

SONY®

FM/AM DIGITAL CLOCK RADIO

ICF-C10W

OPERATING INSTRUCTIONS

Before operating this high quality electronic unit, please read this operating manual thoroughly so that you can obtain the maximum of enjoyment from it.

This manual should be retained for future reference and used to answer your operational questions as they arise.

OWNER'S RECORD

The model and serial numbers are located at the rear. 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-C10W

Serial No. _____

WARNING

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

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

FEATURES

- High quality FM/AM radio combined with an electronic digital alarm clock and sleep timer.
- Easy-to-read blue fluorescent display of time and AM/PM indication.
- Functions of each section are grouped on an appropriate panel.
- Choice of awakening to radio or buzzer alarm.
- 24-hour alarm preset system automatically turns alarm on at same time each day.
- Dream bar, feather light to operate, and having three functions; snooze alarm, sleep timer off, and instant alarm time readout.
- Power backup function to keep the clock operating during a power failure, using an optional 9V battery.

PRECAUTIONS

- Operate the set only on 120 V ac, 60 Hz.
- The nameplate indicating operating voltage, power consumption, etc. is located at the rear exterior.
- To disconnect the cord, pull it out by grasping the plug. Never pull it by the cord.
- Do not leave the set in a location near heat sources such as radiators or airducts, 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 set on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.
- Should any liquid or solid object fall into the set, unplug the set and have it checked by qualified personnel before operating it any further.
- When the casing becomes soiled, clean it with a soft cloth dampened with a mild detergent solution. Never use abrasive cleansers or chemical solvents, as they may mar the casing.

If you have any question or problem concerning your set that is not covered in this manual, please consult your nearest Sony dealer.

POWER BACKUP FUNCTION DURING POWER FAILURE

Be sure to install the optional 9V battery size 6F22 for the power backup function.

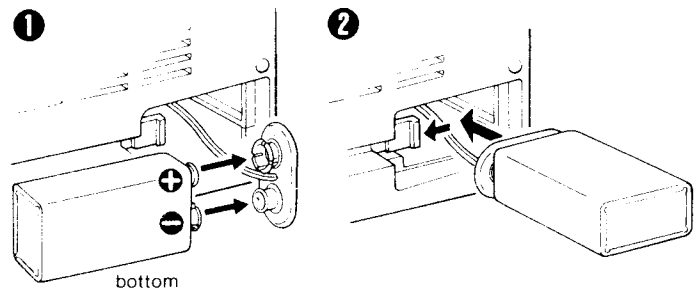
If the ac power supply is interrupted, the battery supplies power to keep operating the clock and holding the alarm time setting.

During a power interruption, the digit display remains though the illumination of the indicator goes off, and the alarm sound does not come on. Push the DREAM BAR to stop flickering on the time display.

A difference of about three minutes per hour (approximately 5% of the duration of the power interruption) may result between the correct time and the time shown on the clock which appears after the power interruption. Adjust the time indication to the correct time, if necessary.

Battery installation

Insert one 9V battery size 6F22 with correct polarity as illustrated.



Battery life: In general use (with approximately 5-6 hours of power failure in one year), replace the battery approximately every two years. If the power has failed for more than 40 continuous hours, replace the battery immediately after the power failure.

To check battery condition: Unplug the ac power cord from the wall outlet and plug it in again after a few minutes. If "1:00" blinks, the battery is weak or exhausted.

Caution

When the set is unplugged from the wall outlet for a long time, be sure to remove the battery to avoid undue battery discharge and set damage from battery leakage. (If installed, the battery will be used for the power backup function while the set is left unplugged and will be exhausted in approximately 40 hours.)

HOW TO SET THE CLOCK

The numbers in the illustration refer to the sequence of operations.

1 Connect to a wall outlet. Figures will appear and begin to flicker on the time display.

2 While pressing in the PUSH button, set the function selector to TIME SET. Figures stop flickering.

3 Adjust the clock to the current time by pressing the H and M buttons. Each time the H or M button is pressed, the hour or minute digit advances by one. If the M button is pressed when the minute digits are "59", the minute indication returns to "00", but the hour digits do not advance. The hour and minutes can thus be adjusted independently.

Make sure that the AM/PM indication is correct.
AM 12:00 = midnight, PM 12:00 = noon

DREAM BAR

Note: Make sure not to press the DREAM BAR while adjusting the time indication. Otherwise the time display will show the alarm time with an "Alarm" marking.

- After setting the time, be sure to set the function selector to BUZZER, RADIO, ON or OFF. If the selector is set to TIME SET or ALARM SET, accidental pushing of the time set buttons will change the current or alarm time display.

WARNING

When the power backup battery is not inserted.

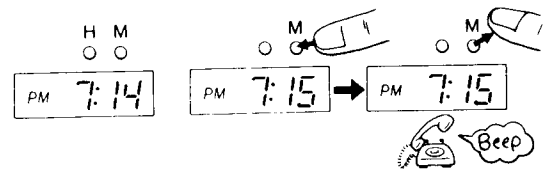
If the ac power supply is interrupted, even though the interruption might have been very short, the time display will blink (when the function selector is set to a position other than ALARM SET). This shows the time and alarm setting are completely cancelled. In this case, be sure to reset the time and the alarm setting.

