

**SONY**

3-800-382-21 (2)

FM/AM Clock Radio

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# **ICF-C780**

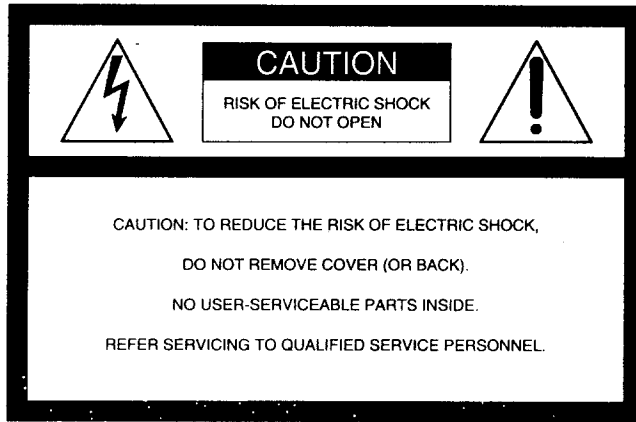
**Operating Instructions**

# **DREAM MACHINE**

Sony Corporation © 1995 Printed in Malaysia

## **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.

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## 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 the Dream Machine, please read these instructions thoroughly and retain them for future reference.

\* Dream Machine is a trademark of Sony Corporation.

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## Features

- Dual alarm
- Date display
- Forward/reverse time setting
- Stand to place on the flat surface or hang on the wall
- Full power backup to keep the clock and the alarm (radio and buzzer) during a power interruption with a 6F22 battery (not supplied) installed.

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## Installing the Battery

To keep good time, your Dream Machine needs one 6F22 battery (not supplied), in addition to house current. The battery keeps the clock operating in the event of a power interruption. Before setting the time on your Dream Machine, open the lid at the bottom of the unit, install the battery with correct polarity and then close the lid.

- After a power interruption, the displayed time may not be always correct (It may gain or lose about 10 minutes per hour).

### Knowing When To Replace the Battery

To check battery power, unplug the power cord from the wall outlet and plug it in again after a few minutes. If the displayed time is incorrect, replace the battery with a new one.

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## Precautions

- Operate the unit on the power sources specified in "Specifications".
- The nameplate indicating operating voltage, etc. is located at the bottom of the unit.
- To disconnect the power cord, pull it out by the plug, not the cord.
- The unit is not disconnected from AC power source (mains) as long as it is connected to the wall outlet even if the unit itself is turned off.
- Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that block the ventilation holes.
- Should anything fall into the unit, unplug the unit and have it checked by qualified personnel before operating it further.
- To clean the casing, use a soft cloth dampened with a mild detergent solution.

### Battery Warning

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

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

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## Specifications

### Frequency range

FM: 87.5 - 108 MHz,  
AM: 530 - 1,605 kHz

### Speaker

Approx. 6.6 cm (2 5/8 inches) dia. 8 Ω

### Power output

400 mW (at 10 % harmonic distortion)

### Power requirements

120 V AC, 60 Hz

For power backup: 9 V DC, one 6F22 battery

### Battery life

Approx. 35 hours using the Sony S-006P (U) battery

### Dimensions

Approx. 195 x 71.5 x 153 mm (w/h/d)  
(7 3/4 x 2 7/8 x 6 1/8 inches) incl. projecting parts and controls

Approx. 195 x 53 x 153 mm (w/h/d)  
(7 3/4 x 2 1/8 x 6 1/8 inches) not incl. projecting parts and controls

### Mass

Approx. 650 g (1 lb 7 oz) not incl. battery

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 described in the operating instructions supplied with the appliance by Sony.

### INSTALLATION

#### Water and Moisture

Do not install the appliance near water: for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

#### Heat

Do not install the appliance near sources of heat such as radiators, heat registers, stoves, or other appliances that produce heat.

#### Ventilation

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

Do not place the appliance on a bed, sofa, rug or other similar surface which may block the slots and openings.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.

