

**SONY**

3-800-588-21 (3)

# ***Remote Commander Clock Radio***

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Operating Instructions

**DREAM MACHINE**

Dream Machine is a trademark of Sony Corporation.

***ICF-C777***

Sony Corporation © 1995 Printed in Malaysia

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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.

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## Features

- Date/Time display
- Dual alarm with a choice of the following functions: Alarm A (remote)—TV or Cable/VCR, and Alarm B (radio or buzzer)—Radio or Buzzer
- Built-in pre-programmed ON/OFF remote control employing an omnidirectional infrared ray system which is compatible with many popular TV or Cable/VCR brands
- Power backup of the clock during a power interruption with a 6F22 (9V) battery (not supplied) installed

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## Precautions

- Operate the unit on the power sources specified in "Specifications".
- To disconnect the power cord, pull it out by the plug, not the cord.
- Do not place the unit on the surfaces (rugs, blankets, etc.) or near materials (curtains, draperies, etc.) that block the ventilation holes.
- Should any solid object or liquid fall into the unit, disconnect the AC power cord and have the unit check by a qualified personnel before operating it any 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.**

## Specifications

**Frequency range:** FM: 87.5 – 108 MHz  
AM: 530 – 1,605 kHz

**Speaker:** Approx. 6.6 cm (2 5/8 inches) dia.

**Power output:** 150 mW  
(at 10% harmonic distortion)

**Power requirements:** 120 V AC, 60 Hz  
For power backup: 9V  
DC, one 6F22 battery

**Battery life:** Approx. 35 hours using the  
Sony-S-006P (U) battery

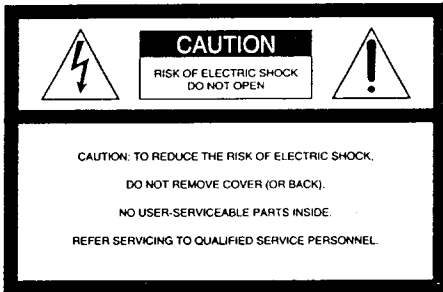
**Dimensions:** Approx. 250 x 75.5 x 113.5 mm  
(w/h/d)  
(9 7/8 x 3 x 4 1/2 inches) not incl.  
projecting parts and controls

**Mass:** Approx. 720 g (1 lb 9 oz) not incl. battery

Design and specifications are subject to change  
without notice.

## 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.

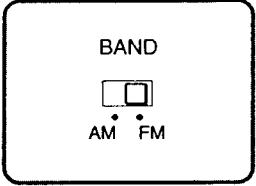
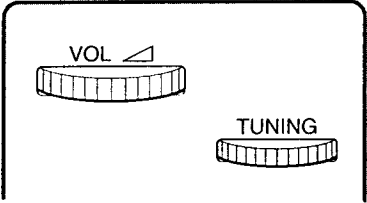
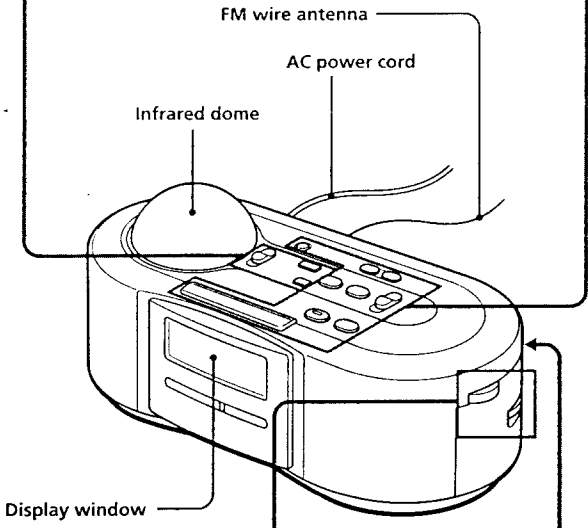
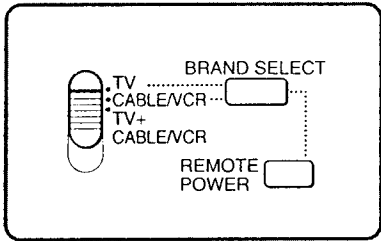
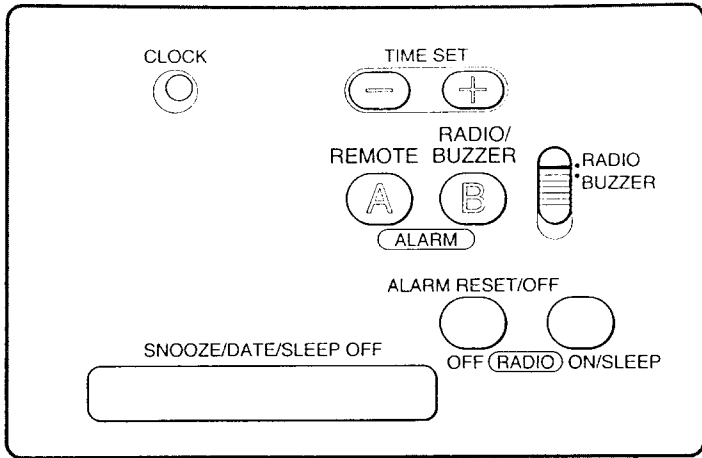
\* The graphical symbols are on the rear enclosure.

