

# TV/WEATHER/FM/AM CD Clock Radio

## ICF-CD843V

### Operating Instructions

## DREAM MACHINE

Dream Machine is a trademark of Sony Corporation.

### 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. ICF-CD843V

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.

© 2004 Sony Corporation

Printed in China

<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. 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 is required. For specific instructions on how to obtain warranty service for your product,

Visit Sony's Web Site:  
[www.sony.com/service](http://www.sony.com/service)

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. 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.

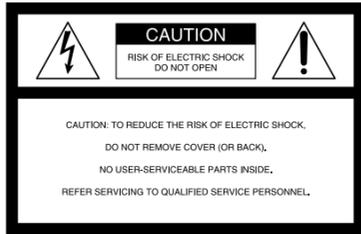
**DURATION OF IMPLIED WARRANTIES:** EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

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.

## WARNING

### To prevent fire or shock hazard, do not expose the unit 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 prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.



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.

\* The graphical symbols are at the bottom of the unit.

### 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/TV technician for help.

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

Sony Customer Information Services Center  
1-800-222-7669 or write to:  
Sony Customer Information Services Center  
12451 Gateway Blvd., Ft Myers, FL 33913

Declaration of Conformity  
Trade Name: SONY  
Model: ICF-CD843V  
Responsible Party: Sony Electronics Inc.  
Address: 680 Kinderkamack Road,  
Oradell, NJ 07649 USA  
Telephone Number: 201-930-6972

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

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

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

## Features

- TV/WEATHER/FM/AM 4 band PLL (phase locked loop) synthesized clock radio
- Easy preset digital tuning with 25 memory presets
- Built-in CD player with CD-R/RW playback function
- Easy to see large Display with small footprint.
- Triple Alarm (Radio, buzzer or CD) with the extendable snooze function.
- Easy nap timer—one push operation.
- LCD with backlight which has a brightness control switch.
- D.S.T. (Daylight Saving Time) –Summer time calculation.

## Precautions

- Operate the unit on the power source specified in the "Specifications."
- The nameplate indicating operating voltage, etc. is located on the bottom of the unit.
- To disconnect the 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 airt 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.
- 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 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 CD, radio or buzzer alarm does not sound at the preset alarm time.**

- Hasn't all ALARM indicator lights gone out?
- The CD or radio alarm is activated but no sound comes on at the preset alarm time.**
- 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 labelled 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

### AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 4–ohm loads, both channels driven from 100 – 10 000 Hz; rated 1.0 W per channel–minimum RMS power, with no more than 10% total harmonic distortion in AC operation.

### CD player section

**System:** Compact disc digital audio system

**Laser diode properties:**

Material: GaAlAs  
Wavelength: 780 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 the optical pick-up block with 7 mm aperture.)

**Frequency response:** 20-20 000 Hz ±1.5 dB

**Wow and flutter:** Below measurable limit

### Radio section

**Frequency range:**

TV: 2 – 13 ch  
WEATHER: 1 – 7 ch  
FM: 87.5 – 108 MHz  
AM: 530 – 1 710 kHz

### General

**Time display:** 12-hour system

**Speaker:** 66 mm (2 5/8 inches) dia., 4 Ω

**Power outputs:**

1.2 W + 1.2 W (at 10% harmonic distortion)

**Power requirements:** 120 V AC, 60 Hz

**Dimensions:**

Approx. 185.5 × 176 × 210.5 mm (w/h/d)  
(Approx. 7 3/8 × 7 × 8 3/8 inches) incl. projecting parts and controls

**Mass:** Approx. 1 780 g (3 lb 15 oz)

Design and specifications are subject to change without notice.



Lead-free solder is used for soldering.

Halogenated flame retardants are not used in printed wiring boards.

## IMPORTANT SAFEGUARDS

For your protection, please read these safety instructions completely before operating the appliance, and keep this manual for future reference. Carefully observe all warnings, precautions and instructions on the appliance and in the operating instructions, and adhere to them.

### INSTALLATION

#### Water and Moisture

Do not use powerline operated appliances near water - for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.

#### Heat

Do not place the appliance near or over a radiator or heat register, or where it is exposed to direct sunlight.

#### Ventilation

The slots and openings in the cabinet are provided for necessary ventilation. To ensure reliable operation of the appliance, and to protect it from overheating, these slots and openings must never be blocked or covered.

-Never cover the slots and openings with a cloth or other materials.

-Never block the slots and openings by placing the appliance on a bed, sofa, rug or other similar surface.

-Never place the appliance in a confined space, such as a bookcase, or built-in cabinet, unless proper ventilation is provided.

