SONY®

FM
Clock Radio

Operating Instructions

ICF-C05iP

DREAM MACHINE

Dream Machine is a trademark of Sony Corporation.

Made for
iPod | **iPhone**

**NO POWER
NO PROBLEM**

No Power No Problem is a trademark of Sony Corporation.

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http://www.sony.net/

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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, 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.

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

As the main plug of AC power adaptor is used to disconnect the AC power adaptor 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.

The nameplate and important information concerning safety are located on the bottom exterior of the main unit and on the surface of the AC power adaptor.

CAUTION

Danger of explosion if battery is incorrectly replaced. Replace only with the same type.

Notice for customers: the following information is only applicable to equipment sold in countries applying EU directives

The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

Features

- Wake or sleep to iPod/Radio
- FM digital synthesized tuner
- 20 Station Presets (20 FM)
- Brightness Control (High/Mid/Low/Off)
- Extendable Snooze system from 10 to 60 min
- No Power No Problem alarm system to keep the clock and the alarm operating during a power interruption with a CR2032 battery installed

Precautions

- Operate the unit on the power source specified in "Specifications."
- To disconnect the AC power cord (mains lead), pull it out by the plug, not the cord.
- 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.
- Since a strong magnet is used for the speaker, keep personal credit cards using magnetic coding or spring-wound watches away from the unit to prevent possible damage from the magnet.
- Do not leave the unit in a location near a heat source such as a radiator or airduct, 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 qualified personnel before operating it any further.
- To clean the casing, use a soft cloth dampened with a mild detergent solution.
- Never touch the wire of the external FM aerial during a thunderstorm. Furthermore, immediately disconnect the AC power cord from the radio.

NOTES ON LITHIUM BATTERY

- Wipe the battery with a dry cloth to assure a good contact.
- Be sure to observe the correct polarity when installing the battery.
- Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

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.

Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste. On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead. By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only.
To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.

For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.

For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

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 flashes "AM 12:00" or "0:00" due to a power interruption.

- Check the battery indicator. If the battery indicator is "⌷," replace the battery. Remove the old battery and install a new one.

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

- Check that alarm is properly displayed.

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

- Check the alarm volume setting.

There is no sound from the iPod.

- Make sure the iPod is securely connected.
- Adjust the **VOLUME +**.

The iPod cannot be operated with this unit.

- Make sure the iPod is securely connected.

The iPod cannot be charged.

- Make sure the iPod is securely connected.

When daylight saving time begins, the clock does not employ the daylight saving time automatically.

- Make sure the clock is set correctly.
- Press **DST/SUMMER TIME** to check that the "☀" indicator appears.

Specifications

Time display
Model for UK, Australia and New Zealand:
12-hour System
Model for other countries/regions:
24-hour system

Section for iPod
DC out: 5 V
MAX: 500 mA

Radio section
Frequency range

Band	Frequency	Channel step
FM	87.5 MHz – 108 MHz	0.05 MHz

General
Speaker
Approx. 5 cm (2 inches) dia., cone type, 16 Ω
Power output
0.8 W (at 10 % harmonic distortion)
Power requirements
DC IN 8V (⊖⊱⊕) 1 A
For clock back up: 3V DC, one CR2032 battery
Dimensions
Approx. 134.0 mm × 64.0 mm × 124.5 mm (w/h/d)
(5 $^3/_8$ inches × 2 $^5/_8$ inches × 5 inches) not including projecting parts and controls
Mass
Approx. 410 g (14.5 oz) including power supply unit
Supplied accessories
AC Power adaptor (1)
Universal Dock Adaptor for iPhone (1)
Universal Dock Adapter for iPhone 3GS
& iPhone 3G (1)
Universal Dock Adapter for iPhone 4S
& iPhone 4 (1)

Design and specifications are subject to change without notice.

Compatible iPod/iPhone models

Compatible iPod/iPhone models are as follows. Update your iPod/iPhone to use the latest software before you use it.
iPod touch (4th generation)
iPod touch (3rd generation)
iPod touch (2nd generation)
iPod touch (1st generation)
iPod nano (6th generation)
iPod nano (5th generation)
iPod nano (4th generation)
iPod nano (3rd generation)
iPod nano (2nd generation)
iPod nano (1st generation)
iPod with video
iPod with color display
iPod with click wheel
iPod classic
iPod mini
iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G
iPhone

Notes
- In these Operating Instructions, "iPod" is used as a general reference to functions of iPod on an iPod or iPhone, unless otherwise specified by the text or illustrations.
- The connector of the unit is for sole use with an iPod/iPhone.
- Sony cannot accept responsibility in the event that data recorded to an iPod is lost or damaged when using an iPod connected to this unit.

