

DAB/FM CD Clock Radio

Operating Instructions



No Power No problem is a trademark of Sony Corporation.

DREAM MACHINE

Dream Machine is a trademark of Sony Corporation.

XDR-CD70DAB

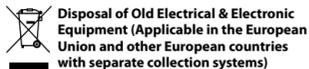
© 2007 Sony Corporation Printed in China

http://www.sony.net/

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. 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. To reduce the risk of fire or electric shock, do not place objects filled with liquids, such as vases, on the apparatus. Connect the apparatus to an easily accessible AC outlet. Should you notice an abnormality in the apparatus, disconnect the main plug from the AC outlet immediately.

WARNING
Battery may explode if mistreated.
Do not recharge, disassemble or dispose of in fire.



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Features

- Illumination (High/Low/Off)
- Built-in audio cable for digital music players
- Built-in CD player with CD-R/RW playback function
- DAB/FM 2-band digital tuner
- 6 station presets (3 DAB, 3 FM)
- Automatic Time/Daylight Saving Time Setting
- No Power No Problem Alarm System
- Triple time display: A main display for the clock and two sub-displays for the alarms
- Nap Timer (Count Down Timer)
- Extendable Snooze time from 10 to 60 min

Precautions

- Use the power source specified in "Specifications" to operate the unit.
- The name plate indicating operating voltage, etc. is located on the bottom of the AC power adaptor.
- To disconnect the power cord (mains lead), pull it out by the plug, not the cord.
- Do not carry the unit by the FM/DAB wire antenna and the AC power 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, blanket, etc.) or near materials that might block the ventilation holes such as a curtain.
- 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.
- When the casing becomes soiled, clean it with a soft cloth dampened with mild detergent solution. Never use abrasive cleansers or chemical solvents, as they may mar the casing.

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

Troubleshooting

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

The clock flashes "AM 12:00" due to a power interruption.

- The battery is low. Replace the battery. Remove the old battery and install a new one.

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

- Hasn't "ALARM A" or "ALARM B" in the display gone out?

The CD, DAB, or FM alarm is activated but no sound comes on at the preset alarm time.

- Has VOLUME been adjusted?

The CD player does not operate./ "00" flashes in the display for 5 seconds even though a CD is inserted.

- Did you close the CD compartment lid?
- Did you insert the disc correctly? The disc should be inserted with the label 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 allow condensation to evaporate.

Sporadic loss of sound during CD operation.

- Dusty or defective disc — Clean or replace the disc.
- Excessively high volume — Reduce the volume.
- Strong vibration.
- There are scratches on the CD surface. → Insert another CD.

No sound comes from the speakers.

- Has VOLUME been adjusted?

Specifications

CD player section

System: Compact disc digital audio system
Laser diode properties:

Material: GaAlAs
Wavelength: 785 – 800 nm
Emission duration: Continuous
Laser output: Less than 44.6 μW
(This output is the value measured at a distance of about 200 mm from the objective lens surface on an optical pick-up block with a 7-mm aperture.)

Number of channels: 2
Frequency response: 20 – 20 000 Hz ±1 dB
Wow and flutter: Below measurable limit

Radio section

Frequency range:
FM: 87.5 – 108 MHz
DAB (Band-III): 174.928 (5A) - 239.200 (13F) MHz

DAB (Band-III) frequency table (MHz)		
No.	Channel	Frequency
1	5A	174.928
2	5B	176.640
3	5C	178.352
4	5D	180.064
5	6A	181.936
6	6B	183.648
7	6C	185.360
8	6D	187.072
9	7A	188.928
10	7B	190.640
11	7C	192.352
12	7D	194.064
13	8A	195.936
14	8B	197.648
15	8C	199.360
16	8D	201.072
17	9A	202.928
18	9B	204.640
19	9C	206.352
20	9D	208.064
21	10A	209.936
22	10B	211.648
23	10C	213.360
24	10D	215.072
25	11A	216.928
26	11B	218.640
27	11C	220.352
28	11D	222.064
29	12A	223.936
30	12B	225.648
31	12C	227.360
32	12D	229.072
33	13A	230.784
34	13B	232.496
35	13C	234.208
36	13D	235.776
37	13E	237.488
38	13F	239.200

