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4-452-666-12(1)  
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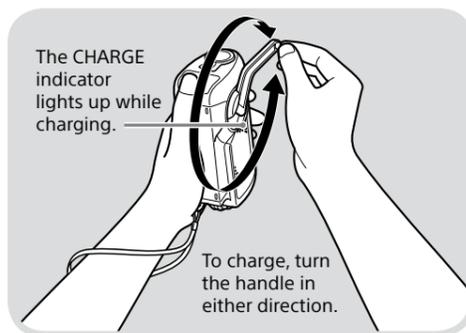
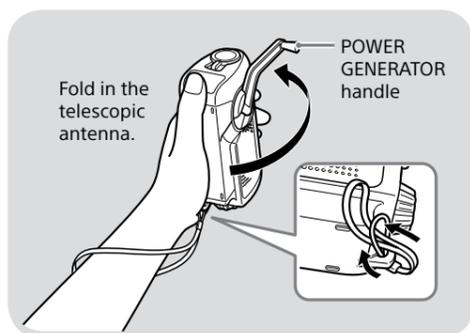
ICF-B08

## Charging the Built-in Rechargeable Battery Using the Hand Cranking Method

You can charge the battery while listening to the radio.

- 1** Hold the unit firmly and pull out the **POWER GENERATOR** handle.

- 2** Turn the handle to charge.



Put your hand through the hand strap to prevent accidents and injuries from dropping the unit.

As a guideline, turn the handle at a speed of approx. two turns or more per second.

### Rechargeable battery operating time (Approx. minutes)

|                                                          | FM               | AM               | Light            |
|----------------------------------------------------------|------------------|------------------|------------------|
| 1 minute of charging by turning the handle* <sup>1</sup> | 50* <sup>2</sup> | 75* <sup>2</sup> | 15* <sup>3</sup> |

- \*<sup>1</sup> When the handle is turned at a speed of approx. two turns per second
- \*<sup>2</sup> At power output of approx. 1 mW
- \*<sup>3</sup> The battery operating time when using FLASHLIGHT is the same as when using SOFT LIGHT.

### Notes

- Each time you turn the handle for two or three minutes, pause approx. one minute and then start turning the handle again.
- If you charge the battery while listening to the radio, there may be noise interference in the radio.

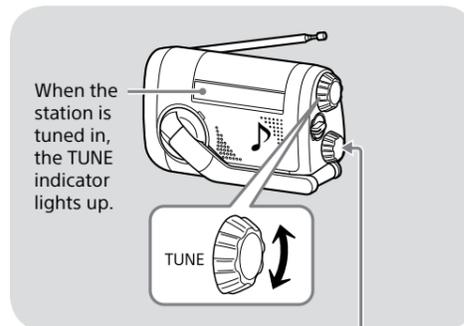
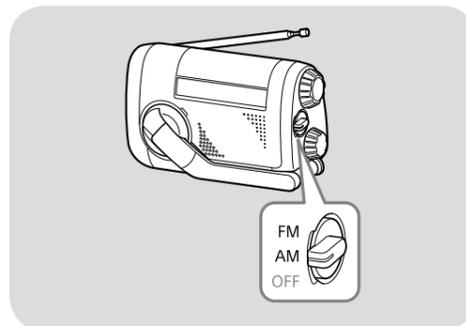
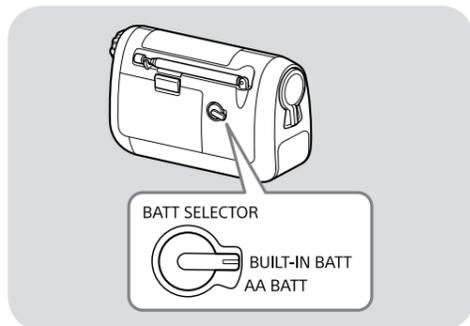
## Listening to the Radio

You can charge the battery while listening to the radio.

- 1** Choose the power source.

- 2** Select "FM" or "AM."

- 3** Tune to the desired station.



When the station is tuned in, the TUNE indicator lights up.

VOL Adjust the volume using VOL.

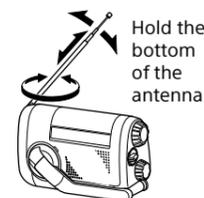
**BUILT-IN BATT:** When using the built-in rechargeable battery, charged using the hand cranking method, as the power source.

**AA BATT:** When using LR6 (size AA) batteries (not supplied) as the power source.

### To improve radio reception

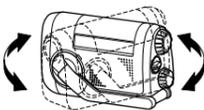
#### FM

Extend the telescopic antenna and/or change the direction of the antenna.