#### Carts and Stands

Do not install the appliance on an unstable table, shelf, cart or stand. Use only a cart or stand 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

Connect the appliance to a power supply only of the type described in the operating instructions or as marked on the appliance.

#### Grounding or Polarization

Do not defeat the grounding or polarization feature of the AC power cord. If your AC receptacle will not accept the power cord plug, contact your electrician to install a proper AC receptacle.

#### AC Receptacle

Check to make sure that the AC receptacle holds the power cord plug firmly and securely. If the power cord plug is loose, contact your electrician to replace the defective and unsafe AC receptacle.

#### Power-Cord Protection

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

#### 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.

**Foreign Objects**

Be careful that foreign objects and liquids do not enter the enclosure through openings.

**Cleaning**

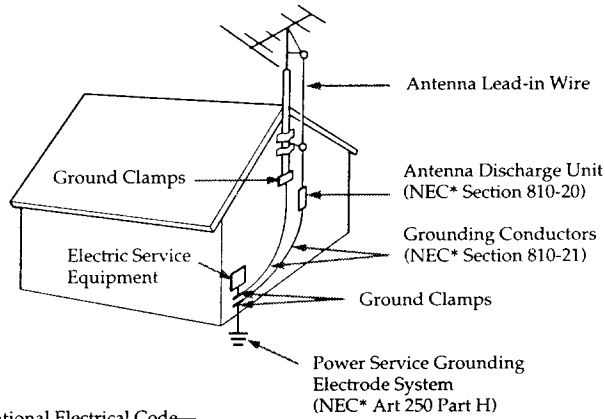
Clean the appliance only as recommended by Sony.

**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**

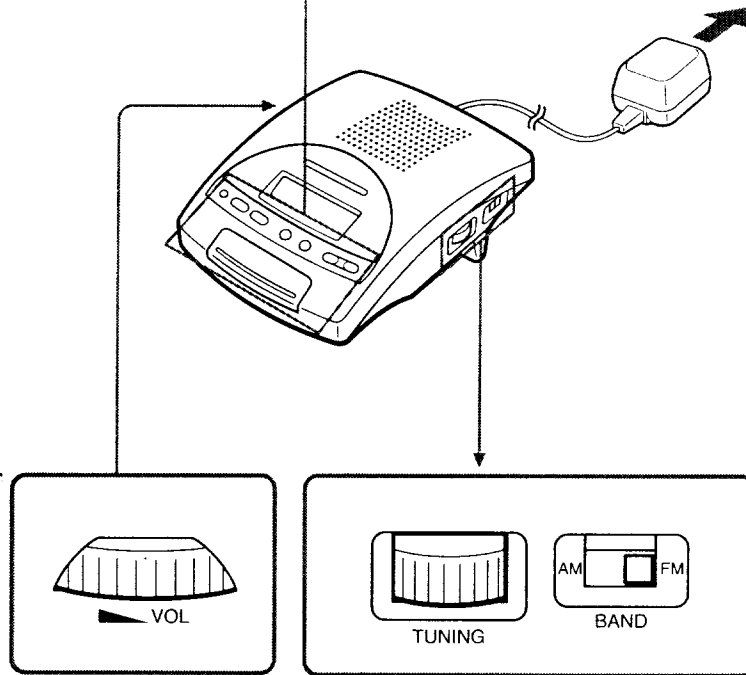
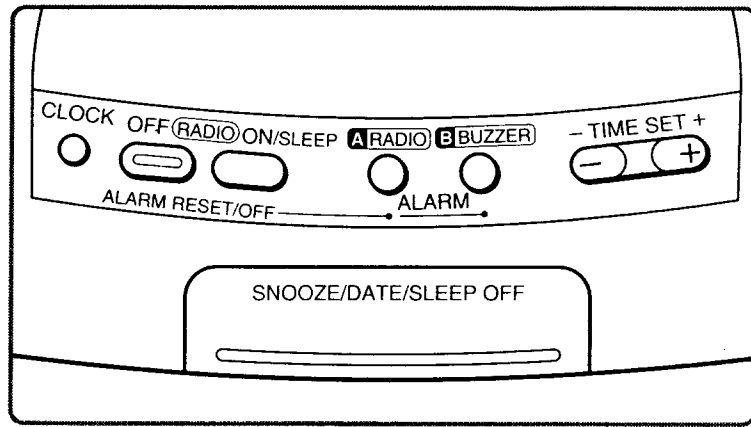
—NEC National Electrical Code—