Zero second adjustment

If you want to adjust the time exactly to the second with a radio or telephone time signal, proceed as in the following example.

Example: Several minutes in anticipation of a 7:15 p.m. time signal:

- 1 Adjust the time indication to PM 7:14 as described before. Leave the function selector set to TIME SET during the steps 2 and 3.
- 2 Press the M button once and keep it pressed. The time display changes to PM 7:15, and the clock remains at 7 o'clock 15 minutes and 00 seconds while the button is kept pressed.
- 3 Release the M button simultaneously with the radio or telephone time signal. When you release the M button, the clock will then begin to operate, showing the precise time of day.



RADIO OPERATION

The numbers in the illustration refer to the sequence of operations.

1 Set to ON.

2 Turn a little clockwise to get sound.

6 Adjust the volume to your preference.

3 Choose the desired band, FM or AM.

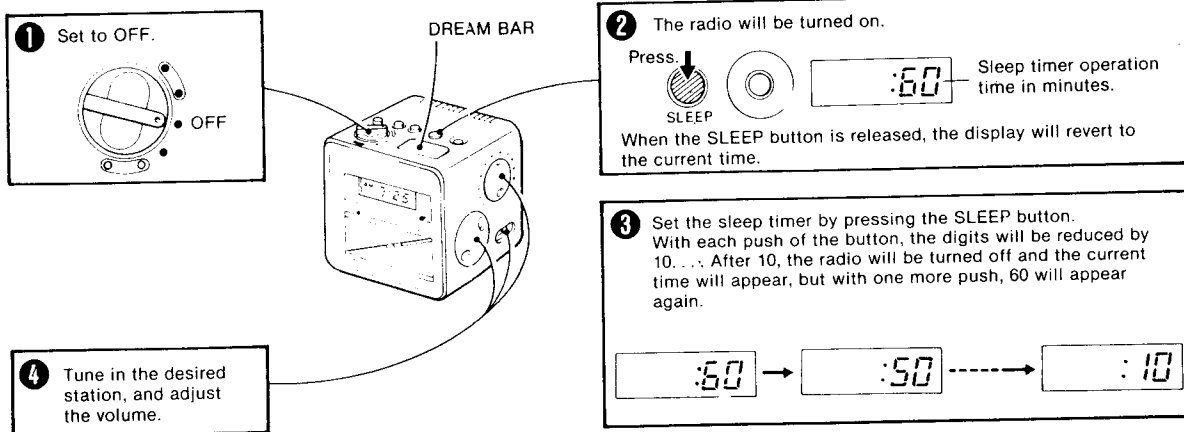
4 Turn to tune in the desired station.

5 Adjust the antenna as required.
FM: Extend the FM wire antenna and vary its direction and position for best reception. If possible, secure the antenna in this position with some suitable fastening.
/M: The built-in ferrite bar antenna is used when the BAND switch is set to AM. Since the antenna is directional, turn the set until you get optimum reception.

- To turn off the radio, set the function selector to OFF.

HOW TO USE THE SLEEP TIMER

The numbers in the illustration refer to the sequence of operations.

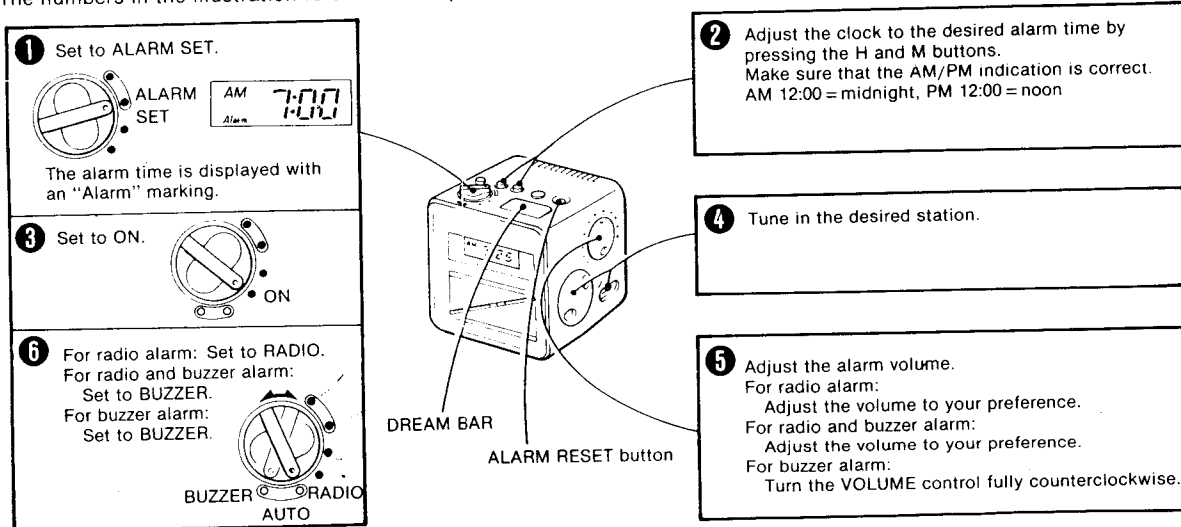


The radio will be turned off automatically after the preset time has elapsed.
To turn off the radio before the preset time, press the DREAM BAR lightly (this cancels the "sleep" function).