Antennas:
FM/DAB: FM/DAB wire antenna

General

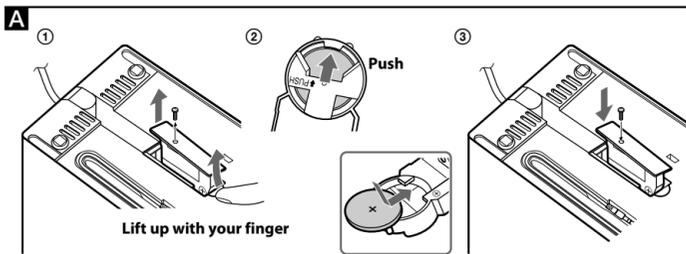
Time display: 12-hour system
Speaker: 50 mm diam., 8 Ω, cone type (2)
Input: Built-in audio cable with stereo-mini plug (1): minimum input level 245 mV, impedance 47 kΩ

Power outputs:
1 W + 1 W (at 8 Ω, 10% harmonic distortion)
Power requirements: 230 V AC, 50 Hz
For power backup: 3 V DC, one CR2032 battery

Dimensions:
Approx. 170 × 136 × 204 mm (w/h/d) incl. projecting parts and controls

Mass:
Approx. 1 700 g incl. CR2032 battery

Design and specifications are subject to change without notice.



Initial Setting for the Clock

This unit is preset to the current date and time at the factory, and is powered by the back up battery.

1 Plug in the unit.

The current time appears in the display.

Note

Though the clock is correctly set at the factory, discrepancies may arise during transport or storage. If necessary, set the clock to the correct time by referring to "Setting the Clock Manually" or "Setting the Date Manually".

When daylight saving time (summer time) begins

This model automatically adjusts for daylight saving time (summer time).

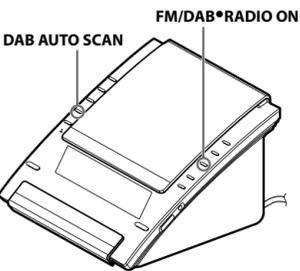
"*S" is displayed from the beginning of daylight saving time (summer time) and disappears at the end of the daylight saving time (summer time) automatically. The summer time adjustment is based on GMT (Greenwich Mean Time).

- Daylight saving time (summer time) begins at: 1:00 AM on the final Sunday of March.
- Standard time begins at: 2:00 AM on the final Sunday of October.

Improving the Reception

Extend the FM/DAB wire antenna fully to increase reception sensitivity.

- The following conditions may interfere with the radio reception:
 - When the unit is placed on a steel desk or metal surface
 - When the unit is near a metal surface (such as a metal wall).
 - When the unit is near a digital music player that is turned on.



Initial Setting for the DAB

When you press **FM/DAB* RADIO ON** repeatedly to select DAB for the first time after you purchase the unit (or after resetting), DAB Automatic Scan starts automatically and creates a list of available services. If you want to run the DAB Auto Scan again or when the unit is reset, do the following:

- 1 Press **FM/DAB* RADIO ON** repeatedly to select DAB.
- 2 Press **DAB AUTO SCAN**. "INITIAL?" appears in the display.
- 3 Press **DAB AUTO SCAN** again while "INITIAL?" displays. Scanning begins. The scanning progress is indicated by advancing asterisks. Depending on the DAB services available in your area, scanning may take a few minutes.



Notes

- If no list creates after DAB scan, "NOSIGNAL" appears in the display.
- To cancel the DAB scan halfway, press **DAB AUTO SCAN**. Any services received before you cancel are added to the list of receivable services.
- If you change the unit's location of use, or want to add a new service after the initial setting, do steps 1 to 3 of "Initial Setting for the DAB" above.

