

Features

- High quality FM/AM 2 band radio combined with an electric digital alarm clock and timer.
- Choice of awakening to radio or buzzer alarm.
- Easy-to-read green LED display.
- Power backup function to keep the clock operating during a power interruption, using an optional 6F22 battery.
- DREAM BAR SNOOZE/SLEEP OFF: feather-light touch to operate, and having functions: snooze alarm, sleep timer off, and instant readout of the alarm.

Precautions

- Operate the unit only on 120 V AC, 60 Hz.
- To disconnect the cord, pull it out by grasping the plug. Never pull it by the cord.
- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust, or mechanical shock.
- Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.
- Should any solid object or liquid fall into the unit, unplug the unit 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 unit that is not covered in this manual, please consult the nearest Sony dealer.

Specifications

Frequency range	FM: 87.6–108 MHz AM: 530–1,710 kHz
Antenna	FM: FM wire antenna AM: Built-in ferrite bar antenna
Speaker	Approx. 6.6 cm (2 ⁵ / ₈ inches) dia.
Power output	200 mW (at 10% harmonic distortion)
Power requirement	120 V AC, 60 Hz For the power backup function: 9 V DC, one 6F22 battery
Battery life	Approx. 10 hours, using Sony battery S-006P (U)
Dimensions	Approx. 114 × 115 × 116 mm (w/h/d) (4 ¹ / ₂ × 4 ⁵ / ₈ × 4 ⁵ / ₈ inches) incl. projecting parts and controls
Weight	Approx. 680 g (1 lb 5 oz) not incl. battery

Design and specifications subject to change without notice.

SONY

3-750-073-22 (1)

FM/AM Digital Clock Radio

ICF-C120



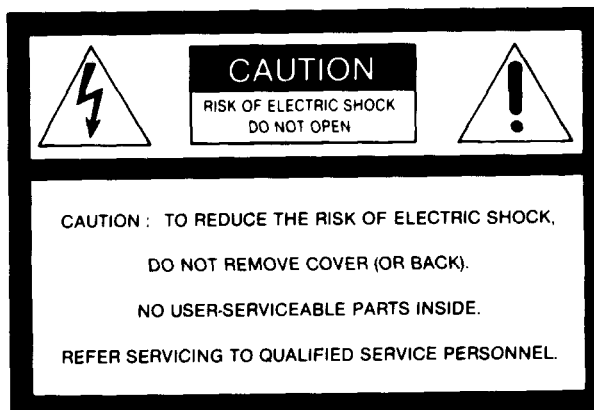
Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

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WARNING

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

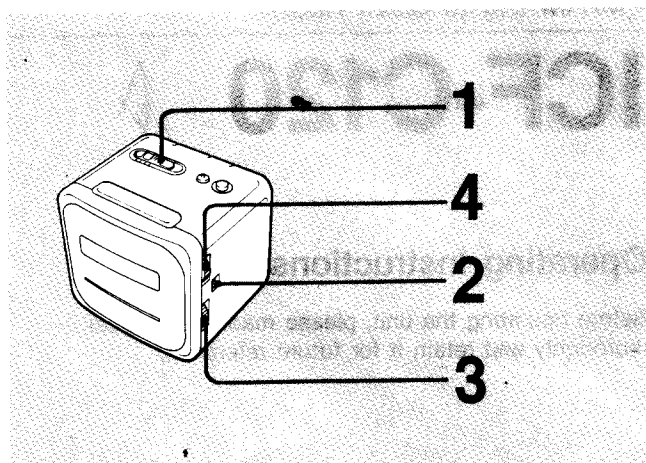


This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the ...

Radio Operation



- 1 Set the function selector switch to RADIO ON.
- 2 Select the desired band.
- 3 Tune in the desired station.
- 4 Adjust the volume.

