

WEATHER/FM/AM Radio

Operating Instructions

ICF-B05W

© 2006 Sony Corporation Printed in China

<http://www.sony.net/>

Owner's Record

The model number is located at rear exterior.

The serial number is located inside the battery compartment.

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-B05W

Serial No. _____

For customers who purchased this product in the USA

Please register this product on line at

<http://www.sony.com/productregistration>.

Proper registration will enable us to send you periodic mailings about new products, services, and other important announcements.

Registering your product will also allow us to contact you in the unlikely event that the product needs adjustment or modification. Thank you.

WARNING

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

This device complies with the Part 15 of the FCC Rules.

Operation is subject to the condition that this device does not cause harmful interference.

If you have any questions about this product, you may call:

Sony Customer Information Services Center 1-800-222-7669 or

<http://www.sony.com/>

Declaration of Conformity

Trade Name: SONY
Model: ICF-B05W
Responsible Party: Sony Electronics Inc.
Address: 16530 Via Esprillo, San Diego, CA 92127 USA
Telephone Number: 858-942-2230

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Features

- Self-Powered emergency radio for disaster preparedness
- You can use the radio anytime by turning the Power Generator handle to charge the built-in rechargeable battery. — Self power-generating function
- Uses size C (R14) dry batteries (not supplied)
- Two types of useful LED lights (Flashlight/Soft light) equipped
- Water resistant for all weather operation

* Do not immerse in water

This product is designed to be splash-resistant, but should not be immersed in water or come in continuous contact with water.

Before installing the batteries, be sure to wipe off drops of water on the unit.

Precautions

- Do not drop the unit intentionally, or subject it to excessive shock as malfunction may result.
- 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.
- Do not open the cabinet other than when disposing the unit.
- When the case 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 case.
- Do not leave magnetic bank cards, magnetic train passes, or other cards containing magnetic information near the speaker. The information on the card may be erased by the magnetism inside the speaker.
- Keep the volume at a moderate level so as not to harm your ears.
- When using a separately sold earphone, keep the earphone clean by wiping the plug of the earphone with a soft dry cloth so you can always hear clear radio sound.

On water resistant

Although this unit is water resistant for all weather operation, take special care of the following situations.

- Do not allow it to come in contact with large amounts of water.
- Do not immerse the unit in water.
- Open or close the battery compartment with dry hands in a place without exposure to any water.
- Cover the jack with the attached rubber cap when the earphone is not used.
- The rubber parts attached to the lid of the battery compartment and the earphone jack are necessary to keep the unit water resistant. Do not damage them.
- If the unit is splashed with salt water, wipe clean with a damp cloth, then dry with a soft cloth. Do not wash under running water, do not use soap or detergent and do not dry with an electric hair dryer.
- If water has got into the speaker, turn the face of the unit down and pour the water out from the speaker.
- Before opening the battery compartment, be sure the outside of the unit is clean and dry.

For the customers in the USA and Canada RECYCLING NICKEL METAL HYDRIDE BATTERIES

Nickel Metal Hydride batteries are recyclable.

You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.

For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit <http://www.rbrc.org/>



Caution: Do not handle damaged or leaking Nickel Metal Hydride batteries.

When disposing the unit

Take out the rechargeable battery for recycle.

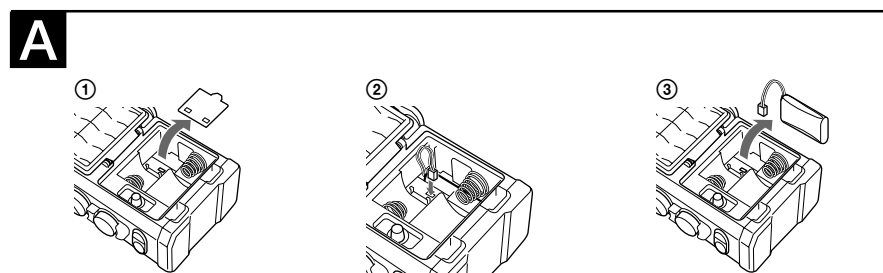
Do not open the cabinet other than when disposing the unit.