Display examples

Display	indicates
2	2 (two)
5	5 (five)
6	6 (six)
8	8 (eight)
0	0 (zero)
A	A
B	B
D	D
G	G
H	H
K	K
M	M
O	O
Q	Q
R	R
S	S
Z	Z
or	or
"	"
\$	\$
%	%
,	,
.	.
?	?
@	@
^	^

About the Backup Battery

To keep good time, this unit contains one CR2032 battery inside of the unit as a backup power source. The battery keeps the clock operating in the event of a power interruption.

Knowing when to replace the battery

When the battery becomes weak, "CS" appears in the display.

If a power interruption occurs while the battery is weak, the current time and alarm will be initialized. Replace the battery with a Sony CR2032 lithium battery. Use of another battery may cause a fire or explosion.

Note

If "AM 12:00" flashes in the display when the unit is connected to AC outlet for the first time, the battery may be weak. In this case, consult your Sony dealer.

Replacing the battery

- 1 Keep the AC plug connected to the AC outlet and use a screwdriver to remove the screw that secures the battery holder at the bottom of the unit. (See Fig. A-①)
- 2 Push the exhausted battery out from the bottom of the battery holder and insert a new battery with the + side facing up. (See Fig. A-②)
- 3 Insert the battery holder back into the unit and secure it with the screw. (See Fig. A-③)
- 4 Press **FM/DAB* RADIO ON** to turn "CS" off in the display.

Note

When replacing the battery, do not disconnect AC plug from AC outlet. If you do, the current time, alarm and NAP timer will be initialized.

Battery Warning

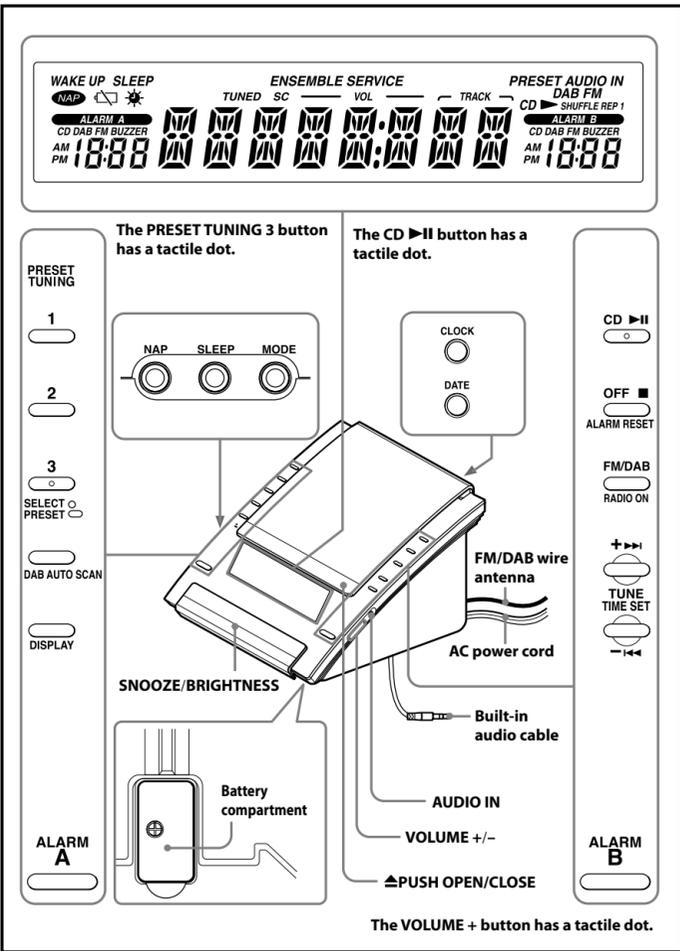
If the unit is to be left unplugged for a long time, remove the battery to avoid undue battery discharge and damage to the unit from battery leakage.

