

FM/AM PLL Synthesized Clock Radio

Operating Instructions

DREAM MACHINE

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ICF-C743

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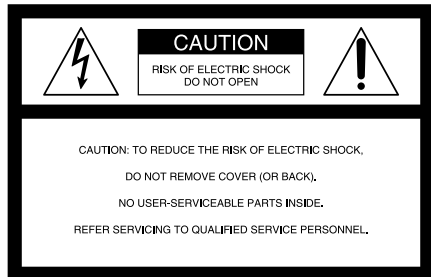
For customers in the USA

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.

WARNING

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



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 on the AC power adaptor enclosure.

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

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Before You Begin

Thank you for choosing the Sony Dream Machine. The Dream Machine will give you many hours of reliable service and listening pleasure. Before operating your unit, please read these instructions thoroughly and retain them for future reference.

Features

- Dual alarm FM/AM PLL (Phase Locked Loop) synthesized clock radio
- Easy preset digital tuning with 15 memory presets
- Illumination light, that is most suitable as a bedside interior.
- Various types of alarms—radio, buzzer and 4 melodies
- NAP timer sounds the buzzer after desired time durations of between 10 to 120 minutes that can be selected from 6 different time settings, convenient for taking naps.
- LCD with backlight, and brightness adjustment for the backlight.

Precautions

- Operate the unit only on 120 V AC, 60 Hz.
- To disconnect the power cord (mains lead), pull it out the plug, not by the cord.
- 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.
- Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that block the ventilation holes.
- Should any liquid or solid object fall into the unit, unplug the unit and have it checked by qualified personnel before operating it further.
- When the casing becomes soiled, clean it with a soft cloth dampened with a mild detergent solution. Never use abrasive cleaners or chemical solvents, as they may mar the casing.

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

Specifications

Time display	12-hour system
Frequency range	FM: 87.5 – 108 MHz AM: 530 – 1 710 kHz
Speaker	Approx. 5.7 cm (2 1/4 inches) dia. 4 Ω
Power output	200 mW (at 10 % harmonic distortion)
Power requirements	120 V AC, 60 Hz
Dimensions	Approx. 138 × 88.5 × 100 mm (w/h/d) (5 1/2 × 3 1/2 × 4 inches) including projecting parts and controls
Mass	Approx. 460 g (1 lb 0.2 oz)

Design and specifications are subject to change without notice.

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

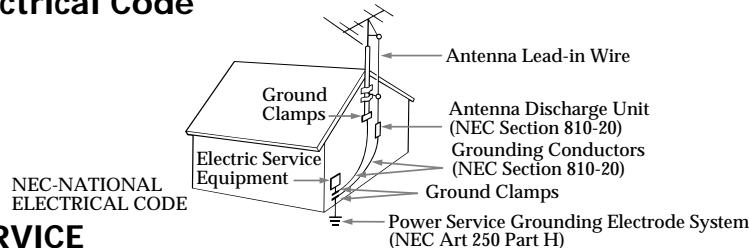
Outdoor Antenna Grounding

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.

SONY®

Tape Cassette Player/Recorder/CD Player/Mini Disc
DAT/Radio/Head Phone/Speaker/MIC/Personals

LIMITED WARRANTY

Portable Audio

Sony Electronics Inc. ("Sony") warrants this Product (including any accessories) against defects in material or workmanship as follows:

1. For a period of one (1) year from the date of purchase, Sony will repair or replace, at its option, at no charge through your Sony authorized dealer, Sony owned Service Center, or the Sony Audio / Accessory Exchange Department, the defective unit. After this one (1) year period, you must pay for the replacement unit. This warranty does not cover costs incurred in connection with the removal and re-installation of radios, speakers or accessories, nor does it cover any other contingent expenses.

2. To obtain warranty service, you must take the Product, or deliver the Product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any authorized Sony service facility.

This warranty does not cover customer instruction, installation, set up adjustments or signal reception problems.