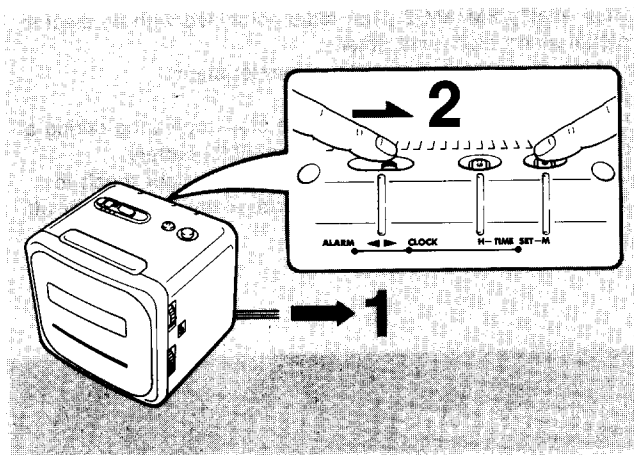
To turn off the radio, set the function selector switch to OFF.

For Improved Reception

FM: Extend the FM wire antenna fully to increase the FM sensitivity.

AM: Since the reception is affected by the direction of the radio, rotate the unit horizontally for optimum reception.

How to Set the Clock

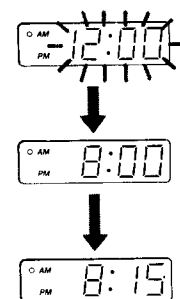


- 1 Connect the AC power cord to a wall outlet.
Figures will appear and begin to flicker.

Example: To set to 8:15 AM

- 2 Adjust the clock to the current time with the TIME SET buttons, H (hour) and M (minute), while holding the ALARM/CLOCK set switch to the CLOCK side.

AM12:00 = midnight
PM12:00 = noon



Note: The minutes digits advance to "00" after "59". The hour digits advance none.

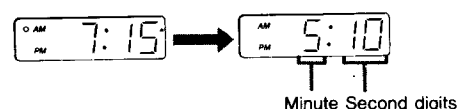
Zero Second Adjustment

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

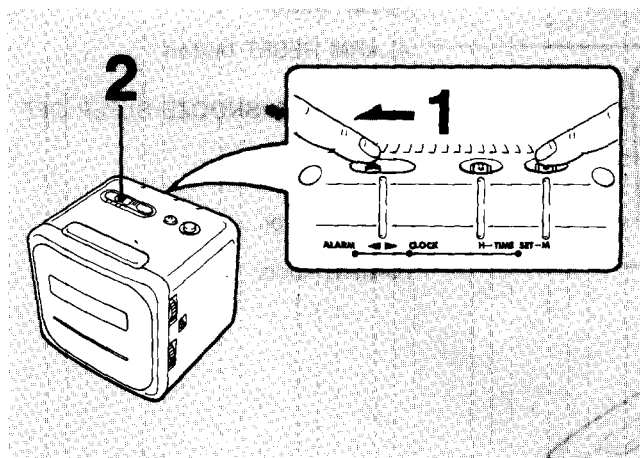
Example: To set to 7:15 AM

- 1 Adjust the time indication to 7:14 as described before.
- 2 While holding the ALARM/CLOCK set switch to ALARM, press the SLEEP button. (The time display indicates the minute one's digit and the seconds.) Then, continuing to hold the ALARM/CLOCK switch to ALARM, press the H button simultaneously with a radio or telephone time signal. The clock will begin to operate, showing the precise time of day.
If the time display still indicates 7:14 when the ALARM/CLOCK set switch is released, advance the minute-digit to 15 by pressing the M button once while holding the ALARM/CLOCK switch to CLOCK.

Example: When the current time is 7:15:10 a.m. the display will become:



How to Set the Alarm

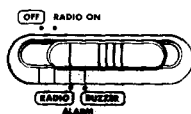


1 Set the alarm time with H and M, holding the ALARM/CLOCK set switch to the ALARM side.

2 Set the function selector switch to ALARM RADIO or BUZZER.

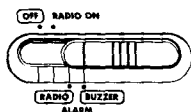
For radio alarm

Tune in the desired station and adjust the volume as described in "Radio operation".



For buzzer alarm

Turn down the volume, otherwise the radio will be mixed up.



The desired alarm sound will come on at the preset time.

When the Alarm Sound Comes on

To stop the radio or buzzer sound, set the function selector switch to OFF or press the ALARM RESET button.

Snooze alarm function

If you wake to the alarm sound in the morning but want to doze for a few more minutes, just lightly press the DREAM BAR SNOOZE/SLEEP OFF.