## INFORMATION

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

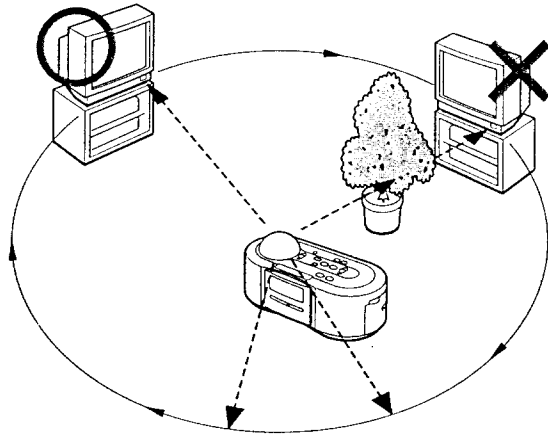
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate 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.

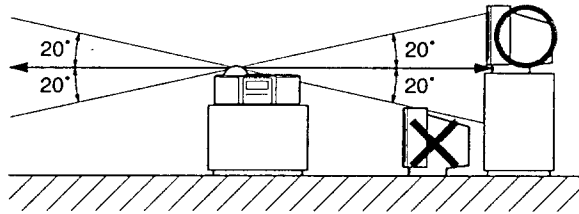


**A**

**Top view**



**Side view**



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## Installing the Battery

To keep an accurate time, your Dream Machine requires one 6F22 (9V) battery (not supplied), in addition to the 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 the correct polarity and then close the lid.

### Note

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

### To check when to replace the battery

To check the remaining 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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## Determining the Optimal Location for the Dream Machine

The Dream Machine employs an omnidirectional infrared ray system which enables the flexible positioning of the Dream Machine anywhere in your room!

Read the following carefully and familiarize yourself with the optimal location of the Dream Machine.

### Effective range of the infrared rays (See ill. A)

The effective range of the infrared rays emitted from the infrared dome of the Dream Machine is approximately 5 m (16 ft.) with a vertical angle of approximately 40°. Make sure to place your TV, cable or VCR unit so that the infrared ray sensors are located within this range.

### Notes on optimal location

- Place the Dream Machine in an area with a direct line of sight from your TV, cable or VCR unit. Remove any object that might obstruct the direct line between the infrared dome of your Dream Machine and the infrared ray sensor.
- Do not place the Dream Machine in an area subject to direct sunlight or under any strong illumination. The omnidirectional infrared ray system may not operate properly.
- Do not use any other infrared ray remote control device simultaneously with the Dream Machine. An interference may occur and the unit may not operate properly.

### If the power of the desired component does not turn off, a long beep sounds instead.

The infrared ray signals are not successfully transmitted to the component from the current location of the Dream Machine. Relocate the Dream Machine to an optimal location where the desired component is within the effective range of the infrared rays and is free from obstructions. After relocating the Dream Machine, repeat step 1 to 4 once again.

### To check the remote control function

**TV unit:** Select TV and press REMOTE POWER.

If a compatible signal for your TV unit is transmitted, your TV unit will turn on.

**Cable or VCR unit:** Select CABLE/VCR and press REMOTE POWER.

If a compatible signal for your cable or VCR unit is transmitted, your cable or VCR unit will turn on.

**TV and cable or VCR units:** Select TV+CABLE/VCR and press REMOTE POWER.

If a compatible signal for your TV and cable or VCR units is transmitted, your TV and cable or VCR units will turn on at the same time.