NOTES ON THE LITHIUM BATTERY

- Dispose of the used battery promptly. Keep the lithium battery out of the reach of children. Should the battery be swallowed, consult a doctor immediately.
- Wipe the battery with a dry cloth to assure a good contact.
- Be sure to observe correct polarity when installing the battery.
- Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.
- Do not expose the battery to excessive heat such as direct sunlight, fire or the like.

WARNING

There is a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the equipment manufacturer.



Setting the Date Manually

- 1 Plug in the unit.
- 2 Hold down **DATE** until a short beep sounds. The year starts to flash in the display.
- 3 Press **TUNE*TIME SET +** or **-** repeatedly to set the year.
- 4 Press **DATE**.
- 5 Repeat steps 3 and 4 to set the month and the day, and then press **DATE**. Two short beeps sound and the year, month, and day are set.

Setting the Clock Manually

- 1 Hold down **CLOCK** until a short beep sounds. The hour starts to flash in the display.
- 2 Press **TUNE*TIME SET +** or **-** repeatedly to set the hour.
- 3 Press **CLOCK**.
- 4 Repeat steps 2 and 3 to set the minutes, and then press **CLOCK**. Two short beeps sound and the seconds start incrementing from zero.

- Notes**
- The clock setting will be cancelled if you press **OFF ■*ALARM RESET** while setting the clock.
 - If you do not press a button for about 1 minute while setting the clock, the clock setting will be cancelled.

To display the year and date
Press **Date** once for the date, and within 2 seconds press it again for the year. The display shows the date or year for about 4 seconds and then changes back to the current time.

To change to daylight saving time (summer time) indication
Hold down **OFF ■*ALARM RESET** and **DATE** until two short beeps sound. “*” is displayed, “ON” appear for a few seconds, and then the time changes to daylight saving time (summer time).
To deactivate the daylight saving time (summer time) function, hold down **OFF ■*ALARM RESET** and **DATE** until two short beeps sound again. “OFF” appears for a few seconds, and then “*” disappears.

Setting the Brightness of the Backlight and Illumination

By pressing the **SNOOZE/BRIGHTNESS** button, you can select the brightness level of the backlight and illumination. The brightness level of the backlight changes in conjunction with that of the illumination.

High	Middle
High	Low
Low	OFF

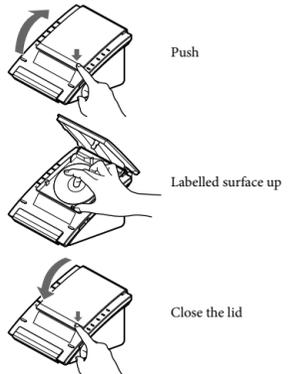
Upper : Backlight level
Lower : Illumination level

While the alarm is sounding, the **SNOOZE/BRIGHTNESS** button cannot be used to change the brightness of the display. It can, however, be used for the SNOOZE function.

Playing a CD

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

- 1 Push **▲PUSH OPEN/CLOSE** to open the CD compartment lid and insert a disc.
- 2 Push **▲PUSH OPEN/CLOSE** to close the CD compartment lid.



- 3 Press **CD >II**. “CD▶” and “TRACK 01” appear in the display to indicate that track 1 of the CD is playing.

- 4 Press **VOLUME +** or **-** repeatedly to adjust the volume.

To	Press
Pause	CD >II
Resume play after pause	CD >II again
Cue to the beginning of the current track (AMS*)	◀◀**
Cue to the next track (AMS*)	▶▶**
Go back at high speed	Hold down ◀◀**
Go forward at high speed	Hold down ▶▶**
Locate a previous track (AMS*)	◀◀ repeatedly**
Locate a succeeding track (AMS*)	▶▶ repeatedly**
Stop play	■

- * AMS = Automatic Music Sensor
** These operations are possible during both play and pause.

