

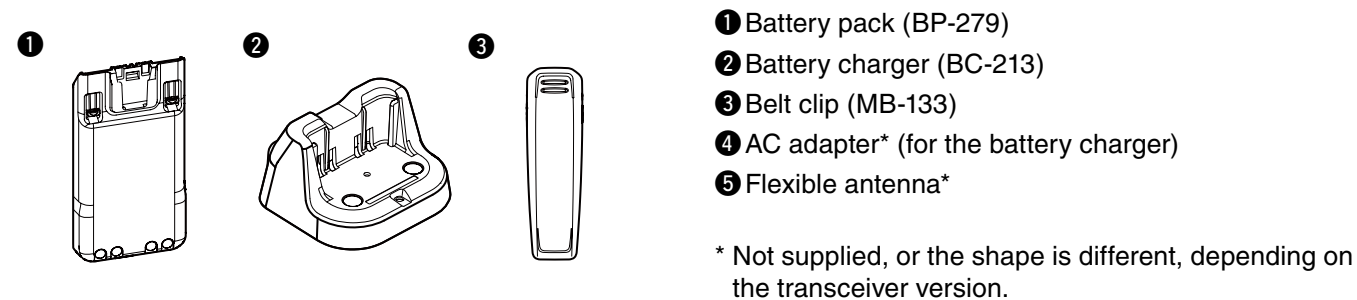
ICOM

INSTRUCTIONS

VHF TRANSCEIVERS
IC-F1000 series
UHF TRANSCEIVERS
IC-F2000 series

Thank you for purchasing the IC-F1000 series VHF TRANSCEIVERS or IC-F2000 series UHF TRANSCEIVERS.
READ ALL INSTRUCTIONS carefully and completely before using the transceiver.

SUPPLIED ACCESSORIES



PANEL DESCRIPTION

There are three types of transceivers in the IC-F1000 and IC-F2000 series.

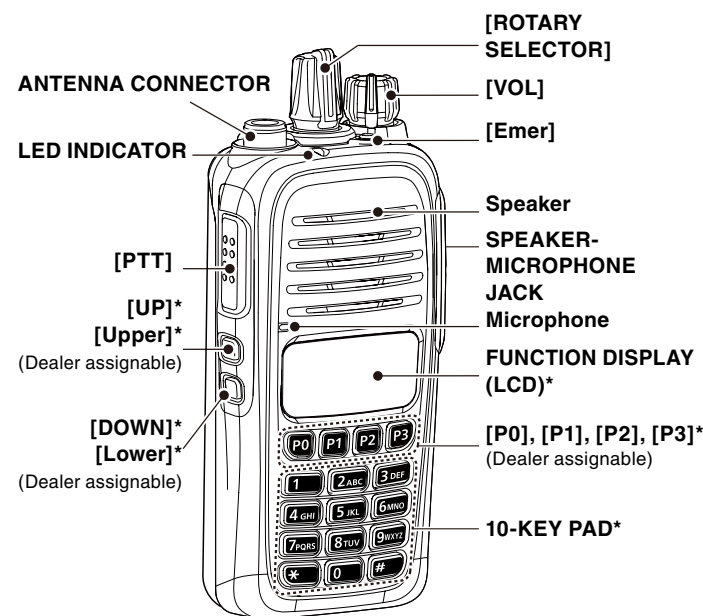
IC-F1000/F2000: Non-Display Type
IC-F1000S/F2000S: Simple Type
[LCD + 4 keys (P0–P3)]
IC-F1000T/F2000T: 10-Key Type
[LCD + 4 keys + 10-Key Pad]

◇ About the LED Indicator

- Lights red while transmitting.
- Lights green while receiving a signal, or when the squelch is open.
- Lights or blinks orange when the matched 2-Tone or 5-Tone is received, depending on the presetting.
- You should charge the battery when the indicator slowly blinks green.
- You must charge the battery when the indicator blinks green fast.

◇ About the Speaker microphone jack

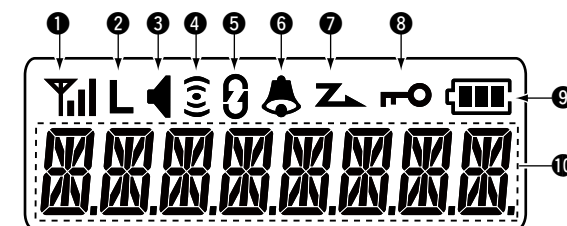
CAUTION: Only when the jack cover or the optional HM-168LWP is attached, the transceiver meets IP67 requirements for dust-tight and waterproof protection.



The illustration is for the 10-key type transceivers.