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product, including the antenna. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Sony to service the Product. This warranty does not cover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This warranty is valid only in the United States.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, 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. In addition, if you enter into a service contract with the Sony Partnership within 90 days of the date of sale, the limitation on how long an implied warranty lasts does not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

The Address of the Sony Audio / Accessory Exchange Department is:

Sony Audio / Accessory Exchange Department
5819 Riverside Drive Suite 500
Laredo, Tx 78041

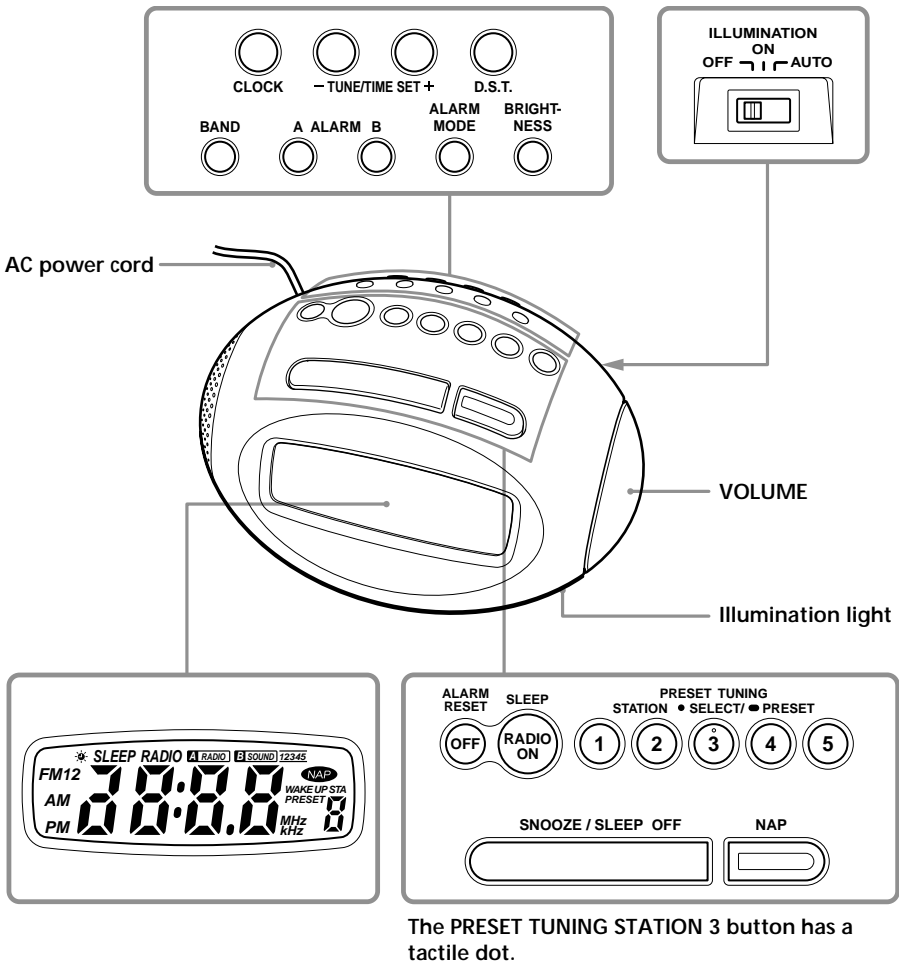
For your convenience, Sony Electronics Inc. has established telephone numbers for frequently asked questions:

To locate the servicer or dealer nearest you, or for service assistance or resolution of a service problem, or for product information or operation, call:

Sony Customer Information Service Center
1-(800)-222-7669
or write to:
Sony Customer Information Service Center
12451 Gateway Blvd.
Fort Myers, FL 33913

For an accessory or part not available from your authorized dealer, call:

1-(800)-488-SONY (7669)



The PRESET TUNING STATION 3 button has a tactile dot.

Setting the Clock

- 1 Plug in the unit. "AM 12:00" flashes on the display.
- 2 Press **CLOCK** for a few seconds until a beep sounds. The hour starts to flash on the display.
- 3 Press **TUNE/TIME SET +** or **-** until the correct hour appears. To set the current time rapidly, hold down **TUNE/TIME SET +** or **-**.
- 4 Press **CLOCK** once.
- 5 Repeat steps 3 and 4 to set the minute. Two short beeps sound, and the counting of the seconds starts.

If you quit during the clock setting, after about 65 seconds the previous display will return. To set the current time from zero seconds, press **CLOCK** with the time signal in step 5.

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

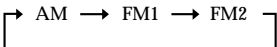
Press **D.S.T.** "☼" is displayed and the time indication changes to summer time. To deactivate the summer time function, press **D.S.T.** again.