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## Setting the Clock and the Date

### Setting the Clock

- 1 Plug in the unit.  
"AM 12:00" flashes in the display.
  - 2 While holding down **CLOCK**, press **TIME SET+,-** repeatedly until 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 **TIME SET+,-** repeatedly until the correct date appears in the display. Then, release **SNOOZE/DATE/SLEEP OFF**.
- To display the date, hold down **SNOOZE/DATE/SLEEP OFF**. When you release **SNOOZE/DATE/SLEEP OFF**, the display returns to the current time.

## Setting Up the Remote Control Function

Complete this built-in pre-programmed ON/OFF remote control setup before you proceed to the next section. This will enable the successful remote control of your TV, cable or VCR unit from your Dream Machine.

The built-in pre-programmed remote control setup will guide you in determining the compatible infrared ray signal for your TV, cable or VCR unit.

- 1 Turn on the power of the desired component (your TV, cable or VCR unit) you wish to control remotely.
- 2 Select **TV** or **CABLE/VCR** accordingly.
- 3 Press **REMOTE POWER** on the Dream Machine.

If the power of the desired component turns off, you have successfully completed the built-in pre-programmed ON/OFF remote control setup.  
If not, proceed to the next step.

- 4 While holding down **REMOTE POWER**, press **BRAND SELECT**.

If the power of the desired component turns off, you have successfully completed the built-in pre-programmed ON/OFF remote control setup.  
If not, repeat this step until the power of the desired component turns off.

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## Playing the Radio

- 1 Press **RADIO ON/SLEEP** to turn on the radio and adjust **VOL**.
  - 2 Select **FM** or **AM**, and tune in to the desired station using the **TUNING** dial.
- To turn off the radio, press **RADIO OFF**.
  - To improve radio reception
    - FM**: Extend the FM wire antenna fully.
    - AM**: Rotate the unit horizontally for optimum reception. A ferrite bar antenna is built into the unit.



## Setting the Alarms

The Dream Machine features a dual alarm to enable the setting of Alarm A (remote) and Alarm B (radio or buzzer).

### Setting Alarm A (Remote)

To set your TV, cable or VCR unit, first select the desired channel and adjust the volume. Before you proceed, make sure you have successfully completed "Setting Up the Remote Control Function".

- 1 Select **TV, CABLE/VCR** or **TV + CABLE/VCR**.
- 2 While holding down **ALARM A**, press **TIME SET+,-** until the desired time appears in the display.

When **ALARM A** is released, the **ALARM A** indicator and ":" will stop flashing and light up. The current time will appear in the display. The remote function will activate the desired components at the preset time and turn off automatically after 59 minutes.

#### Notes

- When Alarm A is set, the simultaneous use of any other infrared ray remote control device with the Dream Machine may lead to an interference and the unit may not operate properly.
- When your TV or VCR unit is on at the preset time of Alarm A, your TV or VCR unit may turn off inadvertently depending on the model.

### Setting Alarm B (Radio or Buzzer)

To set the radio, first tune in to the desired station and adjust the volume.

- 1 Select **RADIO** or **BUZZER**.
- 2 While holding down **ALARM B**, press **TIME SET+,-** until the desired time appears in the display.

When **ALARM B** is released, the **ALARM B** indicator and ":" will stop flashing and light up. The current time will appear in the display. The alarm will be activated at the preset time and turn off automatically after 59 minutes.

#### Notes

- To check the preset time, press **ALARM A** or **ALARM B**.
- To turn off the alarm, press **ALARM RESET/OFF**. The alarm will be activated at the preset time on the next day.
- To doze for a few more minutes, press **SNOOZE/DATE/SLEEP OFF**. The alarm will turn off temporarily and will activate again after approximately 6 minutes. You can repeat

## Box, and VCR Brands for Remote Control

The following popular TV, cable box, and VCR brands are compatible with the remote control function of the Dream Machine.