#### Accessories

Do not place the appliance on an unstable cart, stand, tripod, bracket, or table. The appliance may fall, causing serious injury to a child or an adult, and serious damage to the appliance. Use only a cart, stand, tripod, bracket, or table recommended by Sony.

-An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

#### Wall or Ceiling Mounting

If your appliance can be mounted to a wall or ceiling, mount it only as recommended by Sony.

### USE

#### Power Source

This appliance should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of electrical power supplied to your home, consult your dealer or local power company. For those appliances designed to operate from battery power, or other sources, refer to the operating instructions.

#### Grounding or Polarization

This appliance is equipped with a polarized AC power cord plug (a plug having one blade wider than the other), or with a three-wire grounding type plug (a plug having a third pin for grounding). Follow the instructions below:

#### -For the appliance with a polarized AC power cord plug:

This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to have a suitable outlet installed. Do not defeat the safety purpose of the polarized plug by forcing it in.

#### -For the appliance with a three-wire grounding type AC plug:

This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to have a suitable outlet installed. Do not defeat the safety purpose of the grounding plug.

#### Overloading

Do not overload wall outlets, extension cords or convenience receptacles beyond their capacity, since this can result in fire or electric shock.

#### When not in use

Unplug the power cord of the appliance from the outlet when left unused for a long period of time. To disconnect the cord, pull it out by grasping the plug. Never pull the plug out by the cord.

#### Power-Cord Protection

Route the power cord so that it is not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the plugs, receptacles, and the point where the cord exits from the appliance.

#### Lightning

For added protection for this appliance during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the appliance due to lightning and powerline surges.

#### Object and Liquid Entry

Never push objects of any kind into the appliance through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the appliance.

#### Cleaning

Unplug the appliance from the wall outlet before cleaning or polishing it. Do not use liquid cleaners or aerosol cleaners. Use a cloth lightly dampened with water for cleaning the exterior of the appliance. Clean the appliance only as recommended by Sony.

#### Attachments

Do not use attachments not recommended by Sony, as they may cause hazards.

## ANTENNAS

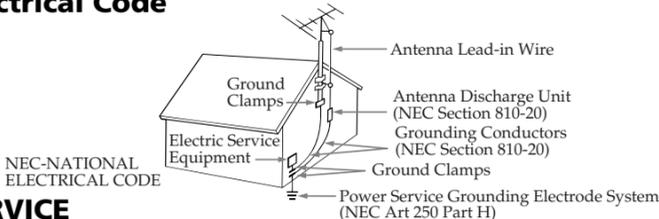
### Outdoor Antenna Grounding

If an outdoor antenna or cable system is installed, follow the precautions below.

An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can come in contact with such power lines or circuits. WHEN INSTALLING AN OUTDOOR ANTENNA SYSTEM, EXTREME CARE SHOULD BE TAKEN TO KEEP FROM CONTACTING SUCH POWER LINES OR CIRCUITS AS CONTACT WITH THEM IS ALMOST INVARIABLY FATAL.

Be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

## Antenna Grounding According to the National Electrical Code



## SERVICE

### Damage Requiring Service

Unplug the appliance from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power cord or plug is damaged or frayed.
- If liquid has been spilled or objects have fallen into the appliance.
- If the appliance has been exposed to rain or water.
- The appliance does not appear to operate normally or exhibits a marked change in performance.
- This indicates a need for service.
- If the appliance does not operate normally when following the operating instructions, adjust only those controls that are specified in the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the appliance to normal operation.
- If the appliance has been subject to excessive shock by being dropped, or the cabinet has been damaged.

