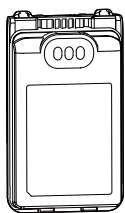


VHF/UHF DIGITAL TRANSCEIVERS

IC-F52D IC-F62D

Supplied accessories

Battery pack



Belt clip



Connector cover
(with a screw)



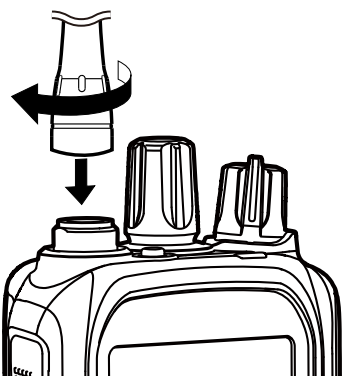
NOTE:

- Some accessories are not supplied, or the shape is different, depending on the transceiver version.
- Confirm both battery sliding locks are locked in place, when attaching the battery to the transceiver. Both sliding locks make a 'click' sound when locked.

Attaching accessories

◇ Flexible antenna

Connect the required flexible antenna to the antenna connector.



CAUTION:

- **DO NOT** carry the transceiver by holding only the antenna.
- **DO NOT** connect an antenna other than those listed in the INSTRUCTIONS.
- Transmitting without an antenna may damage the transceiver.

Thank you for choosing this Icom product. **READ ALL INSTRUCTIONS** carefully and completely before using this product.

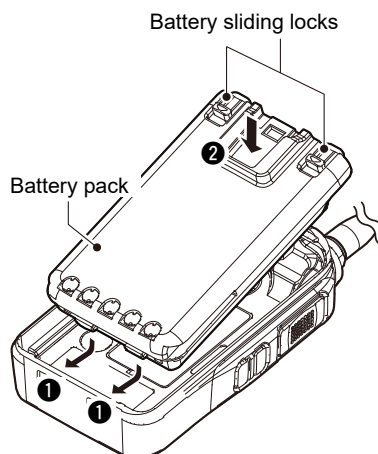
This guide describes about the IC-F52D/IC-F62D's accessories and option details.

◇ Battery pack

CAUTION: DO NOT attach or detach the battery pack when the transceiver is wet or soiled. This may result in water or dust getting into the transceiver/battery pack and may damage the transceiver.

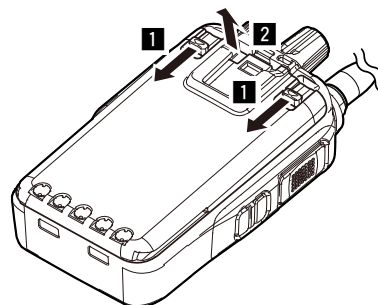
To attach:

1. Slide the battery pack in the direction of the arrow. (1)
2. Push the battery pack until the battery sliding locks make a 'click' sound. (2)



To detach:

1. Push both battery sliding locks in the direction of the arrow. (1)
 - The battery pack is then released.
2. Lift up to detach the battery pack. (2)

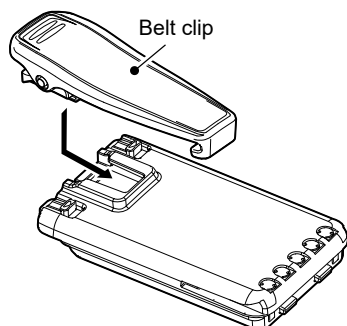


NOTE: Keep the battery pack terminals clean. It's a good idea to occasionally clean them.

◇ Belt clip

To attach:

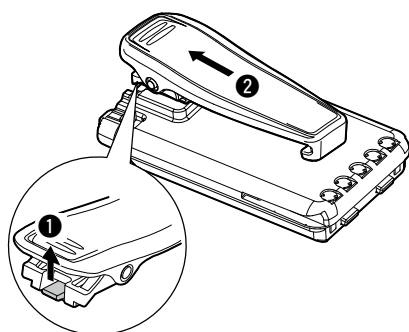
1. Remove the battery pack from the transceiver, if it is attached.
2. Slide the belt clip in the direction of the arrow until the belt clip is locked and makes a 'click' sound.