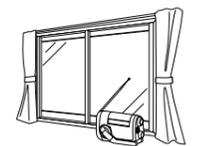


#### AM

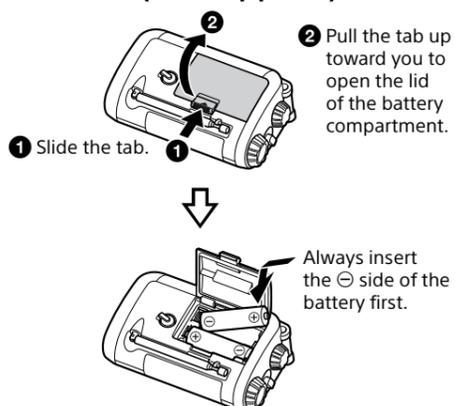
The unit is equipped with a telescopic antenna. Rotate the unit to get the best reception.



If you are unable to get clear reception, change the location of the unit (e.g. move the unit close to a window when it is being used indoors).



### Installing two LR6 (size AA) batteries (not supplied)

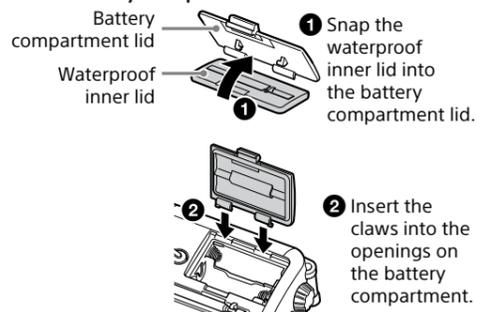


### Battery operating time (Approx. hours)

|                                           | FM                        | AM                         | Light            |
|-------------------------------------------|---------------------------|----------------------------|------------------|
| LR6 (size AA) dry batteries* <sup>1</sup> | 80 (JEITA* <sup>2</sup> ) | 100 (JEITA* <sup>2</sup> ) | 50* <sup>3</sup> |

- \*<sup>1</sup> When two brand-new Sony alkaline LR6 (size AA) dry batteries are used until they are exhausted
- \*<sup>2</sup> JEITA (Japan Electronics and Information Technology Industries Association) standards. The actual battery life may vary depending on the circumstances.
- \*<sup>3</sup> The battery operating time when using FLASHLIGHT is the same as when using SOFT LIGHT.

### If the battery compartment lid comes off

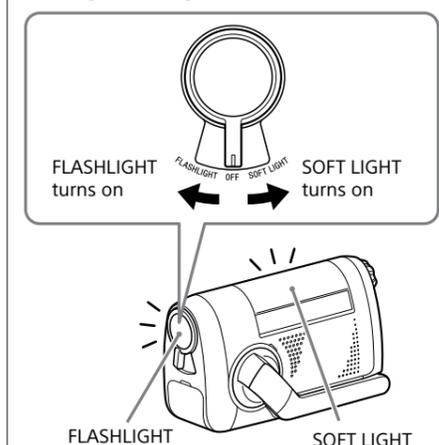


The built-in rechargeable battery cannot be charged from LR6 (size AA) batteries.

### Using headphones (not supplied)

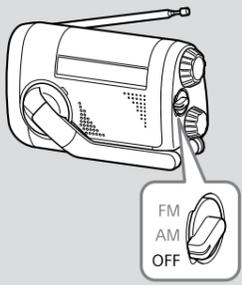


### Using the light



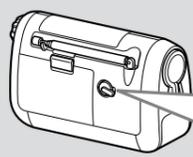
# Charging a Smartphone

## 1 Set power to "OFF."



**⊘** You cannot charge a smartphone while listening to the radio.

## 2 Choose the power source.



BATT SELECTOR  
BUILT-IN BATT  
AA BATT

### Charging a smartphone using the hand cranking method:

(Turn the handle at a speed of approx. two turns or more per second. If you charge the smartphone for one minute, you will be able to continuously talk on the smartphone for approx. one minute. If you turn the handle at slower than the specified speed, the smartphone may not be charged.)

BATT SELECTOR  
BUILT-IN BATT  
AA BATT

### Charging a smartphone from LR6 (size AA) batteries (not supplied):

(If you charge the smartphone using two brand-new Sony alkaline LR6 (size AA) dry batteries, you will be able to continuously talk on the smartphone for approx. 25 minutes.)

Even while the smartphone is being charged using LR6 (size AA) batteries, if you turn the handle, the charging operation will be switched to the hand cranking method. (The CHARGE indicator will not light up.)

