

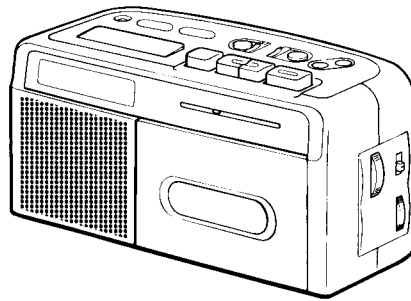
SONY

3-756-529-21 (1)

FM/AM Cassette Player Clock Radio

ICF-C610

Operating Instructions



DREAM MACHINE

Sony Corporation © 1993 Printed in Malaysia

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.

Features

- Wake up to your favorite music tape
 - Dual alarm
 - Date display
 - Forward/reverse time setting
-

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 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.

SONY®**LIMITED WARRANTY**

SONY CORPORATION OF AMERICA ("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 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 Corporation of America 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 CORPORATION OF AMERICA

Sony Drive, Park Ridge, New Jersey 07656

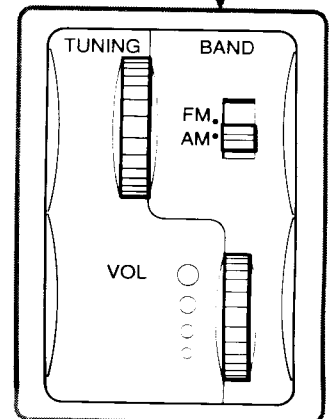
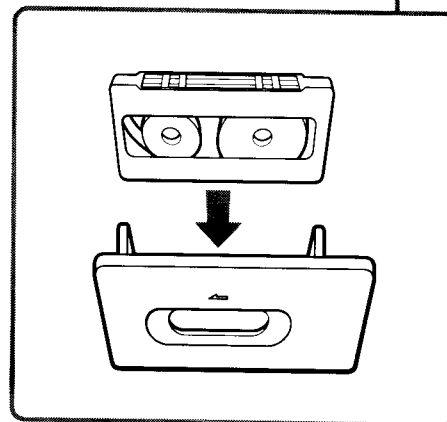
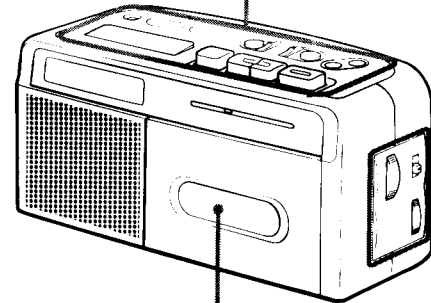
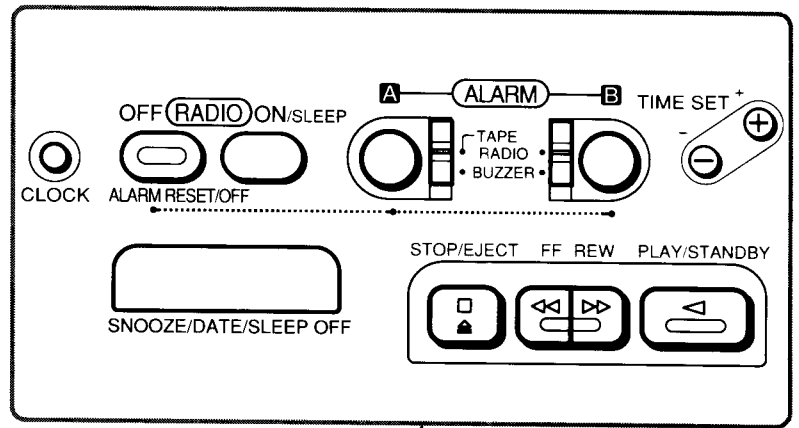
To obtain warranty service, please take the product, or deliver the product prepaid, to one of the following Sony Service Centers located around the United States.