### Servicing

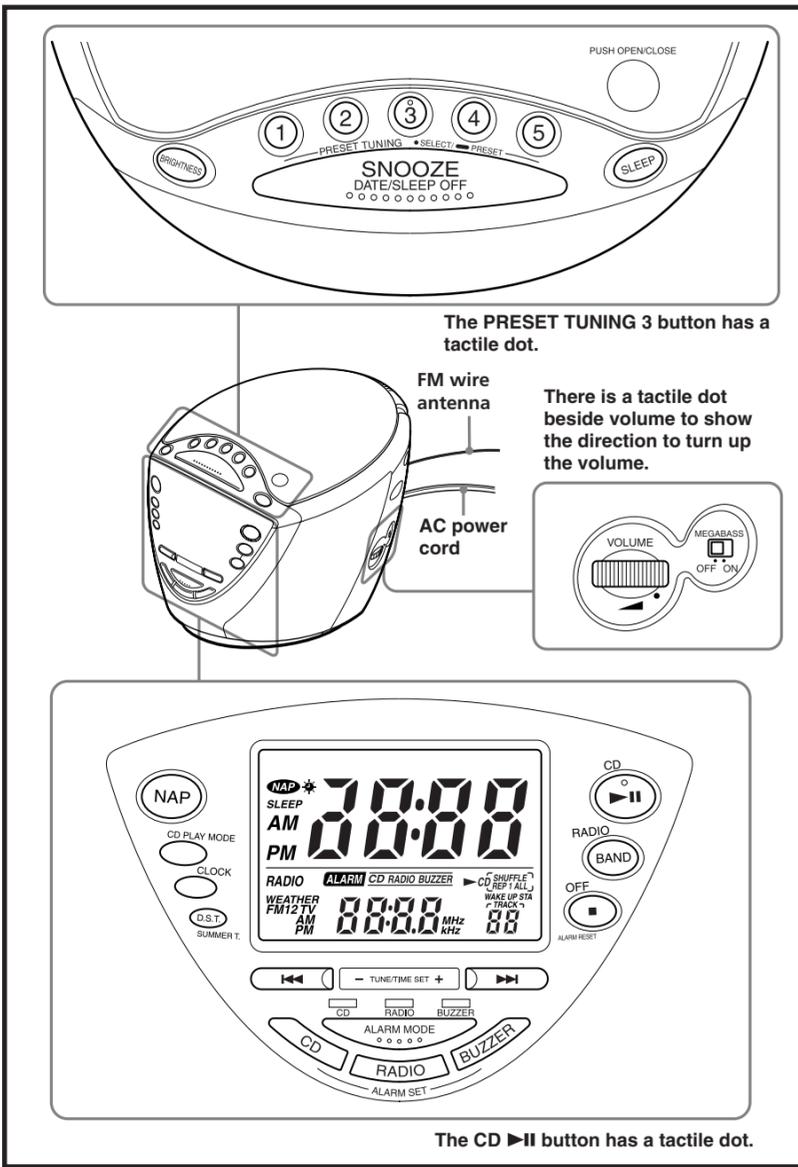
Do not attempt to service the appliance yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

### Replacement parts

When replacement parts are required, be sure the service technician has used replacement parts specified by Sony that have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, or other hazards.

### Safety Check

Upon completion of any service or repairs to the appliance, ask the service technician to perform routine safety checks (as specified by Sony) to determine that the appliance is in safe operating condition.

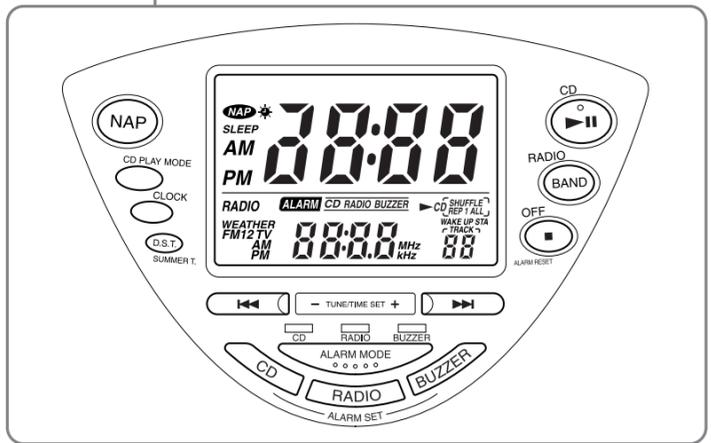
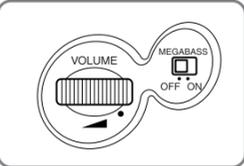


The PRESET TUNING 3 button has a tactile dot.

FM wire antenna

There is a tactile dot beside volume to show the direction to turn up the volume.

AC power cord



The CD ►► button has a tactile dot.

## Setting the Brightness of the Backlight

Press **BRIGHTNESS** to select high, middle or low for the display according to your preference.

## Setting the Clock and Date

- 1 Plug in the clock radio. The display will flash "AM 12:00".
- 2 Press **CLOCK** for a few seconds. You will hear a beep and the year will start to flash in the display.
- 3 Press **TUNE/TIME SET +** or **-** until the correct year appears in the display.
- 4 Press **CLOCK** once.
- 5 Repeat steps 3 and 4 to set the month, day, hour, and minute. After setting the minutes, press **CLOCK** to start the clock, and you will hear two short beeps.

To display the year and date, press **SNOOZE•DATE/SLEEP OFF** once for the date, and within 4 seconds press it again for the year. The display shows the date or year for a few seconds and then changes back to the current time.

To set the current time rapidly, hold down **TUNE/TIME SET +** or **-**.