To set the brightness of the backlight Press **BRIGHTNESS** to select high, middle or low for the display according to your preferences.

Playing the Radio

Manual Tuning

- 1 Press **RADIO ON•SLEEP** to turn on the radio. The display shows the band and frequency for 10 seconds and then changes back to the current time.
- 2 Press **BAND** to select the 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 "Preset Tuning".)

- 3 Press **TUNE/TIME SET +** or **-** to tune in to the desired station. Two short beeps sound when the minimum frequency of each band is received during tuning.
- 4 Adjust volume using **VOLUME**. To turn off the radio, press **OFF•ALARM RESET**.

To check the station being received Press **TUNE/TIME SET +** or **-** lightly. The display shows the band and frequency for 10 seconds and then returns to the previous display.

Improving the Reception

FM: The AC power cord functions as an FM antenna. Extend the AC power cord fully to increase reception sensitivity.

AM: Rotate the unit horizontally for optimum reception. A ferrite bar is built in to 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 in AM.

Presetting a station Example: To set FM 90 MHz in the **PRESET TUNING STATION 2** button for FM2.

- 1 Press **RADIO ON•SLEEP** to turn on the radio.
- 2 Press **BAND** to select FM2.
- 3 Tune in to FM 90 MHz. (See "Manual Tuning".)
- 4 Hold down the **PRESET TUNING STATION 2** button for more than 2 seconds. The preset number "2" and "**PRESET**" flash on the display. Two beeps sound, and "2" and "**PRESET**" stop flashing.



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

Tuning in to a preset station

- 1 Press **RADIO ON•SLEEP** to turn on the radio.
- 2 Press **BAND** to select the band.
- 3 Press the desired **PRESET TUNING STATION** button. Do not hold down the **PRESET TUNING STATION** button for more than a few seconds. Otherwise, the station you have tuned in to will be preset to that **PRESET TUNING STATION** button and the previously preset station will be canceled.
- 4 Adjust the volume using **VOLUME**. After 10 seconds, the display will return to the current time but the **PRESET TUNING STATION** button number will remain.

Setting the Illumination Light

You can change the setting of the illumination light at the bottom of this unit. Set **ILLUMINATION** to **AUTO**, **ON** or **OFF**. The illumination light operates as follows: **AUTO:** The illumination light turns on when the radio is turned on. The illumination light flashes when **ALARM A** or **B**, or **NAP** timer sound comes on. The illumination light goes out when the radio, the sound alarm or the **NAP** timer sound is turned off.

ON: The illumination light is always lit.

OFF: The illumination light does not turn on.

Setting the Alarm

You can set two types of alarms, radio (**ALARM A**) and sound (**ALARM B**). The alarm will come on at the same time everyday. Before setting the alarm, make sure to set the clock. (See "Setting the Clock")

Notes

- The factory setting alarm time for radio (**ALARM A**) and sound (**ALARM B**) is "AM 12:00".
- If you quit during the alarm setting, after about 65 seconds the previous display will return.

To Set the Radio Alarm (ALARM A)

- 1 Press **ALARM A** for a few seconds until a beep sounds. "**A RADIO**" and the hour flash on the display.
 - 2 Press **TUNE/TIME SET +** or **-** to set the desired hour.
 - 3 Press **ALARM A**.
 - 4 Repeat steps 2 and 3 to set the minute. A beep sounds to confirm the setting of time. "WAKE UP STA" appears and the preset number flashes on the display.
 - 5 Press **TUNE/TIME SET +** or **-** to select the station you last listened or a preset station as **WAKE UP STA** (station). Each press of **TUNE/TIME SET +** changes **WAKE UP STA** (station) as follows:
-
- Pressing **TUNE/TIME SET -** changes **WAKE UP STA** (station) in reverse order.
- 6 Press **ALARM A** again. Two beeps sound to confirm the setting.

To use **ALARM A**, set the alarm mode. (See "Setting the Alarm Mode".) When the alarm comes on at the preset time, "**A RADIO**" flashes on the display and **WAKE UP STA** (the station selected in step 5) comes on. The radio is turned off automatically after about 60 minutes.

To check the alarm setting Press **ALARM A** once. The display shows the preset time. If you press **ALARM A** again, the display shows **WAKE UP STA** (station). To return to the previous display, press **CLOCK** or wait for a few seconds.