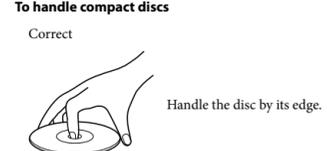
- During CD playback, every time you press **DISPLAY**, the track number appears in the display for a few seconds.

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.



- 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 >II** when there is no disc in the CD compartment, “00” flashes for about 5 seconds in the display and the unit turns off automatically.

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 >II** when there is no disc in the CD compartment, “00” flashes for about 5 seconds in the display and the unit turns off automatically.

Various Modes of CD Playback

You can play tracks repeatedly or in random order.

Press **MODE**. Each press changes the play mode as follows:

Display Indication	Play Mode
None	(normal play)
“REP 1”	(single repeat)
“REP”	(all repeat)
“SHUFFLE”	(shuffle play)
“SHUFFLE REP”	(shuffle repeat)

Notes

- When the selected secondary component is finished, the unit returns automatically to the primary component.

Listening to the Radio

The unit can receive DAB services and FM stations, for which the Preset and Manual tuning modes can be used. For DAB services, Alphabetical mode is also available.

Presets mode: For selecting a favorite stored service or station (see “Presetting Your Favorite Service or Station”).
Manual mode (FM only): For adjusting the frequency manually.

- 1 Press **FM/DAB* RADIO ON** to turn on the radio.
- 2 Press **FM/DAB* RADIO ON** repeatedly to select the desired band. Each press changes the band as follows:
FM → DAB

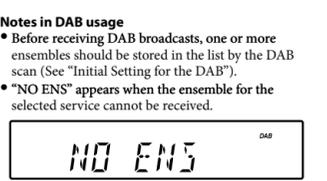
The default setting of the tuning mode is Alphabetical mode in DAB, and Manual mode in FM. If you want to change to Preset mode in both DAB and FM, see “Tuning in to a Preset Service or Station (Preset mode)”.

- 3 Use **TUNE*TIME SET +** or **-** to tune into the desired service or station. Two short beeps sound when the lowest ensemble of DAB or the minimum frequency of FM is received during tuning.
- 4 Adjust the volume using **VOLUME +** or **-**.

When you release **TUNE*TIME SET +** or **-** after locating your desired service or station, the display returns to the current time after about 10 seconds.

To check the ensemble label of a tuned-in service of DAB or the frequency of a tuned-in station of FM, press **FM/DAB* RADIO ON** and the ensemble label or the frequency will appear for about 10 seconds.

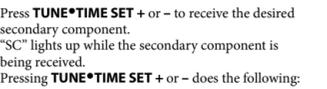
To turn off the radio, press **OFF ■*ALARM RESET**.



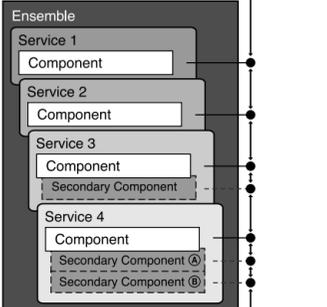
- If a selected service finishes broadcasting, sound stops and “NO SRV” appears. In this case, press **TUNE*TIME SET +** or **-** to select another service.

About the SC (Secondary Component)

If the selected primary component has a secondary component, “SC” flashes in the display.



Press **TUNE*TIME SET +** or **-** to receive the desired secondary component. “SC” lights up while the secondary component is being received. Pressing **TUNE*TIME SET +** or **-** does the following:



Note
When the selected secondary component is finished, the unit returns automatically to the primary component.

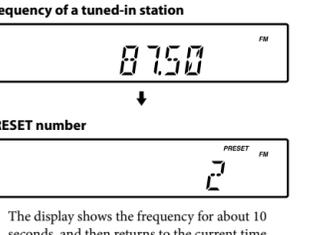
Presetting Your Favorite Service or Station

—Preset Tuning
You can preset up to 3 services in DAB, and 3 FM stations.