* Depending on the transceiver version

FUNCTION DISPLAY



1 SIGNAL STRENGTH INDICATOR

Displays the relative receive signal strength level.

2 LOW POWER ICON

Appears when low output power is selected.

- When the battery charge decreases to a set level, low power is automatically selected.

3 AUDIBLE ICON

Appears when the channel is in the 'audible' (unmuted) mode.

Appears when a matched 2-Tone or 5-Tone is received.

4 COMPANDER ICON

Appears when the Compander function is ON.

5 SCRAMBLER ICON

Appears when the Voice Scrambler function is ON.

6 BELL ICON

Appears or blinks when a matched 2-Tone or 5-Tone is received, depending on the presetting.

7 SCAN ICON

Appears or blinks while scanning.

8 KEY LOCK ICON

Appears when the Key Lock function is ON.

9 BATTERY INDICATOR

Displays the remaining battery charge.

Blinks when the battery charge decreases to a set level.

10 ALPHANUMERIC READOUT

Displays messages such as channel text.

BATTERY CHARGING

◇ Rapid charging the supplied BC-213

The BC-213 DESKTOP CHARGER rapidly charges the Li-ion battery pack.

The BC-213 is used with an AC adapter or the CP-23L CIGARETTE LIGHTER CABLE (purchase separately).

• Charging time of the BP-279

Approximately 2 to 3 hours

CAUTION: STOP charging, if the charge indicator lights orange and green alternately.

NOTE: Charge the battery within the specified temperature range of +10°C to +40°C (+50°F to +104°F). Otherwise, the charging time will be longer, but the battery will not reach a full charge. While charging, at a point after the temperature goes out of the specified range, the charging will automatically stop.

◇ Rapid charging the BC-214

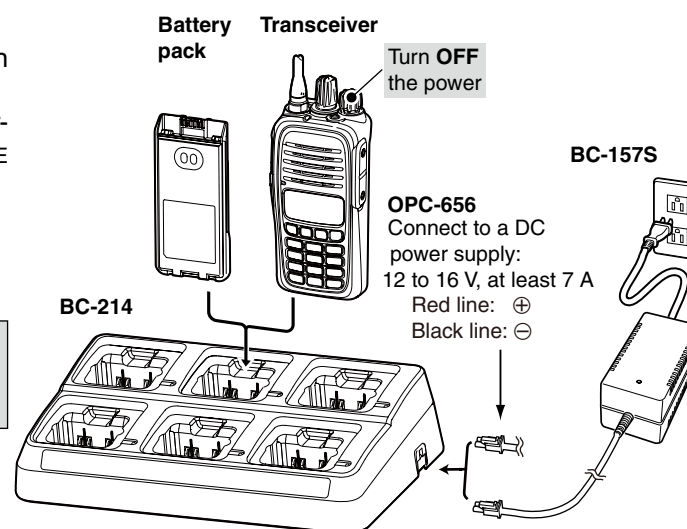
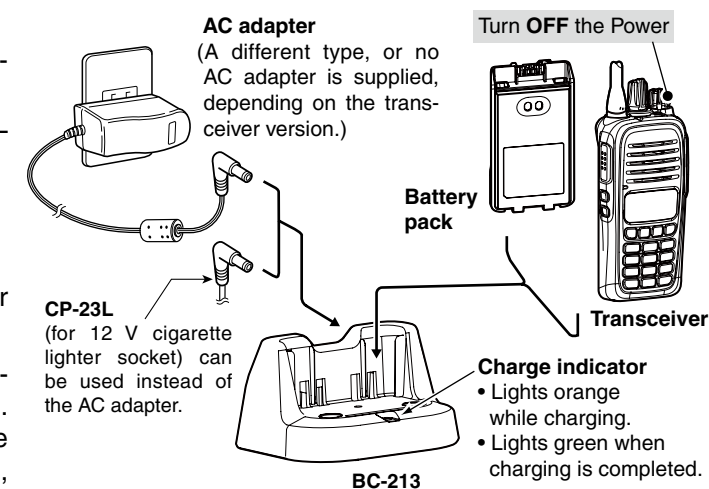
The BC-214 MULTI CHARGER (purchase separately) can simultaneously charge up to 6 Li-ion battery packs.

The BC-214 is used with BC-157S AC ADAPTER (purchase separately) or the OPC-656 DC POWER CABLE (purchase separately).

• Charging time of the BP-279

Approximately 2 to 3 hours

For more information about Icom accessories, please read the "OPTIONS" printed on the reverse side of this instruction sheet.