About the backup battery

To keep accurate time, this unit contains a 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

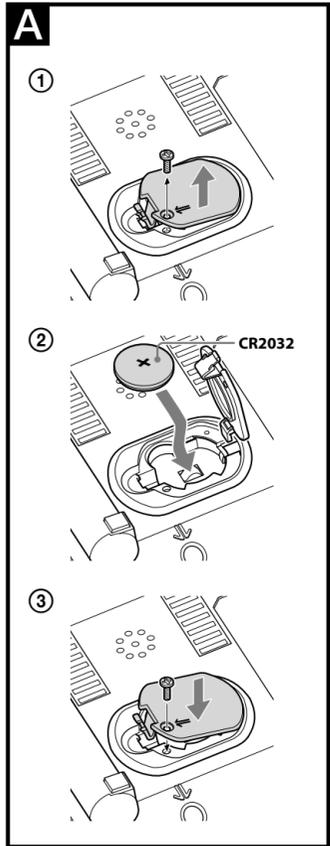When the battery becomes weak, "⌷" appears in the display.
If a power interruption occurs while the battery is weak, the current time and alarm will be erased. Replace the battery with a Sony CR2032 lithium battery. Use of another battery may cause a fire or explosion.

Replacing the battery

1 Keep the AC plug connected to the AC outlet, remove the screw that secures the battery holder at the bottom of the unit using a screwdriver, and remove the battery holder (See fig. **A**-①).
2 Replace a new battery in the battery holder 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 **iPod & iPhone·►II**, **SNOOZE/BRIGHTNESS** or **FM** to turn "⌷" off in the display.

Note
When you replace the battery, do not disconnect the AC power adaptor from the unit. Otherwise, current time, alarm and station presets will be erased.
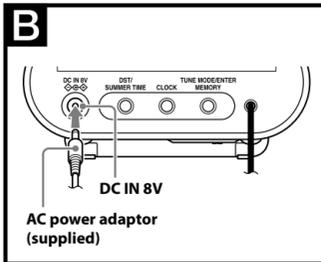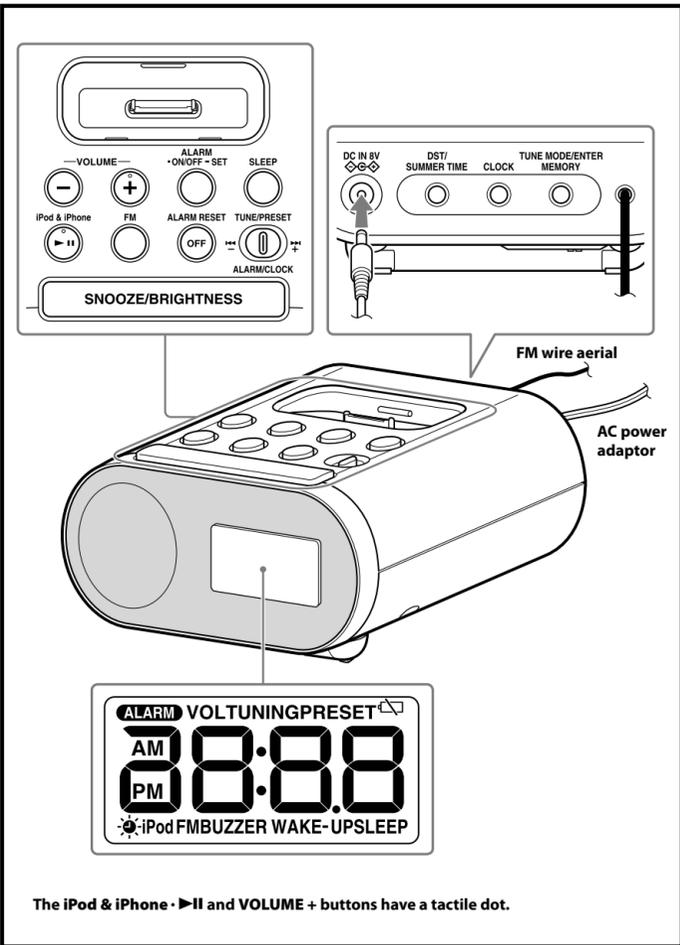
Using House Current (See fig. **B**)

Use only the AC power adaptor supplied. Do not use any other AC power adaptor. It may cause a malfunction.