To Set the Sound Alarm (ALARM B)

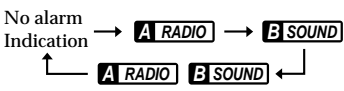
- 1 Press **ALARM B** for a few seconds until a beep sounds. "**B SOUND**" and the hour flash on the display.
- 2 Press **TUNE/TIME SET +** or **-** to set the desired hour.
- 3 Press **ALARM B**.
- 4 Repeat steps 2 and 3 to set the minute. A beep sounds to confirm the setting of time.
- 5 Press **TUNE/TIME SET +** or **-** to select the sound number of beep (1) or melodies (2 to 5). When selecting the number, you can hear the sound of the number for 5 seconds.
- 6 Press **ALARM B** again. Two beeps sound to confirm the setting.

To use **ALARM B**, set the alarm mode. (See "Setting the Alarm Mode".) When the alarm comes on at the preset time, "**B SOUND**" and the selected sound number flash on the display. The sound is turned off automatically after about 60 minutes.

To check the alarm setting Press **ALARM B** once. The display shows the preset time and the selected sound number. To return to the previous display, press **CLOCK** or wait for a few seconds.

Setting the Alarm Mode

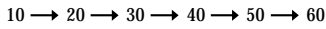
Before setting the alarm mode, be sure to set the alarm time. (See "Setting the Alarm") Press **ALARM MODE** repeatedly until the desired mode is selected. Each press of **ALARM MODE** changes the indication on the display as follows:



The selected sound number is displayed with "**B SOUND**". If the same alarm time is set for both radio and sound alarm (**ALARM A** and **B**), the radio alarm (**ALARM A**) takes priority.

To Doze for a Few More Minutes

Press **SNOOZE/SLEEP OFF**. The radio or sound turns off but will automatically come on again after about 10 minutes. Each time you press **SNOOZE/SLEEP OFF**, the snooze time changes as follows:



The maximum length of the snooze time is 60 minutes.

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.

To Stop the Alarm

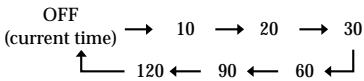
Press **OFF•ALARM RESET** to turn off the alarm. The alarm will come on again at the same time the next day.

To Deactivate the Alarm

Press **ALARM MODE** repeatedly so that "**A RADIO**" and "**B SOUND**" 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 is displayed. Each press changes the display as follows:



The **NAP** button lamp turns on, "**NAP**" and the **NAP** time are displayed for a few seconds. **NAP** timer starts counting down the **NAP** time. When selected **NAP** time has passed, the buzzer comes on, and the **NAP** button lamp and "**NAP**" on the display flash. The buzzer is turned off automatically after about 60 minutes.

To Stop NAP Timer

Press **NAP** to turn off the buzzer.

To Deactivate NAP Timer

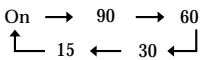
Press **NAP**. The **NAP** button lamp and "**NAP**" go off.

Setting the Sleep Timer

You can enjoy falling asleep to the radio using the built-in sleep timer that turns off the radio automatically after a preset duration.

Press **RADIO ON•SLEEP**.

The radio turns on. You can set the sleep timer to durations of 90, 60, 30, or 15 minutes. Each press changes the display as follows:



Two short beeps sound when the display returns to "On". "**SLEEP**" will appear in the display when the duration time is set. The radio will play for the time you set, then shut off.

To turn off the radio before the preset time Press **SNOOZE/SLEEP OFF** or **OFF•ALARM RESET**.

To Use Both Sleep Timer and Alarm

You can fall asleep to the radio and also be awakened by the radio or sound alarm at the preset time.

- 1 Set the alarm. (See "Setting the Alarm".)
- 2 Set the sleep timer. (See "Setting the Sleep Timer".)

Troubleshooting

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

The clock does not show the correct time.

- Has an electrical power outage lasting more than 1 minutes occurred?

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

- Has the desired radio or buzzer alarm been activated? (i.e. Is "**A RADIO**" or "**B SOUND**" displayed?)

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

- Has **VOLUME** been adjusted?

The preset stations may be deleted from the memory, if a maintenance service is performed. Please note down your settings in case you want to preset them again.