The alarm sound will be silenced, but will automatically come on again after about nine minutes. If you want to doze more, press the bar again. You can repeat this snooze function as many times as you like. If you do not want the alarm sound any more after pressing the bar, press the ALARM RESET button.

To wake to the alarm sound at the same time the next day

Stop the radio or buzzer sound by pressing the ALARM RESET button. Leave the function selector switch to ALARM RADIO or BUZZER.

If you want to listen to the radio continuously
Set the function selector switch to RADIO ON.

The volume of the alarm sound

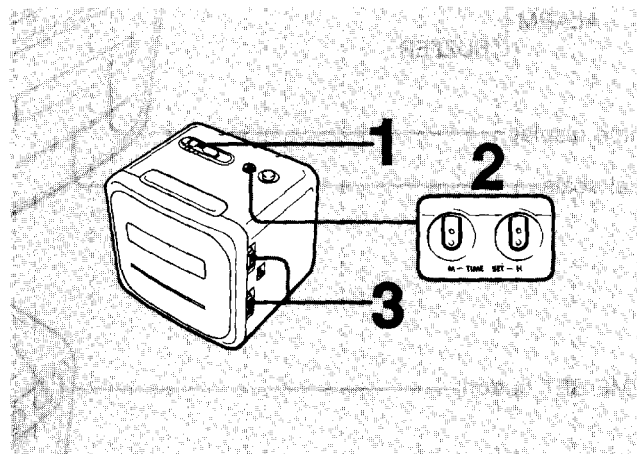
- The radio volume can be adjusted.
- The buzzer volume is fixed.

To check the preset time

Hold the ALARM/CLOCK set switch to the ALARM side.

How to Set the Sleep Timer

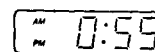
By using the sleep timer, you can fall asleep while listening to the radio. You can set the sleep time so that the radio turns off up to 1 hour and 59 minutes later.



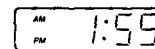
1 Set the function selector switch to RADIO OFF.

2 Press SLEEP.

The radio turns on. The radio will turn off after 59 minutes.

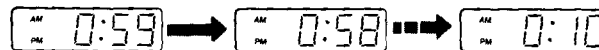


To listen to the radio for 1 hour and 59 minutes, press the H button while holding down the SLEEP button.

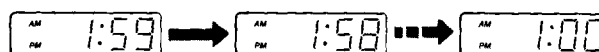


To set the desired time

The digits will be reduced by 1 with each push of the M button while holding down SLEEP. So, you can set the desired time within the range from 1 hour and 59 minutes to 1 minute.



OR



3 Tune in the desired station and adjust the volume.

The radio will turn off automatically after the preset time has elapsed.