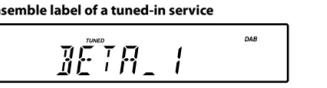
Presetting a Service or a Station

- 1 Follow steps 1 to 3 in “Listening to the Radio” and manually tune in the service or station you wish to preset.
- 2 Hold down the desired **PRESET TUNING** button (1 to 3) until two short beeps sound.

Example 1: The following display appears when you preset FM 87.50 MHz to **PRESET TUNING 2** button for FM.



The display shows the frequency for about 10 seconds, and then returns to the current time.



The display shows the ensemble label for about 10 seconds, and then returns to the current time.

To preset another service or station, repeat these steps. To change the preset service or station, tune in the desired service or station and hold down the desired **PRESET TUNING (1 to 3)** until two short beeps sound. The new service or station will replace the service or station previously set to the **PRESET TUNING** button.

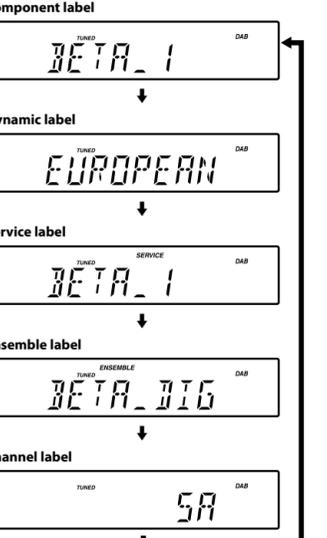
Tuning in to a Preset Service or Station (Preset mode)

- 1 Press **FM/DAB* RADIO ON** to turn on the radio.
- 2 Press **FM/DAB* RADIO ON** to select the band.
- 3 Press the desired **PRESET TUNING** button. When pressing **TUNE*TIME SET +** or **-** buttons during DAB reception, the tuning mode will change to Alphabetical mode (For more detail, see “Listening to the Radio”).
- 4 Adjust the volume using **VOLUME +** or **-**. After about 4 seconds, the display returns to the current time.

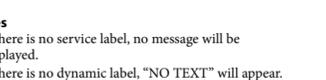
Note
Holding down the desired **PRESET TUNING** button for 2 seconds or more in step 3 will replace the service or station previously set to the **PRESET TUNING** button with the service or station you are tuned in to.

Changing the display (DAB only)

To change the display mode, press **DISPLAY** during DAB reception. The selected display mode remains even if you turn the unit off and on again, or change the band. A dynamic label can be up to 128 characters in length. An ensemble label can be up to 16 characters in length. A component label and service label can be up to 8 characters in length. Each time you press **DISPLAY**, the display changes as follows:



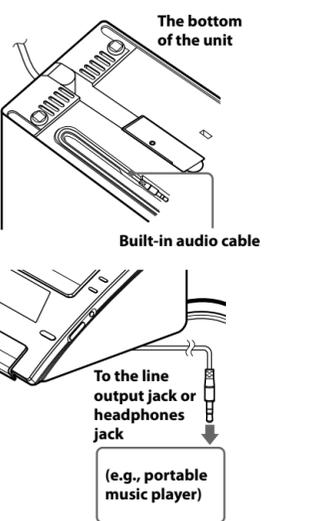
* When holding down **DISPLAY** for 2 seconds or more, the display changes as follows:



- Notes**
- If there is no service label, no message will be displayed.
 - If there is no dynamic label, “NO TEXT” will appear.

Listening to the Sound from a Connected Optional Component

- 1 Connect the built-in audio cable with the stereo-miniplug on the bottom of the unit to the line output jack or headphones jack on the optional component (e.g., portable music player).



