### OPTIONS

#### BATTERY PACKS

- **BP-278/BP-279/BP-280** BATTERY PACK

<table>
<thead>
<tr>
<th>Battery pack</th>
<th>Voltage</th>
<th>Capacity</th>
<th>Battery life*</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP-278</td>
<td>7.2 V</td>
<td>1130 mAh (minimum)</td>
<td>VHF 10 hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1190 mAh (typical)</td>
<td>UHF 10 hours</td>
</tr>
<tr>
<td>BP-279</td>
<td>7.2 V</td>
<td>1485 mAh (minimum)</td>
<td>VHF 14 hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1570 mAh (typical)</td>
<td>UHF 14 hours</td>
</tr>
<tr>
<td>BP-280</td>
<td>7.2 V</td>
<td>2280 mAh (minimum)</td>
<td>VHF 20 hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2400 mAh (typical)</td>
<td>UHF 20 hours</td>
</tr>
</tbody>
</table>

* 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-123 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 with charging the battery pack from a 12 V cigarette lighter socket. (Use with the BC-213)

- **OPC-866 DC POWER CABLE**
  
  Use with a 13.8 V power source instead of the power adapter. (Use with the BC-214)

#### ANTENNAS

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

- **FA-SC26VS/FA-SC27VS/FA-SC56VS/FA-SC57VS** UHF STUBBY ANTENNAS
  
  - FA-SC26VS: 136–144 MHz
  - FA-SC27VS: 142–150 MHz
  - FA-SC56VS: 150–162 MHz
  - FA-SC57VS: 160–174 MHz

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

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

- **FA-SC26US** UHF STUBBY ANTENNA
  
  - FA-SC26US: 400–450 MHz

- **FA-SC01U/FA-SC02U** UHF ANTENNA
  
  - FA-SC01U: 350–400 MHz
  - FA-SC02U: 330–380 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.

  - Adjust the microphone gain before use.

- **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.

  - Adjust the microphone gain before use.

- **HS-94/HS-95/HS-97 HEADSET**

  - + VS-4LA PTT SWITCH CABLE
  
  /OPC-2004LA ADAPTER CABLE

- **OPC-2004LA** ADAPTER CABLE
  
  To connect to headsets for VOX operation.

  - Adjust the both microphone and VOX gain before use.

- **HS-94LWP/HS-95LWP HEADSET**

  - HS-94LWP: Ear-hook type
  - HS-95LWP: Neck-arm type

  - Adjust the both microphone and VOX gain before use.

- **HS-94/HS-95/HS-97/HS-94LWP/HS-95LWP/HS-94/HS-95/HS-97**

#### SUPPLIED ACCESSORIES

- **Battery pack**
- **Battery charger** (BC-213)
- **Belt clip** (MB-133)
- **Power adapter** (for the battery charger)
- **Flexible antenna**

* Not supplied, or the shape is different, depending on the transceiver version.

#### PANEL DESCRIPTION

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

- **IC-F1000/F2000**: Non-display type (Basic type)
  
  - LCD: 10-key type
  
  - LCD + 4 keys (P0–P3)

- **IC-F1000S/F2000S**: Simple type (4-key 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, HS-94LWP, or HS-95LWP is attached, the transceiver meets IP67 requirements for dust-tight and waterproof protection.

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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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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:

Rotate [ROTARY SELECTOR], or push one of the memory channel keys, [MR-CH 1] to [MR-CH 4], to select a channel.

When receiving a call, adjust the audio output level to a comfortable listening level.

Transmitting:

Wait until the channel is clear to avoid interference.
While holding down [PTT], speak at a normal voice level.
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.

Rapid charging the supplied BC-213

The BC-213 DESKTOP CHARGER rapidly charges the Li-ion battery pack.
The BC-213 is used with a power 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, if a point after the temperature goes out of the specified range, the charging will automatically stop.

Rapid charging the BC-214

The BC-214 MULTICHARGER (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.