- 1 Open the battery compartment lid, and take out the batteries.
- 2 Detach the transparent plate under the battery compartment.
The rechargeable battery is stored behind the transparent plate of the battery compartment. (see fig. **A**-①)
- 3 Holding the connector plug, disconnect the rechargeable battery. (see fig. **A**-②)
- 4 Remove the rechargeable battery. (see fig. **A**-③)

Notes

- Be sure to disconnect the rechargeable battery. If it is connected, electric leakage may occur and it is dangerous. When taking out the battery, be careful not to touch the interior of other parts.
- Be sure to confirm that the rechargeable battery is completely exhausted and then take out the rechargeable battery.

If you have any questions or problem concerning your unit, please consult the nearest Sony dealer.



SONY®

Tape Cassette Player/Recorder/CD Player/Mini Disc
DAT/Radio/Head Phone/Speaker/MIC/Personals

Portable Audio

LIMITED WARRANTY

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 if this Product is determined to be defective, Sony will repair or replace the Product, at its option, at no charge. 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 Factory Sony Service facility or to the Laredo Fulfillment Center. See below for additional information.

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 Laredo Fulfillment Center is:

Laredo Fulfillment Center
10227 Crossroads Loop Suite B
Laredo, TX 78045

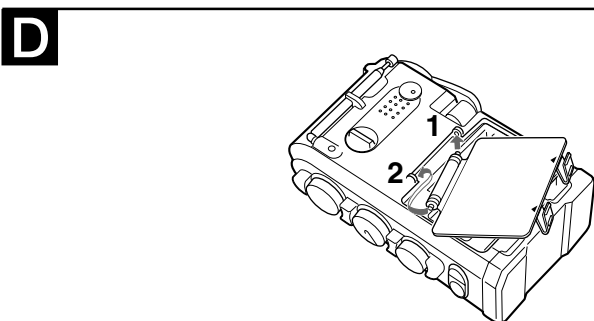
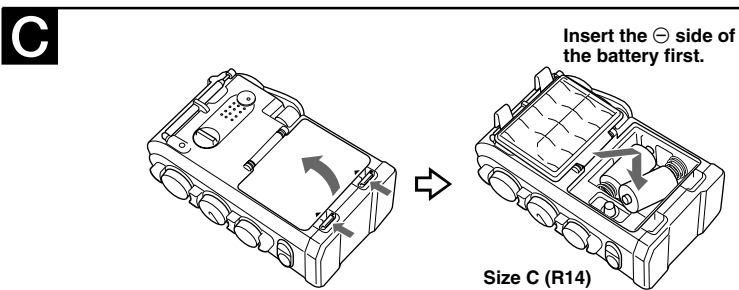
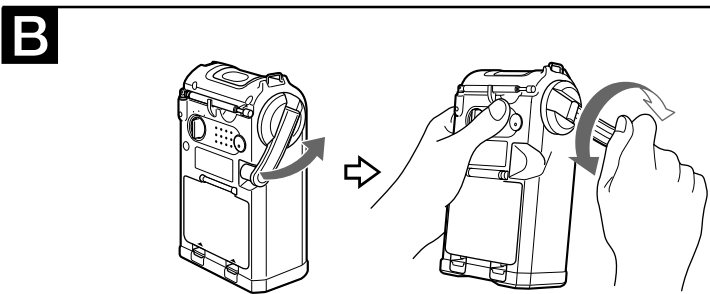
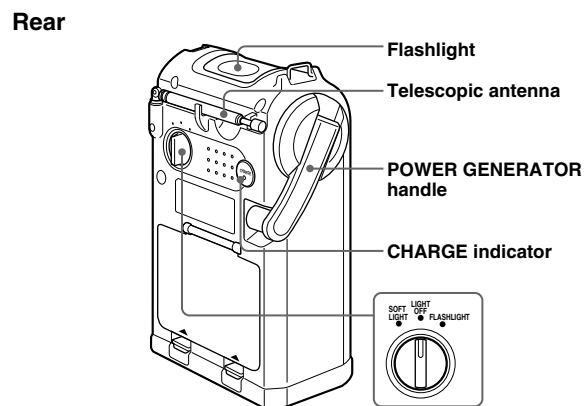
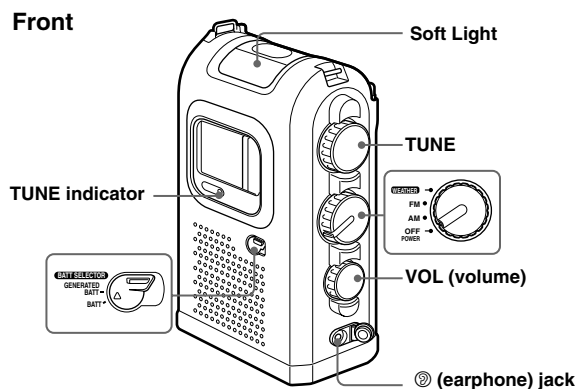
For your convenience, Sony Electronics Inc. has established telephone numbers for frequently asked questions:

To locate the servicer or dealer nearest you, or for service assistance or resolution of a service problem, or for product information or operation, call:

Sony Customer Information Services Center
1-800-222-7669
or visit the Sony Web Site:
www.sony.com

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

1-800-488-SONY (7669)



Power sources

Using the unit with the built-in rechargeable battery (see fig. B)

You may charge the built-in rechargeable battery and listen to the radio.

- 1 Pull out the **POWER GENERATOR** handle.
- 2 To charge, turn the handle one way to either direction. Turn the handle slowly in the beginning, and speed up the turning little by little. Then, keep turning the handle continuously at the speed that lights the **CHARGE** indicator in green. When you charge, the built-in rechargeable battery will be charged regardless of the setting of the **BATT SELECTOR** switch.

Notes

- Be sure to fold in the telescopic antenna when charging. If you leave the telescopic antenna unfolded, the telescopic antenna may hit the surroundings and it is dangerous.
- When charging, be careful that the **POWER GENERATOR** handle does not get entangled with the shoulder strap. It may result in an accident or failure.
- If you turn the **POWER GENERATOR** handle while listening to the radio, there may be a noise interference. In this case, turn off the radio and then charge the battery.

On charging

When you turn the handle, the power generation starts and charges the built-in rechargeable battery. The generation capacity may vary depending on the speed. At first, turn the handle slowly and then speed up the turning little by little and the **CHARGE** indicator will light up. Keep on turning the handle for 1 minute at the speed that lights the **CHARGE** indicator in green, which will be up to 60 minutes* of listening to the radio. Use this as an charging standard. Even when you turn the handle at the speed that the **CHARGE** indicator does not light, it will charge the built-in rechargeable battery and you may listen to the radio. **The CHARGE indicator is not an indicator for charging capacity.**

* For AM radio reception and up to 40 minutes for FM radio reception. The listening time may differ depending on the operation of the unit.

When the rechargeable battery becomes exhausted

The sound will become weak and distorted. If this occurs, turn the **POWER GENERATOR** handle to charge the rechargeable battery.

Notes

- When you use the rechargeable battery for the first time, after a long period of time of disuse, leaving the power on for a long time or the rechargeable battery is exhausted, the battery life may be short even after charging it. In this case, charge (for more than a minute) and discharge the battery several times. The battery life will be restored.
- If the rechargeable battery capacity becomes half the normal life, please consult the nearest Sony dealer.

Installing the dry batteries (see fig. C)

Insert two size C (R14) batteries (not supplied).

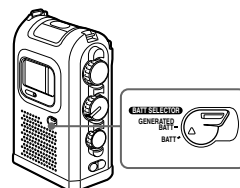
- 1 Open the lid as illustrated.
- 2 Insert two size C (R14) batteries with correct polarity.
- 3 Close the lid of the battery compartment.

When to replace the batteries

When the dry batteries become weak, the sound will become weak and distorted. Replace both dry batteries with new ones.

Choosing the power source

Set the **BATT SELECTOR** switch to the source you want to use.



Nickel Metal Hydride battery:
"GENERATED BATT"
Size C (R14) dry batteries: "BATT"

Checking the batteries

Check the rechargeable battery and the dry batteries once a year.

Rechargeable battery:

Turn the **POWER GENERATOR** handle to charge, then confirm that you can listen to the radio.

Dry batteries:

Turn on the radio to confirm if the sound is not weak or distorted.

Rechargeable battery usage time	(Approx. minutes)			
	WEATHER	FM	AM	LIGHT
Built-in rechargeable battery*1	40*2	40*2	60*2	6

*1 When charged for 1 minute. When turning the **POWER GENERATOR** handle, turn it at the speed that keeps the **CHARGE** indicator lit green (approx. 120 cranks per minute).

*2 at power output approx. 1 mW

Battery Life	(Approx. hours)			
	WEATHER	FM	AM	LIGHT
Sony alkaline size	305	305	355	115
C (LR 14)	(JEITA*3)	(JEITA*3)	(JEITA*3)	

*3 Measured by JEITA (Japan Electronics and Information Technology Industries Association) standards. The actual battery life may vary depending on the circumstances.