- 2 Press **AUDIO IN**. “AUDIO IN” appears in the display.
 - 3 Play the optional component connected to the unit’s built-in audio cable.
 - 4 Adjust the volume using **VOLUME +** or **-**.
- To turn off the sound from the optional component, press **OFF ■*ALARM RESET**, and then turn off the optional component.
- Notes**
- Connect the built-in audio cable firmly to prevent a malfunction.
 - Keep digital music players away from the speakers.

Setting the Alarm

This CD clock radio is equipped with 4 alarm modes—CD, DAB, FM and buzzer. Before setting the alarm, make sure to set the clock (see “Initial Setting for the Clock”).

To Set the Alarm

- 1 Hold down **ALARM A** or **B** until a short beep sounds. The hour flashes in display. Press **TUNE*TIME SET +** or **-** repeatedly until the desired hour appears. To set the hour rapidly, hold down **TUNE*TIME SET +** or **-**.
- 2 Press **ALARM A** or **B**. A short beep sound and the minute flashes. Repeat step 2 to set the minute and press **ALARM A** or **B**. A short beep sound and the alarm mode setting is entered.
- 3 Press **TUNE*TIME SET +** or **-** repeatedly until the desired alarm mode flashes. You can choose one mode among “CD”, “DAB”, “FM” and “BUZZER”. Set the alarm mode as follows:
 - CD: see “[A] Setting the CD Alarm”.
 - DAB or FM: see “[B] Setting the DAB/FM Alarm”.
 - BUZZER: see “[C] Setting the Buzzer Alarm”.

[A] Setting the CD Alarm

For the CD alarm, the track you specified as the wake-up track is played first. (If the CD play mode is set to “SHUFFLE” or “SHUFFLE REP”, all the tracks will be played in random order.)

- 1 Perform steps 1 to 5 in “To set the Alarm”.
- 2 Press **ALARM A** or **B** to select “CD” alarm mode. A short beep sounds and “WAKE UP TRACK” appears in the display.
- 3 Press **TUNE*TIME SET +** or **-** to select the desired wake-up track number.
- 4 Press **ALARM A** or **B**. A short beep sounds and “WAKE UP VOL” appears in the display.
- 5 Press **TUNE*TIME SET +** or **-** to adjust the volume. You can also adjust the volume using **VOLUME +** or **-**.
- 6 Press **ALARM A** or **B**. Two short beeps sound and the setting is entered. When “ALARM A” or “ALARM B” does not appear with “CD” in the display, press **ALARM A** or **B** again. The CD will play at the set time.

[B] Setting the DAB/FM Alarm

For the DAB or FM alarm, the service or station you specify as the wake-up station is played.

- 1 Perform steps 1 to 5 in “To set the Alarm”.
- 2 Press **ALARM A** or **B** to select “DAB” or “FM” alarm mode. After the preset number flashes, “WAKE UP PRESET” or “WAKE UP --” appears in the display.
- 3 Press **TUNE*TIME SET +** or **-** to select the desired wake-up service or station. The service or station changes as follows:
 - When DAB is selected: DAB PRESET 1 – 3
 - When FM is selected: FM PRESET 1 – 3

“--” is the last service or station received. You can directly select the desired wake-up service or station by pressing **FM/DAB* RADIO ON** or the **PRESET TUNING** button while the “--” indication is not displayed.

- 4 Press **ALARM A** or **B**. A short beep sounds and “WAKE UP VOL” appears in the display.
 - 5 Press **TUNE*TIME SET +** or **-** to adjust the volume. You can also adjust the volume using **VOLUME +** or **-**.
 - 6 Press **ALARM A** or **B**. Two short beeps sound and the setting is entered. When “ALARM A” or “ALARM B” does not appear with “DAB” or “FM” in the display, press **ALARM A** or **B** again. The radio will turn on at the set time.
- Note**
If the DAB alarm does not operate (e.g., when the unit is unable to receive DAB services), the buzzer alarm will operate instead.