To turn off the radio before the preset time

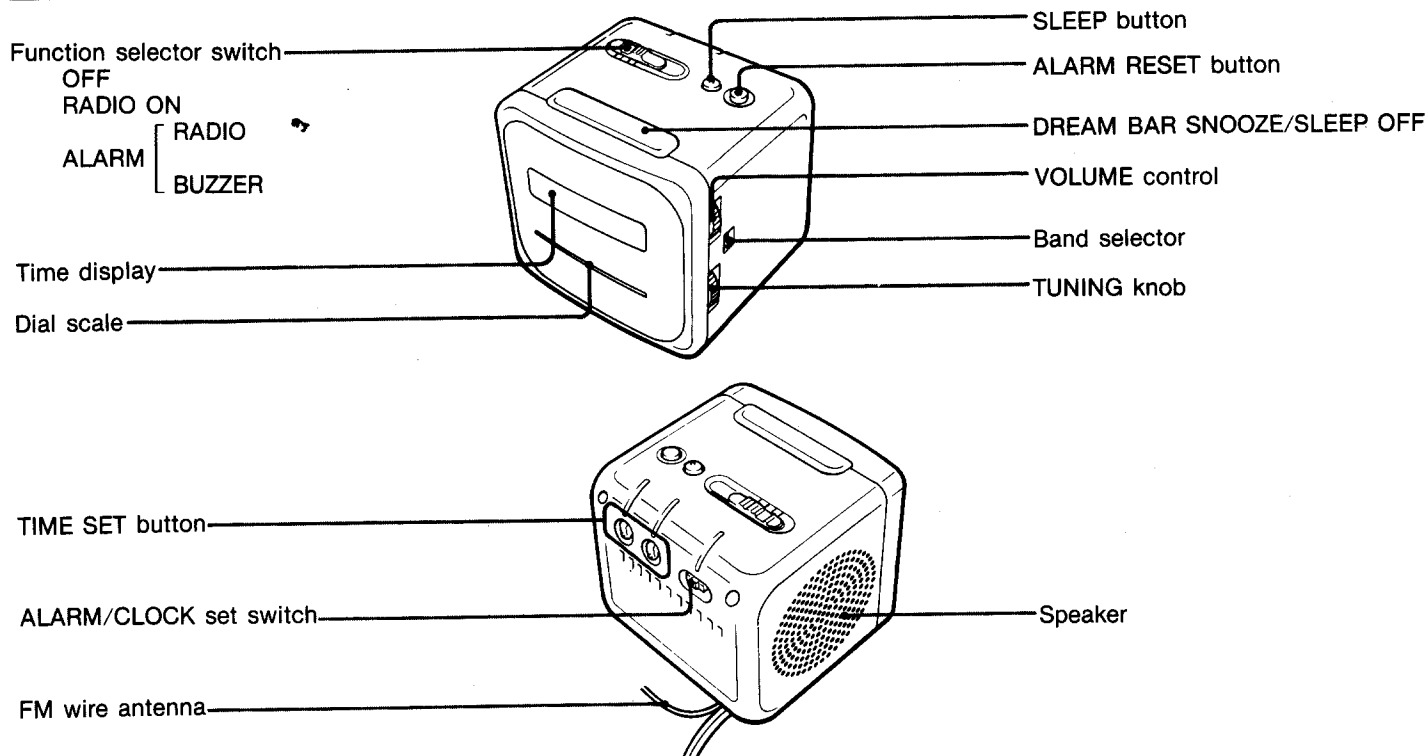
Press the DREAM BAR SNOOZE/SLEEP OFF.

If the preset alarm time comes while the sleep timer is operating

The alarm will not sound.

Note: When you fall asleep listening to the radio and wake to the buzzer next morning, the radio sound will be mixed up to the buzzer.

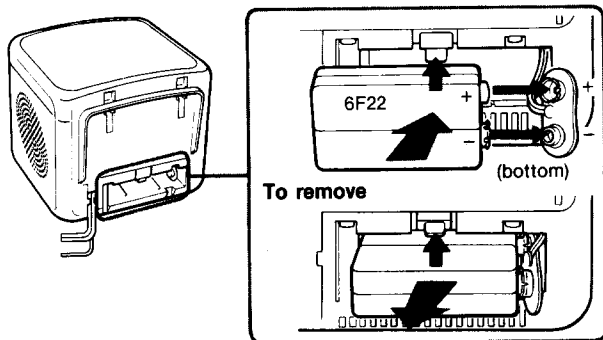
Location and Function of Controls



Power Backup during Power Interruption

Be sure to install an optional 6F22 battery for the power backup function. If the AC power supply is interrupted, the battery supplies power to keep the clock operating and holding the alarm time setting.

- During power interruption, the clock function is maintained although illumination of the indicator goes off, but the alarm sound does not come on.
- After a power interruption, the time shown in the display window may not be always correct (it may gain or lose about six minutes per hour).
- This battery is only for clock operation and alarm memory during power interruption. You cannot listen to the radio with the battery.



When to replace the battery

To check the battery condition, unplug the AC power cord from the wall outlet and plug it in again after a few seconds. If the time on the display is different from what it was before you unplugged the AC power cord, replace the battery with a new one.

Concerning the battery life, see "Specifications".

Caution

- Be sure to install the battery before disconnecting the AC power cord.
- When the unit is unplugged from the wall outlet for a long

Troubleshooting Guide

Should any problem occur with the unit, make the following simple checks 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 current time.

The alarm does not turn on at the preset time.

- There has been an electrical power interruption. (Is the figure of the time display flickering?)
- Is the current time correctly set on the time display?
- Is the alarm time correctly set?
- Is the AM/PM indication correctly set?
- Is the function selector switch correctly set to ALARM RADIO or BUZZER?
- Is the desired station tuned in?
- Is the VOLUME control adjusted for the radio alarm?