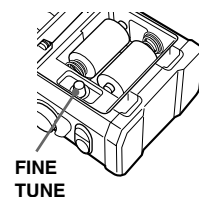
If the battery compartment lid comes off (see fig. D)

- 1 Insert the right claw of the battery compartment lid into the hole on the right side of the battery compartment.
- 2 Slide the left side of the lid into the left side hole of the battery compartment.

Playing the radio

You can listen to the radio by the speaker or a separately sold earphone.

- 1 Set the **BATT SELECTOR** switch to choose the power source.
- 2 Turn on the radio and select **WEATHER, FM** or **AM** with power.
- 3 Tune in to a station with **TUNE**. When the station is tuned in, the **TUNE** indicator lights up in red. To tune in a **WEATHER** station, open the battery compartment lid at the rear of the unit, and tune in a station using **FINE TUNE** located in the battery compartment.
- 4 Adjust volume using **VOL**.



To turn off the radio

Set power to **OFF POWER**.

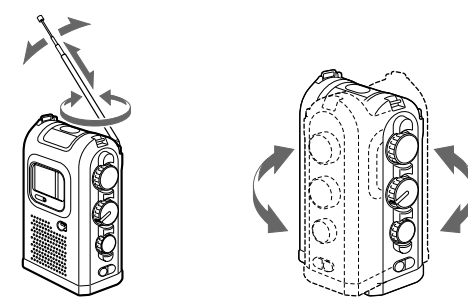
Improving the reception

WEATHER/FM: Extend the telescopic antenna and adjust the length, angle and direction to obtain optimum reception.

AM: Rotate the unit horizontally for optimum reception. A ferrite bar antenna is built in the unit.

WEATHER/FM

AM



Note

Adjust the direction of the telescopic antenna by holding the bottom of it. The antenna can be damaged when you move the antenna with excessive force.

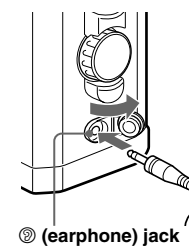


Useful functions

When using a separately sold earphone

Connect the earphone (not supplied) to (earphone) jack.

When the earphone is connected, the speaker will not emit sound.



Notes

- When the earphone is not connected to the (earphone) jack, be sure to close the earphone cover. If you do not close the earphone cover, the unit will not be water-resistant.
- When using an earphone, be careful not to expose the unit to water.

Using the LED light

Select the **SOFT LIGHT** or **FLASHLIGHT** using the light switch.

SOFT LIGHT: Turns on the light at the top of the unit.

FLASHLIGHT: Turns on the light at the side of the unit.

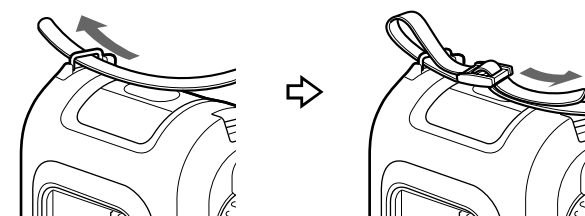
To turn off the light, set the light switch to "LIGHT OFF."

Attaching the shoulder strap

The supplied shoulder strap is useful when carrying the unit.

To attach the shoulder strap

Attach the supplied shoulder strap to the strap hole at the side of the unit.



Specifications

Frequency range

WEATHER: 1 - 7 ch

FM: 87.5 - 108 MHz

AM: 530 - 1 710 kHz

Speaker

Approx. 5 cm (2 in) dia., 8 Ω

Output

(earphone) jack (ø 3.5 mm, minijack)

Power output

60 mW (Using the built-in rechargeable battery)

90 mW (Using size C (R14) dry batteries, not supplied)

Power requirements

Built-in Nickel Metal Hydride (2.4 V, 700 mAh, Ni-MH) battery or 3 V DC, two size C (R14) dry batteries

Dimensions

Approx. 113.6 × 179.7 × 66.8 mm (w/h/d)

(4 1/2 × 7 1/8 × 2 3/4 in) incl. projecting parts and controls

Mass

Approx. 500.8 g (1.1 lb 17.7 oz) (incl. built-in rechargeable battery)

Approx. 601.3 g (1.3 lb 21.3 oz) (incl. batteries)

Supplied accessory

Shoulder strap (1)

Design and specifications are subject to change without notice.



Lead-free solder is used for soldering. Halogenated flame retardants are not used in printed wiring boards.