To detach:

Lift the tab up (1), and slide the belt clip in the direction of the arrow (2).

BE CAREFUL! DO NOT break your fingernail.

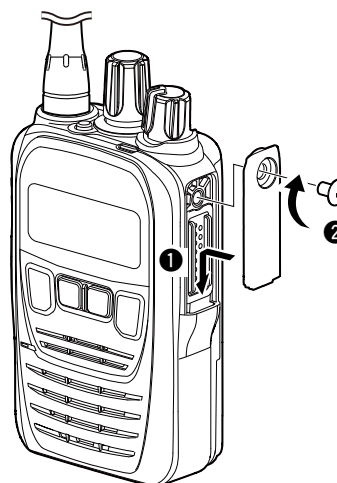


◇ Connector cover

CAUTION: BE SURE to attach the connector cover when an optional device is not in use. Otherwise the terminals of the multi-connector may be shorted by a metal object, or become rusty by water intrusion. This could damage the transceiver.

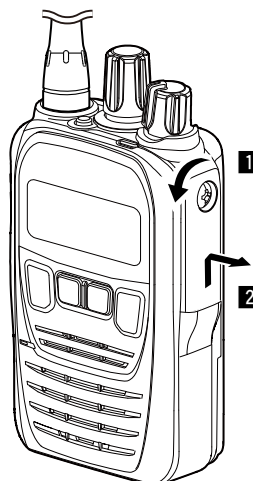
To attach:

1. Attach the connector cover over the multi-connector. (1)
2. Tighten the screw. (2)



To detach:

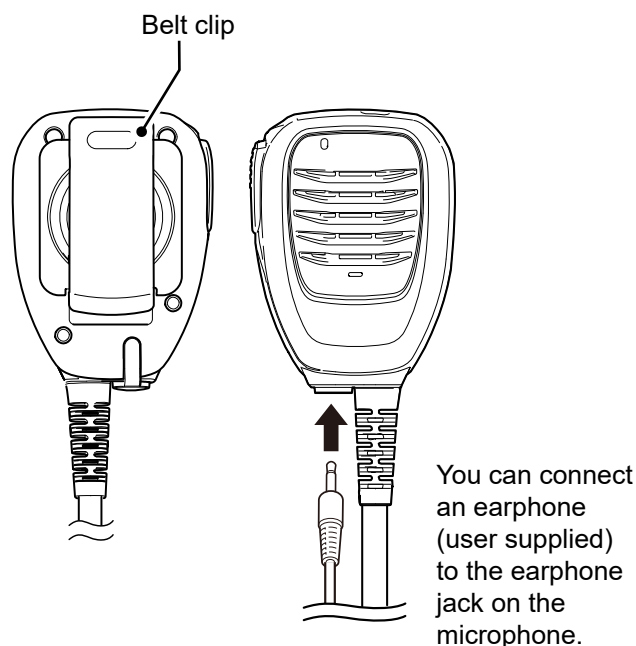
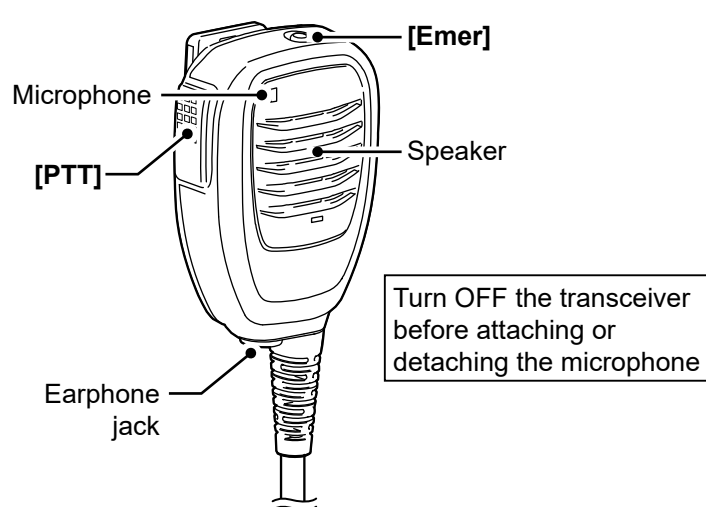
1. Remove the screw. (1)
2. Detach the connector cover, and then connect an optional device. (2)



