

FM/AM Receiver

ICF-3100

ICF-3100L

Operating Instructions

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

Mode d'emploi

Avant d'utiliser l'appareil, prière de lire attentivement ce mode d'emploi et de le conserver à titre de référence ultérieure.

Bedienungsanleitung

Lesen Sie vor der Inbetriebnahme diese Anleitung sorgfältig durch und bewahren Sie sie zum späteren Nachschlagen gut auf.

Manual de instrucciones

Antes de emplear la unidad, lea cuidadosamente este manual y consérvelo para futuras referencias.

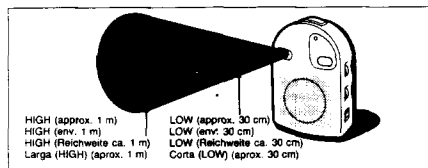
Owner's Record

The model and serial numbers are located inside the battery compartment. Record these numbers in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. ICF-3100

Serial No. _____

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- The supersonic wave sensor detects when a person or an object comes near by, and turns on the radio automatically.
- TUNE indicator enables precise tuning.
- The timer turns off the radio automatically after the radio has been turned on by the supersonic wave sensor.
- Easy installation on the wall using the ring on the rear.

Precautions

- Operate the unit only on 4.5 V DC with three R14 (size C) batteries.
- When the unit will not be used for a long time, remove the batteries to avoid damage caused by battery leakage and corrosion.
- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust, or mechanical shock.
- Should any solid object or liquid fall into the unit, remove the batteries and have the unit checked by qualified personnel before operating it any further.
- Since a strong magnet is used for the speaker, keep personal credit cards using magnetic coding or spring-wound watches away from the magnet.
- When the casing becomes soiled, clean it with a soft cloth dampened with mild detergent solution. Never use abrasive cleansers or chemical solvents, as they may mar the casing.
- For precautions about supersonic wave sensor, see "Notes on Supersonic Wave Sensor."

Caution

Do not place receivers near this unit because it may interfere with the reception of programs.

The cone in the illustration on the left indicates the detecting range of the sensor (approx. 30° up and down, and approx. 20° right and left from the center). The detecting distance can be switched (HIGH/LOW) with the SENSOR LEVEL switch inside the battery compartment.

The detecting range of the sensor may vary with the following conditions:

- How fast an object passed the radio
- The surface covering of the detecting object

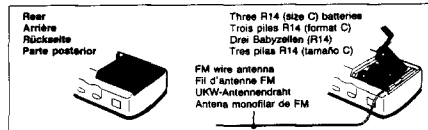
Battery Installation

Before installing the batteries

Take out the FM wire antenna and place it in the groove on the side.

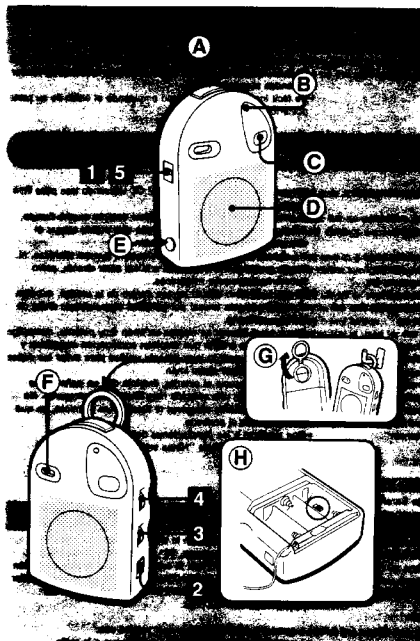
Battery replacement

When the batteries are worn out, the sound may become weak or distorted, or detecting distance of the sensor may be shortened. In this case, replace all the batteries with new ones. Concerning the battery life, see "Specifications".



Specifications

Frequency range	Models for U.S.A. FM: 87.6-108 MHz AM (MW): 530-1,710 kHz Models for other countries FM: 87.6-107.5 MHz AM (MW): 531-1,602 kHz Models for France (ICF-3100L only) FM: 87.6-107.5 MHz LW: 153-279 kHz
Antenna	FM: Built-in loop-wire antenna AM/LW: Built-in ferrite bar antenna
Speaker	Approx. 6.6 cm (2 5/8 inches) dia. 8 ohms
Power output	220 mW
Battery requirements	Three R14 (size C) batteries
Battery life	Approx. 90 hours when the POWER switch is set to ON Approx. 90 days when the POWER switch is set to STANDBY
Sensor level	Using Sony batteries SU-M2 (NS) High: approx. 1 m (39 1/8 inches) Low: approx. 30 cm (11 3/4 inches)
Dimensions	Approx. 112 x 159 x 58 mm (wh/d) (4 1/2 x 6 1/4 x 2 1/4 inches)
Weight	Approx. 500 g (1 lb 2 oz) incl. batteries
Design and specifications are subject to change without notice.	



Set the radio following steps 1 to 5 so that the radio is turned on automatically by the supersonic wave sensor.

- 1 Set **POWER** to **ON**.
- 2 Select **FM** or **AM** with the **BAND** selector.
- 3 Adjust volume.
- 4 Adjust tuning.
- 5 Set **POWER** to **STANDBY**.

The supersonic wave sensor will function in about 5 seconds.

- A) RESET** button
Press to turn off the radio temporarily when it has been turned on by the supersonic wave sensor. The sensor will not function for about 5 seconds after this button is pressed.
- B) TUNE** indicator
Illuminates when a signal is received.
- C) Dial** scale
- D) Speaker**
- E) TIMER SET** control
Adjust the amount of time length (between approx. 3 to 40 minutes) that you wish the radio to stay on after it has been turned on by the supersonic wave sensor. The radio will be turned off automatically. **TIMER SET** does not function when the radio has been turned on by setting **POWER** to **ON**.
- F) Supersonic wave sensor**
- G) Ring** (rear)
Use to hook the radio on the wall.
- H) SENSOR LEVEL** switch (inside the battery compartment)
Switches the distance within which the supersonic wave sensor detects a person or an object.
HIGH: approx. 1 m (39 3/8 inches)
LOW: approx. 30 cm (11 7/8 inches)

To turn off the radio temporarily after it has been turned on by the supersonic wave sensor, Press **RESET**. The sensor will not function for about 5 seconds. To turn off the radio completely, set **POWER** to **OFF**.

To use this radio without the supersonic wave sensor:

- To turn on the radio: set **POWER** to **ON**.
- To turn off the radio: set **POWER** to **OFF**.



Since the reception is affected by the direction of the radio, rotate the unit horizontally for optimum reception. To improve the reception of **FM**, extend the **FM** wire antenna as long as possible, and move it for optimum reception.

The supersonic wave sensor detects the motion of a person or an object and turns on the radio automatically. Note that the sensor may function and turn on the radio accidentally in the following situations:

- Pets pass near the radio.
- A curtain near the radio waves in the breeze.
- The strong wind blows upon the radio directly.
- Mechanical vibration occurs where the radio is placed.
- There is a telephone which rings with a metallic sound, wireless equipment, or supersonic wave equipment near the radio.
- The steam or smoke rises near the radio.

Note

The sensor may not function properly if Supersonic wave sensor on the front is covered with dust. Remove the dust with a soft cloth.