In step 5, when you press **CLOCK** after the minute setting to activate the clock, the seconds start counting from zero.

To change the display to the **daylight saving time (summer time)** indication

Press **D.S.T./SUMMER T**. "★" is displayed and the time indication changes to summer time.

To deactivate the summer time function, press **D.S.T./SUMMER T**, again.

## Playing a CD

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

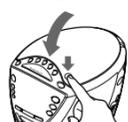
- 1 Push **OPEN/CLOSE** to open the CD compartment lid and place a disc.
- 2 Close the CD compartment lid.



Push



Labelled surface up



Close the lid

- 3 Press **CD ►►**. "►CD" and "TRACK 01" appear on the display to indicate that track 1 of the CD is playing.

- 4 Press **VOLUME** to adjust the volume.

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

\* AMS = Automatic Music Sensor

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

## 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.

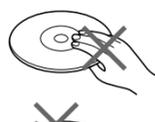
### To handle compact discs

Correct



Handle the disc by its edge.

Incorrect



Do not touch the surface.



Do not stick paper or tape or write anything on the surface.

### 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 ►►** when there is no disc in the CD compartment, "00" flashes for about 5 seconds on the display and the unit turns off automatically.
- After 20 minutes, playback will be stop when you press **CD ►►** during play back.

## Various Modes of CD Playback

You can play tracks repeatedly or in random order.

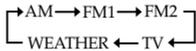
Press **CD PLAY MODE**.

Each press changes the play mode as follows:

Display Indication	Play mode
none	(normal play)
"REP 1"	(single repeat)
"REP ALL"	(all repeat)
"SHUFFLE"	(shuffle play)
"SHUFFLE REP"	(shuffle repeat)

## Playing the Radio —Manual Tuning

- 1 Press **RADIO•BAND** to turn on the radio. "RADIO" appears on the display.
- 2 Press **RADIO•BAND** repeatedly to select the desired band. Each press changes the band as follows:



When using FM1 or FM2 preset mode, you may listen to the radio on either mode (See "Presetting Your Favorite Station").

- 3 Use **TUNE/TIME SET +** or **-** to tune into a station. Two short beeps sound when the minimum frequency of each band is received during tuning.
- 4 Adjust volume using **VOLUME**.

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

To check the frequency of the tuned-in station, press **RADIO•BAND** and the frequency appears for about 10 seconds.

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

## Improving the Reception

### TV/WEATHER/FM:

Extend the FM wire antenna fully to increase reception sensitivity.

**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.

## Presetting Your Favorite Station —Preset Tuning

You can preset up to 10 stations in FM (5 stations in FM1, 5 stations in FM2), and 5 stations each in AM, TV, WEATHER.

### Presetting a Station

- 1 Follow steps 1 to 4 in "Playing the Radio" and manually tune into the station you wish to preset.
- 2 Hold down the **PRESET TUNING** button you wish to preset until you hear two short beeps.

**Example:** Display window when you preset FM 90 MHz in the **PRESET TUNING 2** button for FM2.



The frequency remains on the display for about 10 seconds and then returns to the previous display.

To preset another station, repeat these steps. To change the preset station, tune into the desired station and hold down the **PRESET TUNING 1** to **5** button. The new station will replace the previous station on the **PRESET TUNING** button.

### Tuning into a Preset Station

- 1 Press **RADIO•BAND** to turn on the radio.
- 2 Press **RADIO•BAND** to select the band.
- 3 Press the desired **PRESET TUNING** button.
- 4 Adjust the volume using **VOLUME**. After about 10 seconds, the display will return to the previous display but the **PRESET TUNING** button number will remain.

**Note** Holding down the desired **PRESET TUNING** button for more than a few seconds in step 3 will replace the previous station on the **PRESET TUNING** button with the station you are tuned into.

## Setting the Alarm

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

### To Set the Alarm Time

#### To Set 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", however, all the tracks are played in random order.)

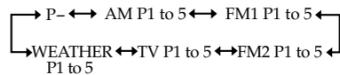
- 1 With the alarm turned on, adjust the volume to the level you require.
- 2 Press **ALARM SET CD** for a few seconds. "ALARM", "CD" appear on the display. After one beep, "ALARM" and the hour will start to flash in the display.
- 3 Press **TUNE/TIME SET +** or **-** until the desired hour appears. To set the hour rapidly, hold down **TUNE/TIME SET +** or **-**.
- 4 Press **ALARM SET CD**. The minute will flash.
- 5 Repeat step 3 to set the minute and press **ALARM SET CD**. The wake-up track number flashes on the display.
- 6 Press **TUNE/TIME SET +** or **-** to select the desired wake-up track number. The wake-up track number can be set up to 99.
- 7 Press **ALARM SET CD**. Two short beeps will confirm the setting.