[C] Setting the Buzzer Alarm

- 1 Perform steps 1 to 5 in “To set the Alarm”.
- 2 Press **ALARM A** or **B** to select “BUZZER” alarm mode. Two short beeps sound and the setting is entered. When “ALARM A” or “ALARM B” does not appear with “BUZZER” in the display, press **ALARM A** or **B** again. The buzzer will sound at the set time.

Note
The volume cannot be set for the buzzer alarm.

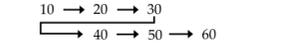
ALARM ON—
Press **ALARM A** or **B** to activate the alarm setting. If “ALARM A” or “ALARM B” does not appear in the display, the alarm setting is not activated. You can only check the alarm setting when it is activated. **Example:** The following display shows the current time and the CD ALARM A for 7:00 am.



If you set the CD alarm and there is no disc in the CD player, the buzzer alarm will sound instead at the time set.

In case of the alarm, the beeping of the alarm becomes louder after every few seconds in three progressive stages. **Note**
When Alarm A and B are set for the same time, Alarm A takes precedence.

To Doze for a Few More Minutes
Press **SNOOZE*BRIGHTNESS** once. “10” appears in the display and the CD, DAB, FM, or BUZZER alarm stops. Every time you press **SNOOZE*BRIGHTNESS**, the snooze time changes as follows:



The display shows the snooze time for a few seconds, and then returns to the current time. When you press **SNOOZE*BRIGHTNESS** after the current time appears, the snooze time goes back to 10 minutes again.

The maximum length of the snooze time is 60 minutes.

To Stop the Alarm

Press **OFF ■*ALARM RESET** to turn off the alarm. The alarm will sound again at the same time the next day.

ALARM OFF—

Press **ALARM A** or **B** to deactivate the alarm setting.

The CD, DAB, FM, or buzzer alarm turns off automatically after 60 minutes.

Note on the alarm in the event of a power interruption

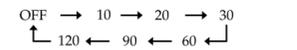
In the event of a power interruption, the alarm will work until the battery is totally discharged. But following functions are different:

- During a power interruption, the display indications, backlight and illumination will not light up.
- If the alarm mode is set to CD, DAB, or FM, it will change to BUZZER automatically.
- If a power interruption occurs while the alarm is sounding, the alarm will stop.
- If **OFF ■*ALARM RESET** is not pressed, the alarm sounds for about 5 minutes.
- If “CX” appears in the display, the alarm will not sound in the event of power interruption. Replace the battery if “CX” appears.
- If a power interruption occurs while the buzzer alarm is sounding, the **SNOOZE/BRIGHTNESS** button will not operate.

Using the NAP Timer (Count Down Timer)

The NAP timer sounds the buzzer after a preset duration has elapsed.

Press **NAP** repeatedly until the desired duration is displayed. Every press changes the display as follows:



“NAP” appears and the NAP time is displayed for a few seconds. NAP timer starts counting down.

When the selected NAP duration has ended, buzzer sounds, and “NAP” flashes in the display. The buzzer turns off automatically after about 60 minutes.

To Stop the NAP Timer

Press **NAP** or **OFF ■*ALARM RESET** to turn off the buzzer.

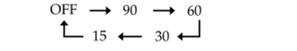
To Deactivate the NAP Timer

Press **NAP**. “NAP” goes off in the display.

Setting the Sleep Timer

The sleep timer allows you to fall asleep to the sound of a CD, DAB, FM, or input from the AUDIO IN function. It does this by automatically turning off the CD, DAB, FM, or input from the AUDIO IN function after a preset duration.

Press **SLEEP** during CD, DAB, FM, or optional component play. You can set the sleep timer to durations of 90, 60, 30, or 15 minutes. Every press changes the duration as follows:



“SLEEP” will appear in the display when the duration is set. The CD, DAB, FM, or the optional component will play for the set duration, and then shut off.

To Turn Off the Sleep Timer function

Press **OFF ■*ALARM RESET**.