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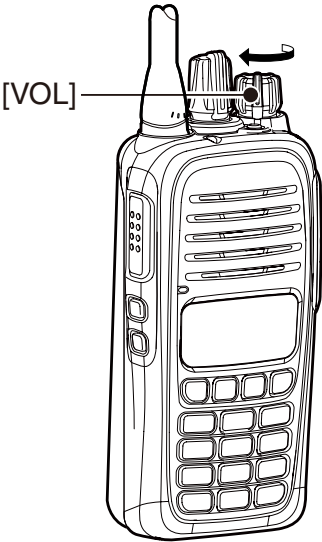
Count on us!

BASIC OPERATION

Turning power ON

Before using the transceiver for the first time, the battery pack must be fully charged for optimum life and operation. See the instructions on page 2.

Rotate [VOL] to turn ON the power.



Receiving and Transmitting

CAUTION:
Attach an antenna before transmitting.
Transmitting without an antenna may damage the transceiver.

- Receiving:**
- ① Rotate [ROTARY SELECTOR], or push one of the memory channel keys, [MR-CH 1] to [MR-CH 4], to select a channel.
 - ② When receiving a call, adjust the audio output level to a comfortable listening level.

- Transmitting:**
Wait until the channel is clear to avoid interference.
- ① While holding down [PTT], speak at a normal voice level.
 - ② Release [PTT] to receive.

IMPORTANT:
To maximize the readability of your signal:

- 1. After pushing [PTT], pause briefly before you start speaking.
- 2. Hold the microphone 5 to 10 cm (2 to 4 inches) from your mouth, then speak at a normal voice level.

OPTIONS

BATTERY PACKS

- BP-278/BP-279 BATTERY PACK

Battery pack	Voltage	Capacity	Battery life*	
BP-278	7.2 V	1130 mAh (minimum) 1190 mAh (typical)	VHF	10 hours
			UHF	10 hours
BP-279	7.2 V	1485 mAh (minimum) 1570 mAh (typical)	VHF	14 hours
			UHF	14 hours

* When the power save function is turned ON, and the operating periods are calculated under the following conditions.
TX : RX : standby = 5 : 5 : 90

CHARGERS

- BC-213 DESKTOP CHARGER + BC-123S AC ADAPTER
To rapid charge a single battery pack.
- BC-214 MULTI CHARGER + BC-157S AC ADAPTER
To rapid charge up to 6 battery packs.

DC CABLES

- CP-23L CIGARETTE LIGHTER CABLE
Use when charging the battery pack from a 12 V cigarette lighter socket. (Use with the BC-213)

- OPC-656 DC POWER CABLE
Use with a 13.8 V power source instead of the AC adapter. (Use with the BC-214)

ANTENNAS

- FA-SC25V/FA-SC55V/
FA-SC62V/FA-SC63V VHF ANTENNAS
FA-SC25V: 136–150 MHz
FA-SC55V: 150–174 MHz
FA-SC62V: 150–160 MHz
FA-SC63V: 155–165 MHz

- FA-SC56VS/FA-SC57VS VHF STUBBY ANTENNAS
FA-SC56VS: 150–162 MHz
FA-SC57VS: 160–174 MHz

- FA-SC61VC VHF CUT ANTENNA
FA-SC61VC: 136–174 MHz

OPTIONS (Continued)

- FA-SC25U/FA-SC57U/
FA-SC72U/FA-SC73US UHF ANTENNAS
FA-SC25U: 400–430 MHz
FA-SC57U: 430–470 MHz
FA-SC72U: 470–520 MHz
FA-SC73US: 450–490 MHz

- FA-SC61UC UHF CUT ANTENNA
FA-SC61UC: 380–520 MHz

OTHERS

- MB-130 MOBILE BRACKET
Mounts the BC-213 DESKTOP CHARGER on a variety of places in a vehicle.

- MB-133 BELT CLIP

- HM-158LA/HM-159LA/HM-168LWP
SPEAKER MICROPHONE
Combination speaker-microphone that provides convenient operation while the transceiver is hanging on your belt.

- HM-153LA/HM-166LA EARPHONE-MICROPHONE
Ideal for hands-free operation. Clip the HM-153LA or HM-166LA (with integrated PTT SWITCH) to your lapel or breast pocket.

- HS-94/HS-95/HS-97 HEADSET
+ VS-4LA PTT SWITCH CABLE
HS-94 : Ear-hook type
HS-95 : Neck-arm type
HS-97 : Throat microphone
VS-4LA: To connect to headsets

Some options may not be available in some countries. Ask your dealer for details.

Approved Icom optional equipment is designed for optimal performance when used with an Icom transceiver. Icom is not responsible for the destruction or damage to an Icom transceiver in the event the Icom transceiver is used with equipment that is not manufactured or approved by Icom.

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