timer”.)

Note

This unit cannot select the alarm in AUDIO IN.