Options

◇ HM-222/HM-222H SPEAKER MICROPHONE

- ① High audio output of the HM-222H is only usable with transceivers that support the function.
(With "U" mark on the serial number label.)



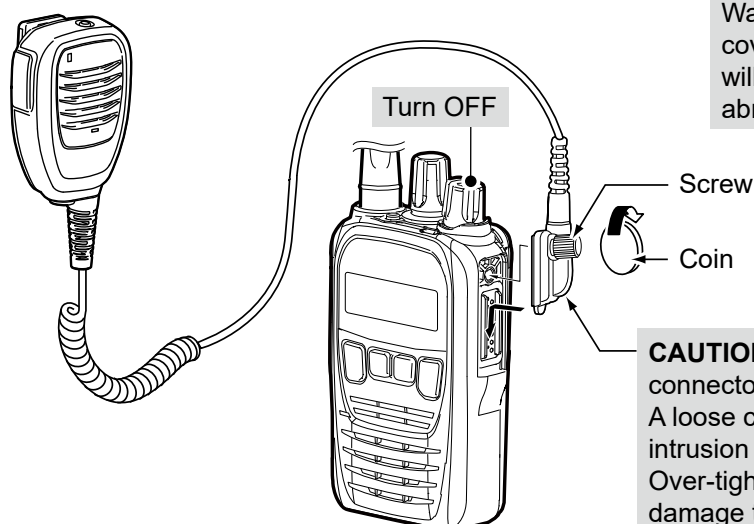
NOTE:

- **NEVER** immerse the connector in water. If the connector becomes wet, **BE SURE** to dry it before attaching to the transceiver.
- The microphone element is located at the top left of the speaker microphone, as shown in the illustration above. To maximize the readability of your transmitted audio, hold the microphone approximately 5 to 10 cm (2 to 4 inches) from your mouth, and then speak at your normal voice level.

CAUTION: The HM-222 and HM-222H meet IP68 requirement for dust-tight and waterproof protection only when the earphone jack cover is firmly closed. The microphone does NOT meet dust-tight and waterproof protection if an earphone is attached.

To attach:

Attach the connector of the speaker microphone to the multi connector on the transceiver and tighten the screw.

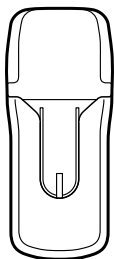


NOTE: KEEP the connector cover attached to the transceiver when the speaker microphone is not in use.

Water will not get into the transceiver, even if the cover is not attached. However, the terminals (pins) will become rusty, or the transceiver will function abnormally if the connector becomes wet.

CAUTION: Firmly attach to the multi connector, but do not overtighten. A loose connection will allow water intrusion into the connector. Over-tightening the connection can damage the transceiver.