On the AC power adaptor
- Use the supplied AC power adaptor only. The polarity of the plugs of other manufacturers may be different. Failure to use the supplied AC power adaptor may cause the unit to malfunction.
- Do not touch the AC power adaptor with wet hands.
- Connect the AC power adaptor to an easily accessible AC outlet.
  Should you notice an abnormality in the AC power adaptor, disconnect it from the AC outlet immediately.

B

DC IN 8V   DST/   TUNE MODE/ENTER
SUMMER TIME CLOCK MEMORY

DC IN 8V

AC power adaptor (supplied)

A

①

② CR2032

③

The iPod & iPhone ▶❙❙ and VOLUME + buttons have a tactile dot.

Setting the clock

1 Plug in the unit.
2 Press and hold **CLOCK** until the hour flashes in the display.
 The hour starts to flash in the display.
3 Press **ALARM/CLOCK +** or **–** repeatedly to set the hour.
4 Press **CLOCK**.
5 Repeat steps **3** and **4** to set the minute, and then press **CLOCK**.
 The seconds start incrementing from zero.

Notes
• If you do not press any button for about 1 minute while setting the clock, the clock setting will be canceled.
• The clock system varies depending on the model you own.
 12-hour system: "AM 12:00" = midnight
 24-hour system: "0:00" = midnight
• When pressing any of the rear buttons, hold the unit firmly to prevent slippage.

To change the display to the daylight saving time (summer time) indication
Change the daylight saving time (summer time) adjustment setting according to the following procedures.

Press **DST/SUMMER TIME**.
"☀" appears in the display and the time indication changes to the daylight saving time (summer time).
To deactivate the daylight saving time (summer time) adjustment, press **DST/SUMMER TIME** again. "☀" disappears.

Setting the brightness of the display

Four levels of brightness are available by pressing **SNOOZE/BRIGHTNESS**.

High (default) → Middle → Low → Off

Operating the radio

There are two ways to tune.
To switch between the two tuning methods (manual tuning or preset), press **TUNE MODE/ENTER · MEMORY**.
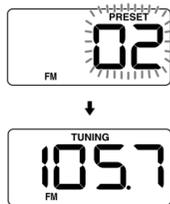
Auto preset

You can preset 20 stations for FM.
1 Press **FM** to turn on the radio.
2 Press and hold **FM** until "AP" appears in the display.
3 Press **TUNE MODE/ENTER · MEMORY**.
 The unit automatically presets the available channels in order.

If a station cannot be preset automatically

You need to preset a station with a weak signal manually.
1 Follow steps **1** and **2** in "Manual tuning mode" to tune the frequency you wish to preset.
2 Press and hold **TUNE MODE/ENTER · MEMORY** for preset number until the flashes.
3 Press **TUNE/PRESET** ❙◀◀ or ▶▶❙ to select the preset number, then press **TUNE MODE/ENTER · MEMORY**.
 The frequency is stored with the selected preset number.

Example: The following display appears when you preset FM 105.7 MHz to preset number 2 for FM.

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

To preset another station, repeat these steps.

Note
If you try to store another station with the same preset number, the previously stored station will be replaced.

Preset tuning mode
1 Press **FM** to turn on the radio.
 Check that the preset mode is selected.
2 Press **TUNE/PRESET** ❙◀◀ or ▶▶❙ to select the desired preset number.
3 Adjust the volume using **VOLUME +** or **–**.

Manual tuning mode

1 Press **FM** to turn on the radio.
 Check that the manual tuning mode is selected.
2 Press **TUNE/PRESET** ❙◀◀ or ▶▶❙ to tune in to a desired frequency.
3 Adjust the volume using **VOLUME +** or **–**.

Note
The FM frequency display is raised or lowered by a step of 0.1 MHz. For example, frequency 88.00 and 88.05 MHz is displayed as "88.0 MHz."

Tuning in to a station
The unit automatically scan FM stations.