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

Arizona	Hawaii	Missouri
Phoenix	Honolulu	St. Louis
2240 North Scottsdale Road	950 Mapunapuna Street	12462-D Natural Bridge Road
Tempe, AZ 85281	Honolulu, HI 96819	Bridgeton, MO 63044
(602) 949-7669	(808) 834-6622	(314) 291-2201
California	Illinois	New Jersey
Burbank (Los Angeles area)	Chicago	Mahwah (N.Y. Metropolitan Area)
4100 Riverside Drive, Suite A	1730 West Fullerton, Suite 4	356 Route 17 South
Burbank, CA 91505	Riverpoint Shopping Center	Mahwah, NJ 07430
(818) 842-7669	Chicago, IL 60614	(201) 529-1655
Costa Mesa (Orange County area)	(312) 929-8585	Union
2729 Bristol Street South	Niles (Chicago N.W.)	Bradlees Shopping Center
Costa Mesa, CA 92626	7540 North Caldwell Avenue	US Highway 22 At Morris Avenue
(714) 549-4833	Niles, IL 60648	Union, NJ 07083
San Bruno (San Francisco area)	(708) 647-2400	(201) 687-5555
751 Camino Plaza	Westmont (Chicago S.W.)	Ohio
San Bruno, CA 94066	6036-38 South Cass Avenue	Cleveland
(415) 871-2810	Westmont, IL 60559	6370 York Road
San Diego	(708) 969-0049	Parna Heights, OH 44130
8975 Complex Drive	Kansas	(216) 845-7669
San Diego, CA 92123	Kansas City	Pennsylvania
(619) 279-2724	11712 West 95th Street	Philadelphia
San Jose	Overland Park	651 Park Avenue
1359 Old Oakland Road	KS 66214	King of Prussia, PA 19406
San Jose, CA 95112	(913) 888-2622	(215) 768-8850
(408) 280-7669	Maryland (Washington D.C.)	Pittsburgh
Colorado	Washington D.C.	Wexford Plaza
Denver	5300 Sunnyside Avenue	10510 Perry Highway, Rt. 19N
Havana Place Center	Beltsville, MD 20705	Wexford, PA 15090
16740 East Iliff Avenue	(301) 595-1818	(412) 935-8466
Aurora, CO 80014	Massachusetts	Texas
(303) 755-7669	Boston	Dallas
Florida	390 University Avenue	401 Preston Valley Shopping Center
Fort Lauderdale	128 Westwood Industrial Center	Dallas, TX 75230
2850 North 28th Terrace	Westwood, MA 02090	(214) 661-3337
Hollywood, FL 33020	(617) 329-5130	Houston
(305) 920-5600	Michigan	7639 Westheimer
Georgia	Detroit	Houston, TX 77063
Atlanta	43304 Eleven Mile Road	(713) 783-8761
120 Interstate North Parkway East	Novi, MI 48050	Washington
Suite 410	(313) 344-4044	Seattle
Atlanta, GA 30339	Minnesota	835 Fidalgo
(404) 953-5871	Minneapolis	Seattle, WA 98108
	4300 W 36th Street	(206) 762-6500
	St. Louis Park, MN 55416	
	(612) 920-8000	



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.

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 **CLOCK** and the + or – button together to advance or return to a time that is within a few minutes of the current time. Then press the + or – button to set the time to the current time.






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**.

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 to a station using the **TUNING** dial.
- To turn off the radio, press **RADIO OFF/ALARM RESET/OFF**.
 - To improve radio reception
FM: Extend the FM wire antenna to improve FM reception.
AM: Rotate the unit horizontally for optimum reception. A ferrite bar antenna is built into the unit.

Playing Back a Tape

1. Press **RADIO OFF/ALARM RESET/OFF** to turn off the radio.
 2. Press **STOP/EJECT** () to open the cassette holder and insert a recorded tape.
 3. Depress **PLAY/STANDBY** ().
 4. Adjust **VOL** (volume).
- To stop playback, press **STOP/EJECT** ().
 - To rewind the tape, press **REW** ().
 - To advance the tape rapidly, press **FF** ().

Notes

- In fast-forward or rewind mode, the motor stops at the tape end. The locked button will automatically release.
- While playing back a tape, do not set the tape alarm. If you set the tape alarm during playback the tape being played back enters the pause mode.

Setting the Alarm

You can set the tape, radio or buzzer alarm to **ALARM A**, and radio or buzzer alarm to **ALARM B**.

- To set the tape alarm, first play back the desired tape as described in "Playing Back a Tape", adjust the volume and rewind the tape.
- To set the radio alarm, first tune in a station and adjust the volume.

1. Set the alarm time for tape, radio or buzzer.

While holding down **ALARM A** or **B**, 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.

2. Set the appropriate **ALARM** selector to the desired alarm position.
For tape alarm, leave **PLAY/STANDBY** (◀) pressed.

The tape, radio or buzzer will automatically sound at the preset time, and automatically turn itself off after 59 minutes, unless it is turned off manually.

- To turn off the alarm manually, press **RADIO OFF/ALARM RESET/OFF**. The alarm will come on at the preset time on the next day.
- To stop the tape, press **STOP/EJECT** (■).
- To cancel the alarm before the alarm time, while holding down **ALARM A** or **B**, press **RADIO OFF/ALARM RESET/OFF**.
- To check the preset time, press **ALARM A** or **B**.

Notes

- The buzzer sound level is fixed, and independent of the **VOL** (volume) control.
- You can set **ALARM A** and **ALARM B** at the same time. At the preset time, either the tape, radio or buzzer will sound depending on the set function to **ALARM A**, and either the radio or buzzer will sound depending on the set function to **ALARM B**.
- If you set **ALARM A** and **ALARM B** to the same desired time, only **ALARM A** will work.
- Even if you are listening to the radio, you can set the tape, radio or buzzer alarm.
- While you are listening to the tape, you can set only the buzzer alarm.