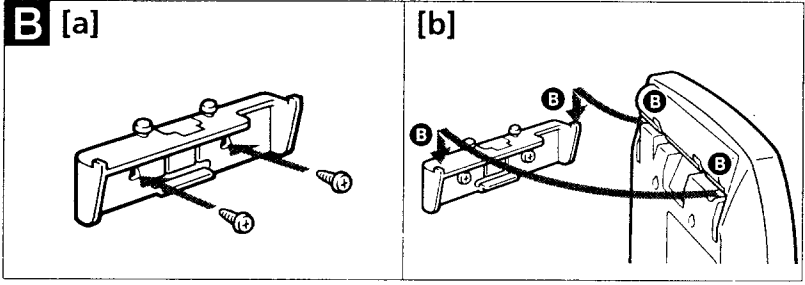
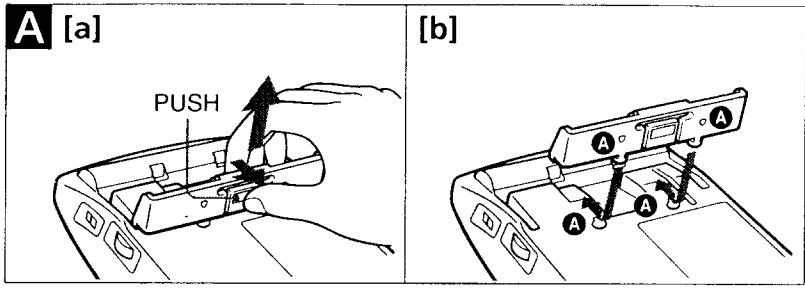
**SERVICE**

Unplug the appliance from the wall outlet and consult qualified service personnel when:

- the power cord or the plug has been damaged.
- a solid object or liquid has fallen into the cabinet.
- the appliance has been exposed to rain or moisture.
- the appliance does not appear to operate normally or exhibits a marked change in performance.
- the appliance has been dropped, or the enclosure damaged.

Do not attempt to service the appliance beyond that described in the operating instructions. For all other servicing refer to qualified service personnel only.





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## Setting the Clock and the Date

### Setting the Clock

- 1 Plug in the unit.  
The display will flash "AM 12:00".
- 2 While holding down **CLOCK**, press either + or - under **TIME SET** till the correct time appears in the display. When you release **CLOCK**, the clock begins to operate.

- To set the current time rapidly, keep pressing the + or - button while holding down **CLOCK**.

### Setting the Date

- 1 While holding down **SNOOZE/DATE/SLEEP OFF**, press either + or - under **TIME SET** till the correct date appears in the display. Then, release **SNOOZE/DATE/SLEEP OFF**.

- To display the date, press **SNOOZE/DATE/SLEEP OFF**. The display returns to the current time when you release **SNOOZE/DATE/SLEEP OFF**.

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## Playing the Radio

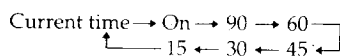
- 1 Press **RADIO ON/SLEEP** to turn on the radio and adjust **VOL** (volume).
  - 2 Select **FM** or **AM** and tune in a station using the **TUNING** dial.
- To turn off the radio, press **RADIO OFF/ALARM RESET/OFF**.
  - To improve radio reception
    - FM**: Since the antenna is encased in the AC power cord, extend the cord to improve FM reception.
    - AM**: Rotate the unit horizontally for optimum reception. A ferrite bar antenna is built into the unit.