Note: Make sure not to set the function selector to ALARM SET during sleep timer operation. Otherwise the sleep timer will be cancelled.

HOW TO SET THE ALARM (RADIO OR BUZZER)

The numbers in the illustration refer to the sequence of operations.



The radio and/or buzzer sound will come on automatically at the preset time, and will shut itself off automatically after about 64 minutes, unless it is shut off manually.

To turn off the alarm sound manually, press the ALARM RESET button. At the same time of the next day, the alarm sound will come on again.

SNOOZE ALARM FUNCTION

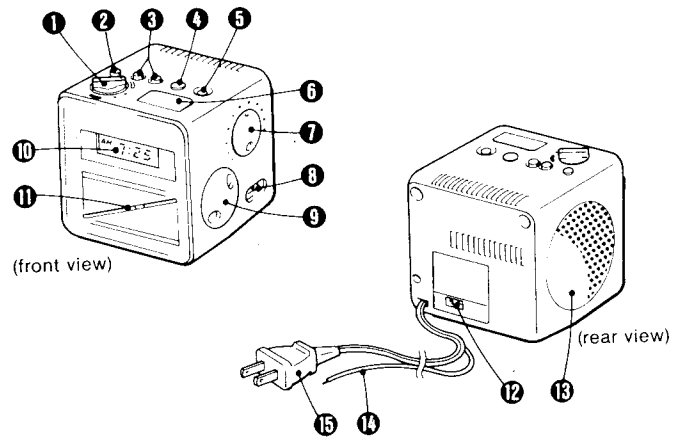
If you awake to the radio and/or buzzer in the morning but want to doze for a few more minutes, just lightly press the DREAM BAR. The radio and/or buzzer will be silenced, but will automatically come on again after about eight minutes. If you want to doze more, press the bar again. You can repeat this snooze function as many times as you like.

USE OF SLEEP TIMER AFTER SETTING ALARM

With your Sony Dream Machine, you can fall asleep to music, knowing the radio will turn itself off at the preset time and you will be awakened by the alarm sound at your preset alarm time. For details of each operation and notes, refer to the specified sections described before.

- 1 Set the function selector to ALARM SET, and adjust the time display to your wake-up time with the H and M buttons.
- 2 Set the function selector to BUZZER or RADIO, as required.
- 3 Set the sleep timer by pressing the SLEEP button.
- 4 Tune in the desired station and adjust the volume.

LOCATION AND FUNCTION OF CONTROLS



❶ Function selector

Select a position as required.

TIME SET: for setting the current time.

ALARM SET: for setting the alarm time.

OFF: for turning off the radio manually or automatically.

ON: for turning on the radio manually.

RADIO: for radio alarm.

BUZZER: for buzzer alarm, or for radio and buzzer alarm.

❷ **PUSH button:** This button must be depressed in order to put the function selector in the TIME SET position. To set the time, hold this button down while turning the function selector to TIME SET.

TROUBLESHOOTING GUIDE

Should any problem occur with the set, make the following simple checks to determine whether or not servicing is required. If the problem persists after you have made these checks, consult the nearest Sony dealer for further information.

The clock does not show the correct time.

- There has been an electrical power interruption.

The radio and/or buzzer alarm sound does not come on at the preset time.

- The VOLUME control is turned down completely when the function selector is set to RADIO.

CHECKS FOR ALARM TO TURN ON AT THE PRESET TIME

To turn on the radio and/or buzzer alarm at the preset time, check the following points:

- Is the current time correctly set on the time display? Check the AM/PM indication.
- Is the alarm time correctly set? Check the AM/PM indication.
- Is the function selector set correctly to BUZZER or RADIO?
- Is the desired station tuned in?
- Is the VOLUME control adjusted correctly? If it is turned down completely for radio alarm, the alarm sound will not be heard. Be sure to turn up the volume when using radio alarm.

SPECIFICATIONS

Frequency range	FM 87.5–108 MHz AM 530–1,605 kHz
Antennas	FM: Wire antenna AM: Built-in ferrite bar antenna
Speaker	Approx. 6.6 cm (2½ inches) dia.
Power output	250 mW (at 10% harmonic distortion)
Power requirements	120 V ac, 60 Hz For the power backup function: 9 V dc, one battery, IEC designation 6F22
Power consumption	5 W ac (2.5 W ac when only the clock is in operation)
Dimensions	Approx. 121×118×116 mm (w/h/d) (4⅞×4¾×4⅝ inches) incl. projecting parts and controls
Weight	Approx. 800 g (1 lb 13 oz) incl. battery

Design and specifications subject to change without notice.