### TV

Sony	Maranz
Admiral (M. Wards)	Mitsubishi/MGA NEC
Akai	Panasonic
AOC	Philco
Bell & Howell (M. Wards)	Philips
Brocsonic	Pioneer
Centurion	Portland
Coronad	Quasar
Craig	Radio Shack
Croslex	RCA/PROSCAN
Curtis Mathis	Samsung
Daewoo	Sanyo
Daytron	Sears
Emerson	Scott
Fisher	Sharp
General Electric	Signature 2000 (M. Wards)
Goldstar	Sylvania
Hitachi	Symphonic
JC Penny	Toshiba
JVC	Videch
KTV	Wards
LXI (Sears)	Zenith
Magnavox	

### Cable Box/VCR

Cable Box	
Gemini	Panasonic
G.I.	Philips
Hamlin/Regal	Pioneer
Jerrold/G.I.	Scientific Atlanta
Macom	Samsung
Magnavox	Tocom
Oak	Zenith

### VCR

Sony	Multitech
Admiral (M. Wards)	NEC
Aiwa	Olympic
Audio Dynamic	Panasonic
Bell & Howell (M. Wards)	Pentax
Brocsonic	Philco
Canon	Philips
Citizen	Pioneer
Craig	Quasar
Curtis Mathis	RCA/PROSCAN
Daewoo	Realistic
DBX	Sansui
Dimensia	Singer
Emerson	Samsung
	Sanyo
	Scott

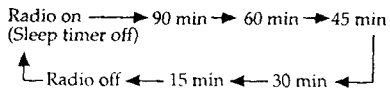
## Setting the Sleep Timer

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

### 1 Press RADIO ON/SLEEP repeatedly.

The radio turns on and will turn off automatically after the preset duration has elapsed.

Each time you press **RADIO ON/SLEEP**, the time changes as follows.



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

LXI (Sears)

Magnavox

Marantz

Marta

Memorex

Minolta

Mitsubishi/MGA

Technica

Technics

Toshiba

Wards

Yamaha

Zenith

- This Remote Commander may not operate certain models of TVs, VCRs and Cable Boxes of the manufacturers listed above.
- If this Remote Commander does not operate your TV, VCR or Cable Box after you have attempted to set up the manufacturer's code, please call 1-800-822-2217.

## Operating Instructions Addendum

### Selecting TV, CABLE/VCR or TV+CABLE/VCR for Alarm A

This addendum provides additional tips and explanations on setting up the remote control function of the ICF-C777 which are not covered in the Operating Instructions.

Take a few minutes to familiarize yourself with the following guidelines and select the appropriate position (TV, CABLE/VCR or TV+CABLE/VCR).

Position	At the preset time, the infrared ray signal output is:	Set to this position:
TV	For the power of the TV	<ul style="list-style-type: none"> <li>When using a TV only.</li> <li>When using a TV connected to a CABLE BOX or VCR where the power of the CABLE BOX or VCR is turned on at all times.</li> </ul>
CABLE/ VCR	For the power of the CABLE BOX or VCR	<ul style="list-style-type: none"> <li>When using a TV connected to a CABLE BOX or VCR where turning on the CABLE BOX or VCR will automatically turn on the TV.</li> </ul>
TV+ CABLE/ VCR	For the power of the TV initially, followed by the signal for the power of the CABLE BOX or VCR.	<ul style="list-style-type: none"> <li>When using a TV connected to a CABLE BOX or VCR where the power of the TV and the CABLE BOX or VCR is turned on separately.</li> </ul>

#### Notes

- The ICF-C777 does not output infrared ray signals for the power of the CABLE BOX and VCR simultaneously. When both CABLE BOX and VCR are connected to a TV, select either CABLE BOX or VCR depending on the displayed video input of the TV at the time the power is turned on.
- The unit may not operate properly when the AC plug of the TV is connected to the AC inlet of the CABLE BOX or VCR. In this case, connect the AC plug of the to a non-linking AC outlet.

## 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 replace at no charge through your SONY authorized dealer, Sony owned Service Center, or the Sony Parts Center 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 Parts Center - Exchange Department is:

SONY PARTS CENTER - EXCHANGE DEPARTMENT  
8281 NW 107th Terrace  
Kansas City, Missouri 64153

For your convenience, SONY ELECTRONICS INC. has established telephone numbers for frequently asked questions:

To locate the servicer or dealer nearest you, call:

1-(800)-342-5721

For service assistance or resolution of a service problem, call:

SONY CUSTOMER RELATIONS CENTER  
1-(800)-282-2848

For Product information or operation, call:

SONY CUSTOMER INFORMATION CENTER  
(201)-368-9272

or write to:

Sony Customer Information Center  
One Sony Drive  
Park Ridge, New Jersey 07656-8003

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

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