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## Setting the Sleep Timer

Enjoy falling asleep to the radio using the built-in sleep timer that shuts off the radio automatically at a preset time.

- 1 Press **RADIO ON/SLEEP**.  
The radio turns on. It will go off after the preset time has passed. You can set the sleep timer of 90, 60, 45, 30 or 15 minutes. Every push changes the display as follows.



The radio will play for the time you set, then shut off.

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

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## Using the Stand

### Placing the Unit on a Flat Surface (See illustration A)

You can place the unit on a table top or any other flat surface of suitable height using the stand.

- To remove the stand, slide the stand to the direction of the arrow by pressing the "PUSH" mark on the stand. [a]
- To install the stand again, put the projecting parts of the stand to the hole at the bottom of the unit and slide them to the direction of the arrow. [b]

### Hanging to the Wall (See illustration B)

You can hang the unit to the wall installing the stand with the screws (not supplied).

- 1 Remove the stand.
- 2 Install the stand to the wall with the screws (not supplied). [a]
- 3 Hang the unit to the stand. [b]



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## Setting the Alarm

To set the radio alarm, first tune in a station and adjust the volume.

- 1 While holding down **ALARM A RADIO** (for the radio) or **B BUZZER** (for the buzzer), press either **+** or **-** under **TIME SET** till the desired time appears in the display. When you release **ALARM A** or **B**, the **ALARM A** or **B** indicator stops flashing and lights up, and the current time appears in the display.

The alarm will come on at the preset time and automatically turn itself off after 59 minutes.

- If you set **ALARM A** and **ALARM B** at the same desired time, only **ALARM A** will work.
- To shut off the alarm, press **RADIO OFF/ALARM RESET/OFF**.  
The alarm will come on at the preset time the next day.
- To cancel either alarm, while holding down the **ALARM A** or **ALARM B** button, press **RADIO OFF/ALARM RESET/OFF**.
- To doze for a few more minutes, press **SNOOZE/DATE/SLEEP OFF**.  
The alarm will shut off, but will come on again after about 6 minutes. You can repeat this process as many times as you like.
- To adjust the radio alarm volume, turn the **VOL**.
- To check the preset time, press **ALARM A** or **B**.

**SONY®****LIMITED WARRANTY**

SONY ELECTRONICS INC ("SONY") warrants this product against defects in material or workmanship, as follows:

For a period of 1 year from the date of retail purchase, SONY shall at its sole and absolute option either repair the defective product at no charge or replace the defective product with the same model or its equivalent model at no charge through a SONY SERVICE CENTER.

To obtain warranty service, you must take the product, or deliver the product prepaid, to one of the SONY SERVICE CENTERS located in the United States.

Proof of purchase in the form of a bill of sale or receipted invoice, which indicates that the product is within the warranty period, must be presented to obtain warranty service. SONY suggests that the purchaser retain the dealer's dated bill of sale as evidence of the date of retail purchase.

This warranty does not cover cosmetic damage, and damage to any part of the product, including the antenna, which results from acts of God, accident, misuse, abuse, improper maintenance, or connection to an improper voltage supply.

This warranty is valid only if the serial number appears on the product. This warranty is valid only in the United States of America.

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 <sup>SM</sup> 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 also have other rights which vary from state to state.

Please refer to the list of SONY SERVICE CENTERS on the reverse side for the SONY SERVICE CENTER nearest you.

For your convenience, Sony Electronics Inc has established the Customer Information Center to supply you with product or service information.