To Doze for a Few More Minutes

1. Press **SNOOZE/DATE/SLEEP OFF**.

The radio, tape or buzzer will shut off but will automatically come on again after about 6 minutes. You can repeat this process as many times as you like.

- You can reset the alarm time while activating the snooze function.

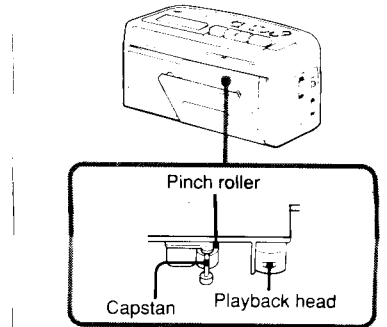
Maintenance

Cleaning the Playback Head and Tape Path

We recommend cleaning after every 10 hours of operation.

Wipe the head, pinch roller and capstan with a cleaning tip slightly moistened with cleaning fluid or alcohol.

After cleaning the head, pinch roller and tape path, insert a cassette when the areas cleaned are completely dry.



Cleaning the Cabinet

Clean the cabinet, panel and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene.

Specifications

Radio section

Frequency range:

FM: 87.6 – 108 MHz, AM: 530 – 1,610 kHz

Tape player section and general

Track system: 2-track, 1-channel, monaural

Frequency response: 50 Hz – 10,000 Hz with normal (TYPE I) tapes

Speaker: Approx. 7.7 cm (3 inches) dia.

Power output:

Radio section: 360 mW (at 10 % harmonic distortion)

Player section: 300 mW (at 10 % harmonic distortion)

Power requirements: 120 V AC, 60 Hz

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

Battery life: Approx. 32 hours, using Sony battery S-006P(U)

Dimensions: Approx. 254 × 128 × 101 mm (w/h/d) (10 × 5 × 4 inches) incl. projecting parts and controls

Mass: Approx. 1.3 kg (2 lb 14 oz) not incl. battery

Design and specifications subject to change without notice.

To Use Both Sleep Timer and Alarm

Function

You can fall asleep to the radio sound and you will be awakened by the tape/radio/buzzer alarm at the preset time.

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

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.

Current time → On → 90 → 60
 ↑ 15 ← 30 ← 45 ↓

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**.
- To fall asleep to the tape sound, turn the radio off and play back a recorded tape. When it reaches its end, **PLAY/STANDBY** will release automatically. The tape playback time depends on the length of the tape.

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 the nearest Sony dealer.

The clock does not show the correct time.

There has been an electrical power interruption.

The tape, radio or buzzer alarm sound does not come on at the preset time.

Check the followings:

• Is the current time correctly set?

Check the **AM/PM** indication.

• Is the alarm time correctly set?

Check the **AM/PM** indication.

• Is the **ALARM A** or **B** selector set correctly?

For tape alarm: set the **ALARM A** selector to **TAPE/RADIO**.

For radio alarm: set the **ALARM A** or **B** selector to **RADIO**.

For buzzer alarm: set the **ALARM A** or **B** selector to **BUZZER**.

• For radio alarm, is the desired station tuned in?

• For tape alarm, is a recorded tape inserted? Isn't the tape at its end?

• Is the **VOL (volume)** dial adjusted correctly? If it is turned down completely, the alarm sound will not be heard. Be sure to turn up the volume.

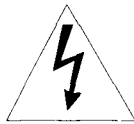
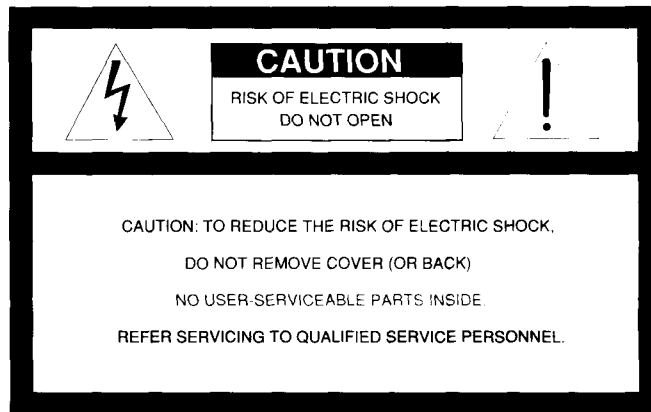
The inserted cassette tape cannot be played back.

Is the tape alarm set to **ALARM A**?

The tape cannot be played back when the tape alarm is set.

WARNING

To prevent fire or shock hazard, do not expose the i
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.