**⊘** You cannot charge a smartphone from the built-in rechargeable battery.

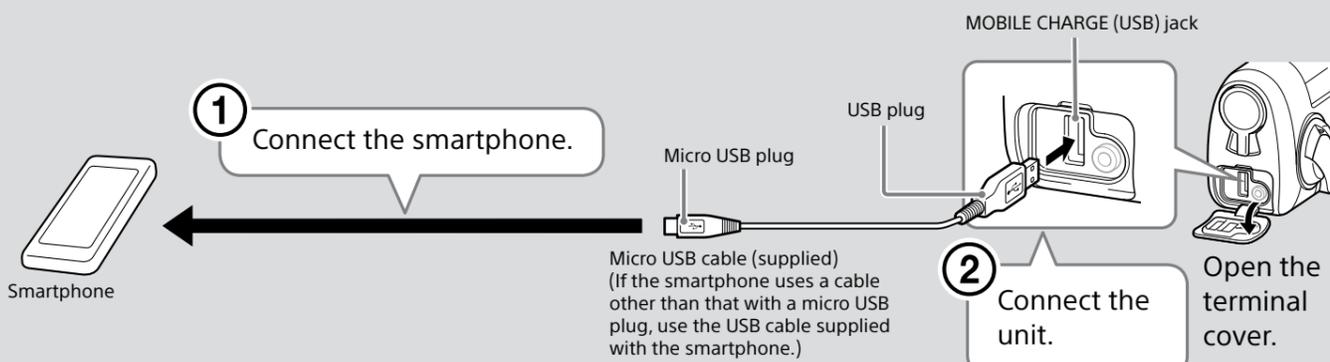
### Notes

- Charge a smartphone before the battery of the smartphone is completely exhausted.
- You cannot charge a smartphone from the size AA manganese dry batteries.
- When you charge a smartphone using alkaline dry batteries, be sure to use brand-new batteries.
- The battery sometimes becomes very hot after charging, so be careful not to burn yourself when you handle it.
- This unit does not guarantee that it can be used for charging all products that can be charged via USB.

### Tips

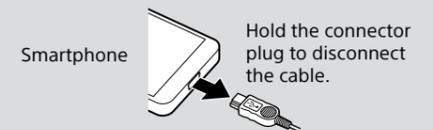
- Check the charge status on the smartphone screen.
- If a warning message is displayed on the smartphone while you are turning the handle, pause briefly and then start turning the handle again.
- To charge a smartphone using LR6 (size AA) batteries after charging the smartphone using the hand cranking method, stop turning the handle and then disconnect and reconnect the USB cable.

## 3 Connect the unit to a smartphone to charge the smartphone.



## 4 After charging is finished, disconnect the cable and close the terminal cover.

### 1 Disconnect the USB cable.



### 2 Close the terminal cover.



## Specifications

|                      |                                                                                                                          |
|----------------------|--------------------------------------------------------------------------------------------------------------------------|
| Frequency range      | FM: 87.5 MHz – 108 MHz<br>AM: 530 kHz – 1,710 kHz                                                                        |
| Speaker              | Approx. 3.6 cm dia. round 8 Ω (1)                                                                                        |
| Output               | ⊘ headphone jack (ø 3.5 mm mini jack) (1)<br>MOBILE CHARGE (USB) jack (1)                                                |
| Power output         | 60 mW (Using the built-in rechargeable battery)<br>90 mW (Using Sony alkaline LR6 (size AA) dry batteries, not supplied) |
| Power requirements   | Built-in Nickel Metal Hydride (2.4 V, 700 mAh, Ni-MH) battery or 3 V DC, two LR6 (size AA) dry batteries                 |
| Dimensions           | Approx. 132 mm × 77 mm × 58 mm (W/H/D)                                                                                   |
| Mass                 | Main unit: Approx. 329 g<br>When dry batteries are used: Approx. 376 g (incl. LR6 (size AA) batteries)                   |
| Supplied accessories | Carrying pouch (1), Micro USB cable (1), Emergency whistle (1), Hand strap (1), Operating instructions (1)               |

Design and specifications of this unit are subject to change without notice for improvement of performance.

The company names and product names indicated in this instructions document are the trademarks or registered trademarks of those companies.

### Operating time

The actual battery operating time may vary depending on the surrounding environment and operating conditions. The battery operating time for a smartphone is an approximate guide based on measurements of typical models.

### Battery operating time

|                                              | FM                         | AM                          | Light                |
|----------------------------------------------|----------------------------|-----------------------------|----------------------|
| 1 minute of charging by turning the handle*1 | Approx. 50 minutes*2       | Approx. 75 minutes*2        | Approx. 15 minutes*3 |
| LR6 (size AA) dry batteries*4                | Approx. 80 hours (JEITA*5) | Approx. 100 hours (JEITA*5) | Approx. 50 hours*3   |

### Notes

- If using this unit for the first time, if it had not been used for a long time, or if the power has been left on, the battery operating time may be short even after charging it. In that case, charge (for more than a minute) and discharge the battery (using the radio or light) several times. The battery life will be restored.
- When you do not use this unit for a long time, remove the LR6 (size AA) batteries and set the BATT SELECTOR switch to "AA BATT" to prevent deterioration of the built-in rechargeable battery. And charge the rechargeable battery by turning the handle at least once a year at the recommended speed (approx. two turns per second) for approx. one minute or more.
- When the battery is exhausted, the sound will become weak or distorted, or the TUNE indicator will grow dark. In that case, turn the handle to charge the built-in rechargeable battery or replace LR6 (size AA) batteries with new ones.
- You cannot replace the built-in rechargeable battery.
- If the operating time of the radio is too short even after charging the unit, please contact your nearest Sony dealer.