#### To Set the Radio Alarm:

For the radio alarm, the station you specified as the Wake-up station is played.

- 1 Tune into a station and adjust the volume.
- 2 Press **ALARM SET RADIO** for a few seconds. "ALARM" and "RADIO" appear on the display. After one beep, "ALARM" and the hour will start to flash on the display.

- 3 Press **TUNE/TIME SET +** or **-** until the desired hour appears. To set the hour rapidly, hold down **TUNE/TIME SET +** or **-**.
- 4 Press **ALARM SET RADIO**. The minute will flash.
- 5 Repeat step 3 to set the minute and press **ALARM SET RADIO**. "WAKE UP STA" appears and the preset number flashes on the display.
- 6 Press **TUNE/TIME SET +** or **-** to select the wake-up station. Preset number changes in the order as follows:



"P-" is the last received station.

You can directly select the desired wake-up station by pressing **RADIO•BAND** or the **PRESET TUNING** button while the indication "P-" is not displayed.

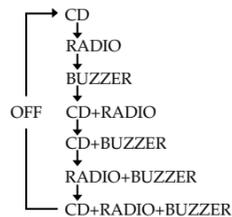
- 7 Press **ALARM SET RADIO**. Two short beeps will confirm the setting.

### To Set the Buzzer Alarm:

- 1 Press **ALARM SET BUZZER** for a few seconds. "ALARM" and "BUZZER" appear on the display. After one beep, "ALARM" and the hour will start to flash on the display.
- 2 Press **TUNE/TIME SET +** or **-** until the desired hour appears. To set the hour rapidly, hold down **TUNE/TIME SET +** or **-**.
- 3 Press **ALARM SET BUZZER**. The minute will flash.
- 4 Repeat step 2 to set the minute and press **ALARM SET BUZZER**. Two short beeps will confirm the setting.

### To Set the Alarm Mode

Before setting the alarm mode, be sure to set the alarm time. (See "To Set the Alarm Time".) Repeat the pressing of **ALARM MODE** to select the alarm mode you want. Every time you press **ALARM MODE**, CD/RADIO/BUZZER indicator changes in the order as follows:



The alarm time which plays or sounds next is displayed.

### To Check the Alarm Setting

For **ALARM SET CD**, pressing once displays the alarm time, pressing twice displays the wake-up track number. For **ALARM SET RADIO**, pressing once displays the alarm time, pressing twice displays the wake-up station. For **ALARM SET BUZZER**, pressing once displays the alarm time. The display shows the alarm setting for a few seconds and then returns to the previous display.

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

### ALARM ON—

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

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

### Note

When CD, radio and buzzer alarms are set for the same time, the CD alarm takes precedence. If the CD alarm is not set, the radio alarm takes precedence.

### To Doze for a Few More Minutes

Press **SNOOZE•DATE/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•DATE/SLEEP OFF**, the snooze time changes as follows:



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

The maximum length of the snooze time is 60 minutes.

### ALARM OFF—

The CD, radio, or buzzer alarm is turned off automatically after 60 minutes.

### To Stop the Alarm

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

### To Deactivate the Alarm

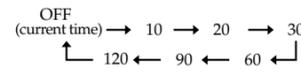
Press **ALARM MODE** repeatedly until CD/RADIO/BUZZER indicator go off.

## Using the NAP Timer (Count Down Timer)

The NAP timer sounds the buzzer after a preset time duration.

Press **NAP** repeatedly until the desired minutes are displayed.

Every press changes the display as follows:



"NAP" and the NAP time is displayed for a few seconds. NAP timer starts counting down the NAP time.

When the selected NAP time has passed, a beep sounds, and "NAP" appears in the display.

### To Stop NAP Timer

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

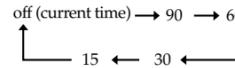
### To Deactivate NAP Timer

Press **NAP**. "NAP" goes off in the display.

## Setting the Sleep Timer

You can fall asleep to the CD or the radio using the built-in sleep timer to turn off the CD or the radio automatically after a preset duration.

Press **SLEEP** during CD or radio play. You can set the sleep timer to durations of 90, 60, 30, or 15 minutes. Every push changes the display as follows:



"SLEEP" will appear in the display when the duration time is set. The CD or the radio will play for the time you set, then shut off.

To turn off the CD or the radio before the preset time, press **SNOOZE•DATE/SLEEP OFF**.

## Other Useful Functions

### To Obtain Powerful Bass

Switch **MEGA BASS** to **ON**. The "MEGA BASS" system produces a powerful bass sound.