1 Press **FM** to turn on the radio.
 Check that the manual tuning mode is selected.
2 Press and hold **TUNE/PRESET** ❙◀◀ or ▶▶❙.
 ▶▶❙ : scans upward through the frequency bands.
 ❙◀◀ : scans downwards through the frequency bands.
 Scanning starts from the currently-tuned frequency. When a station is received, scanning stops.
3 Adjust the volume using **VOLUME +** or **–**.

Improving the reception

FM: Extend the FM wire aerial fully to increase reception sensitivity.

Notes on radio reception
• Keep digital music players or mobile phones away from the FM aerial, as this may lead to reception interference.
• When you are listening to the radio with an iPhone connected to the unit, interference with radio reception may occur.
• When you are listening to the radio while charging an iPod, interference with radio reception may occur.
• Do not place the FM aerial close to the AC power adaptor as noise may result.

Operating an iPod

You can enjoy audio from iPod by connecting to this unit. To use an iPod, refer to the user's guide of your iPod.
If you are using an iPhone 4S, iPhone 4, iPhone 3GS, iPhone 3G or iPhone, attach the supplied universal dock adapter for iPhone 4S, iPhone 4, iPhone 3GS, iPhone 3G or iPhone before connecting.
The adapter number, ⑫, ⑮ or ⑲, is shown on the underside of the supplied universal dock adapters. ⑫ is for the iPhone, ⑮ is for the iPhone 3GS & iPhone 3G and ⑲ is for the iPhone 4S & iPhone 4. Check the adapter number before use.
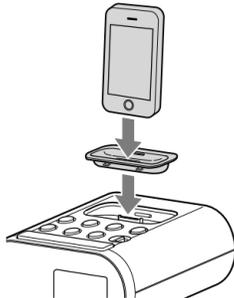
Universal dock adaptor

⑫   ⑮   ⑲

Notes
• When inserting an iPod into the unit, be sure to use the universal dock adaptor supplied with your iPod or commercially available from Apple Inc.
• The connector of the unit is exclusively for use with an iPod.
• Sony cannot accept responsibility in the event that data recorded on an iPod is lost or damaged when using an iPod connected to this unit.
• For details of environmental conditions for operating your iPod, check the website of Apple Inc.

1 Attach the adaptor for your iPod/iPhone.
2 Insert your iPod/iPhone into the connector of the unit.

3 Press **iPod & iPhone · ▶❙❙**.
 The iPod begins to play automatically. You can operate the connected iPod by this unit or the buttons on iPod.
4 Adjust the volume using **VOLUME +** or **–**.

To	Press
Turn off the iPod	**OFF**, or press and hold **iPod & iPhone · ▶❙❙**
Pause playback	**iPod & iPhone · ▶❙❙** To resume play, press it again.
Go to the next track	▶▶❙
Go back to the previous track	❙◀◀ *
Locate a point while listening to the sound	▶▶❙ (forward) or ❙◀◀ (backward) while playing and hold it until you find the point.
Locate a point while observing the display	▶▶❙ (forward) or ❙◀◀ (backward) in pause and hold it until you find the point.

* During playback, this operation goes back to the beginning of the current track. To go back to the previous track, press twice.

Notes
• When placing or removing the iPod, hold the iPod at the same angle as that of the connector on this unit, and do not twist or bend the iPod as connector damage may result.
• Do not carry the unit with an iPod set on the connector. Doing so may cause a malfunction.
• When placing or removing the iPod, hold the iPod firmly so as not to topple the unit.
• Before disconnecting the iPod, pause playback.

To use the unit as a battery charger
You can use the unit as a battery charger.
Charging begins when the iPod is connected to the unit.
Charging status appears in the display of iPod. For details, see the user's guide of your iPod.

On copyrights
iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
"Made for iPod," and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.

Setting the alarm

This clock radio is equipped with 3 alarm modes—iPod, radio and buzzer. Before setting the alarm, make sure to set the clock (see "Setting the clock").

To set the alarm

1 Press and hold **ALARM - SET**.
 "WAKE-UP" appears and the hour flashes in the display.
2 Press **ALARM/CLOCK +** or **–** repeatedly until the desired hour appears.
 To cycle the hour rapidly, press and hold **ALARM/CLOCK +** or **–**.
3 Press **ALARM · ON/OFF**.
 The minute flashes.
4 Repeat step **2** to set the minute.
5 Press **ALARM · ON/OFF**.
 The alarm mode setting is entered.
6 Press **ALARM/CLOCK +** or **–** repeatedly until the desired alarm mode flashes.
 You can choose one of 3 settings: "iPod", "FM" or "BUZZER." Set the alarm mode as follows:
 – iPod: see "A Setting the alarm for iPod."
 – FM: see "B Setting the radio alarm."
 – BUZZER: see "C Setting the buzzer alarm."