**SONY CUSTOMER INFORMATION CENTER**

201-930-SONY (7669)

714-821-SONY (7669)

708-250-SONY (7669)

or write to:

**SONY CUSTOMER INFORMATION CENTER**Sony Drive, Mail Drop #T1-11  
Park Ridge, New Jersey 07656**SONY ELECTRONICS INC**

Sony Drive, Park Ridge, New Jersey 07656

To obtain warranty service, please take the product, or deliver the product prepaid, to one of the following Sony Service Centers located around the United States.

All of the following items must be included when the product is shipped prepaid to the SONY SERVICE CENTER.

- Name, address and a phone number where you may be reached during the day.
- A copy of proof of purchase, as evidence that the product is within the warranty period.
- Brief description of the product defect.
- All supplied accessories with the product.

### Sony Service Centers

<b>Arizona</b> Phoenix 2240 North Scottsdale Road Tempe, AZ 85281 (602) 949-7669	<b>Hawaii</b> Honolulu 950 Mapunapuna Street Honolulu, HI 96819 (808) 834-6622	<b>Missouri</b> St. Louis 12462-D Natural Bridge Road Bridgeton, MO 63044 (314) 291-2701
<b>California</b> Burbank (Los Angeles area) 4100 Riverside Drive, Suite A Burbank, CA 91505 (818) 842-7669 Costa Mesa (Orange County area) 2729 Bristol Street, South Costa Mesa, CA 92626 (714) 549-4833 San Bruno (San Francisco area) 751 Camino Plaza San Bruno, CA 94066 (415) 871-2810 San Diego 8975 Complex Drive San Diego, CA 92123 (619) 279-2724 San Jose 1359 Old Oakland Road San Jose, CA 95112 (408) 280-7669	<b>Illinois</b> Chicago 1730 West Fullerton, Suite 4 Riverpoint Shopping Center Chicago, IL 60614 (312) 929-8585 Niles (Chicago NW) 7540 North Caldwell Avenue Niles, IL 60648 (708) 647-2400 Westmont (Chicago SW) 6036 38 South Cass Avenue Westmont, IL 60559 (708) 969-0049 <b>Kansas</b> Kansas City 11712 West 95th Street Overland Park KS 66214 (913) 888-2622 <b>Maryland (Washington D.C.)</b> Washington D.C. 5300 Sunnyside Avenue Beltsville, MD 20705 (301) 595-1818 <b>Massachusetts</b> Boston 390 University Avenue 128 Westwood Industrial Center Westwood, MA 02090 (617) 329-5130 <b>Michigan</b> Detroit 43304 Eleven Mile Road Novi, MI 48050 (313) 344-4044 <b>Minnesota</b> Minneapolis 4300 W. 36 1/2 Street St. Louis Park, MN 55416 (612) 920-8000	<b>New Jersey</b> Mahwah (N.Y. Metropolitan Area) 386 Route 17 South Mahwah, NJ 07430 (201) 529-1655 Union Bridlees Shopping Center US Highway 22 At Morris Avenue Union, NJ 07083 (201) 687-5555 <b>Ohio</b> Cleveland 6370 York Road Parma Heights, OH 44130 (216) 845-7669 <b>Pennsylvania</b> Philadelphia 651 Park Avenue King of Prussia, PA 19406 (215) 768-8850 Pittsburgh Wexford Plaza 10610 Perry Highway (Rt. 19N) Wexford, PA 15080 (412) 935-8466 <b>Texas</b> Dallas 401 Preston Valley Shopping Center Dallas, TX 75230 (214) 661-3537 Houston 7639 Westheimer Houston, TX 77063 (713) 783-8761 <b>Washington</b> Seattle 835 Fidelity Seattle, WA 98108 (206) 762-6500
<b>Colorado</b> Denver Havana Place Center 10740 East Iliff Avenue Aurora, CO 80014 (303) 755-7669	<b>Florida</b> Fort Lauderdale 2850 North 28th Terrace Hollywood, FL 33020 (305) 920-5600	<b>Georgia</b> Atlanta 120 Interstate North Parkway East Suite 410 Atlanta, GA 30339 (404) 953-5871