### Smartphone operating time\*6

|                                              | Continuous standby state | Continuous talking |
|----------------------------------------------|--------------------------|--------------------|
| 1 minute of charging by turning the handle*1 | Approx. 40 minutes       | Approx. 1 minute   |
| Charged from LR6 (size AA) dry batteries*7   | Approx. 16 hours         | Approx. 25 minutes |

\*1 When the handle is turned at a speed of approx. two turns per second.

\*2 At power output of approx. 1 mW

\*3 The battery operating time when using FLASHLIGHT is the same as when using SOFT LIGHT.

\*4 When two brand-new Sony alkaline LR6 (size AA) dry batteries are used until they are exhausted

\*5 JEITA (Japan Electronics and Information Technology Industries Association) standards. The actual battery life may vary depending on the circumstances.

\*6 The operating time varies depending on the smartphone model and operating conditions.

\*7 When two brand-new Sony alkaline LR6 (size AA) dry batteries are used for charging a smartphone until these batteries are exhausted (The time required to finish charging varies depending on the type of batteries and model of smartphone.)

## Precautions

### On handling the unit

- Do not drop the unit or subject it to shock; doing so may cause a malfunction.
- Do not leave the unit in the following locations.
  - In a place exposed to extremely high temperatures (60°C or higher) or low temperatures (0°C or lower)
  - Near heat sources
  - In a place exposed to high humidity
  - In the cabin of a car with closed windows (particularly in summer)
  - In a place exposed to excessive dust
  - In a confined space such as a bookcase or built-in cabinet
- Do not place lighted candles on the apparatus.
- Do not expose the batteries installed to excessive heat such as sunshine, fire or the like for a long time.
- Do not let any solid object or liquid fall into the unit.
- When the cabinet becomes soiled, clean it with a soft dry cloth. Never use chemical solvents such as thinner or benzene, as they may mar the cabinet.
- 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 magnet inside the speaker.
- Keep the volume at a moderate level so as not to harm your ears.

### On splash proof performance

Although this unit is splash proof to a degree against exposure to a spray of rain, snow, and water, exercise caution in the following situations.

- Do not splash a large amount of water on the unit.
- Do not immerse the unit in water.
- If water is splashed on the unit or it is dropped into water, immediately remove the unit from the water and wipe moisture from the unit with a soft dry cloth.
- If water gets into the speaker, turn the speaker side of the unit downward and pour the water out from the speaker.
- When the ⊘ headphone jack or USB port is not used, be sure to close the terminal cover. If you do not close the terminal cover, the unit's splash proof state will be compromised. When these terminals are being used with the cover open, be careful not to expose them to water.
- After the unit is exposed to water, take caution it does not make nearby objects wet.

On using this unit, Sony shall not be liable for any damage caused by smartphone memory data loss or inability to talk on the smartphone, loss in profit, or any claim from a third party.

If the unit malfunctions, do not open the cabinet. Contact your nearest Sony dealer.

### Disposing of the unit

Remove the built-in rechargeable battery for environmental protection. Before removing the built-in rechargeable battery, set the BATT SELECTOR switch to "AA BATT."

- 1 Detach parts of the main unit in the following order.
  - 1 Bottom cover: Remove two screws.
  - 2 Panel with FLASHLIGHT: Remove the screw near the ⊘ headphone jack under the terminal cover.
  - 3 Panel with VOL control: Pull out and remove the three dials, and then remove the screw under the VOL control.
  - 4 SOFT LIGHT cover on top of the unit: Remove two screws on the antenna rest at the rear of the unit.
  - 5 Side of unit with battery compartment: Remove the screw near the tip of the telescopic antenna on the antenna rest. Then remove two screws on the right edge, two screws on the lower edge, and the screw at the upper right corner in the battery compartment.
- 2 Remove the screw on the board to detach it and then remove the built-in rechargeable battery.
- 3 Hold the connector plug of the board and disconnect the built-in rechargeable battery from the board.

### ⚠ WARNING

Do not open the cabinet except when disposing of the unit.

### ⚠ CAUTION

- Be sure to disconnect the rechargeable battery from the board. Electricity flows when the battery is connected and it can be unsafe. When removing the battery, be careful not to touch the interior of other parts.
- Make sure that the built-in rechargeable battery is completely exhausted and then remove the rechargeable battery.