A Setting the alarm for iPod
1 Perform steps **1** to **6** in "To set the alarm."
2 Press **ALARM · ON/OFF** to select alarm mode for "iPod".
 "VOL" appears in the display.
3 Press **ALARM/CLOCK +** or **–** to adjust the volume.
4 Press **ALARM · ON/OFF**.
 The setting is entered.
5 If "ALARM" does not appear in the display, press **ALARM · ON/OFF** again.
 The iPod will sound at the set time.

When using an iPod touch/iPhone
• To wake up to music stored in an iPod touch/iPhone, connect the iPod touch/iPhone to the unit first, follow the steps above to set alarm time, and then select the music function.
• Even if the alarm setting for iPod is complete, if you turn the power of iPod touch/iPhone off before inserting the iPod touch/iPhone into the unit, the alarm for iPod will not work.

B Setting the radio alarm
1 Perform steps **1** to **6** in "To set the alarm."
2 Press **ALARM · ON/OFF** to select "FM" alarm mode.
 "FM", "PRESET" number or "– –" flashes.
 "– –" is the last station received.
3 Press **ALARM/CLOCK +** or **–** to select the desired preset number or "– –".
4 Press **ALARM · ON/OFF**.
 "VOL" appears in the display.
5 Press **ALARM/CLOCK +** or **–** to adjust the volume.
6 Press **ALARM · ON/OFF**.
7 If "ALARM" does not appear in the display, press **ALARM · ON/OFF** again.
 The radio will turn on at the set time.

C Setting the Buzzer Alarm
1 Perform steps **1** to **6** in "To set the alarm."
2 Press **ALARM · ON/OFF** to select "BUZZER" alarm mode.
 The setting is entered.
3 If "ALARM" does not appear in the display, press **ALARM · ON/OFF** again.
 The buzzer will sound at the set time.

Note
The volume cannot be set for the buzzer alarm.

To confirm an alarm time setting
Turn off the "ALARM" indicator in the display, and press the **ALARM · ON/OFF** button once.

To change an alarm setting
Set the alarm again.

To doze for a few more minutes
Press **SNOOZE/BRIGHTNESS**.
The sound turns off but will automatically come on again after about 10 minutes.
You can change the snooze time by pressing **SNOOZE/BRIGHTNESS** repeatedly within 4 seconds.
The maximum length of the snooze time is 60 minutes.

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

To deactivate the alarm
Press **ALARM · ON/OFF** to turn off the "ALARM" indicator from the display.

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. However, certain functions will be affected as follows:
• The backlight will not light up.
• If the alarm mode is set to iPod or radio, it will change to BUZZER automatically.
• If a power interruption occurs while the alarm is sounding, the alarm will stop.
• If **ALARM RESET · OFF** is not pressed, the alarm will sound for about 5 minutes.
• If "⊏⊐" appears in the display, the alarm will not sound in the event of power interruption. Replace the battery if "⊏⊐" appears.
• The snooze function will not work.
• During a power interruption, the alarm will sound at the set time only once.

Setting the sleep timer

You can fall asleep to the music, etc., using the built-in sleep timer that turns off the unit automatically after a preset duration.

1 Press **SLEEP** while the unit is turned on.
 "SLEEP" appears and the sleep time flashes in the display.
2 Press **SLEEP** to set the sleep timer duration.
 Each time you press **SLEEP**, the duration (in minutes) changes as follows:

 90 → 60 → 30 → 15
 OFF ←

 The display returns to clock mode for about 4 seconds after you have finished the duration setting and released **SLEEP**, and then the sleep timer starts.
 The unit will play for the duration you set, and then shut off.

To turn off the unit before the preset time
Press **ALARM RESET · OFF**.

To change the sleep timer setting
You can press **SLEEP** repeatedly to select the desired sleep timer setting even after the sleep timer has been activated.

To deactivate the sleep timer
Press **SLEEP** repeatedly to set the sleep timer to "OFF" in step **2**.