◇ MB-136 BELT CLIP



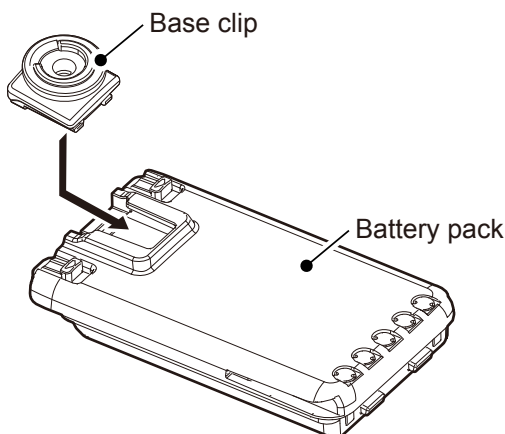
Belt clip



Base clip

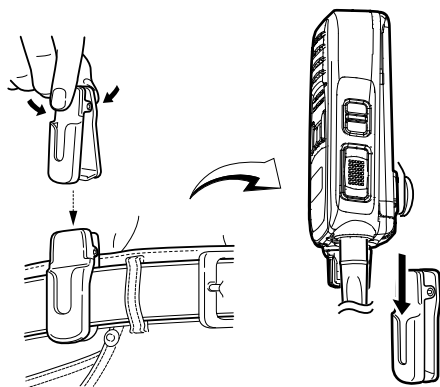
To attach:

1. Detach the battery pack, if attached.
2. Slide the base clip in the direction of the arrow until the clip locks and makes a "click" sound.



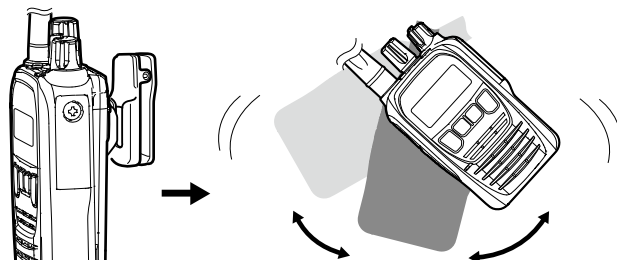
3. Attach the battery pack to the transceiver.
4. Clip the belt clip on your belt.
5. Insert the transceiver upsidedown into the belt clip until the base clip is fully inserted in the groove.

NOTE: Hold the transceiver firmly when inserting the transceiver into the belt clip.



6. Once the transceiver is locked in place, it swivels, as shown below.

NOTE: If the transceiver has been accidentally dropped and the base clip is scratched or damaged, the transceiver may not be properly attached to the holder or swivel.

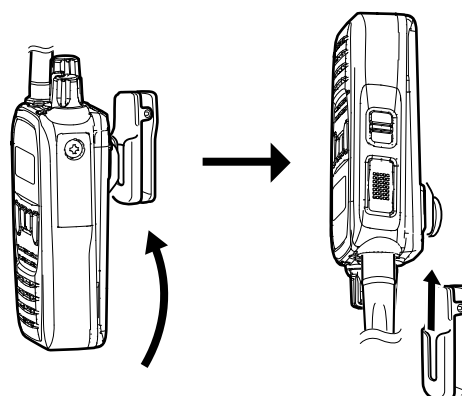


Once the transceiver is locked on place, it swivels 360 degrees.

To detach:

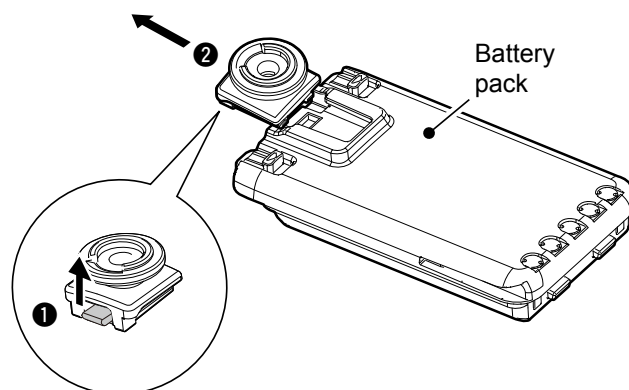
1. Turn the transceiver upsidedown in the direction of the arrow and pull it out of the belt clip.

NOTE: Hold the transceiver firmly when removing the transceiver from the belt clip.



2. Detach the battery pack.
3. Lift up the tab on the base clip (1), and then slide the clip in the direction of the arrow (2).

BE CAREFUL! DO NOT break your fingernail.



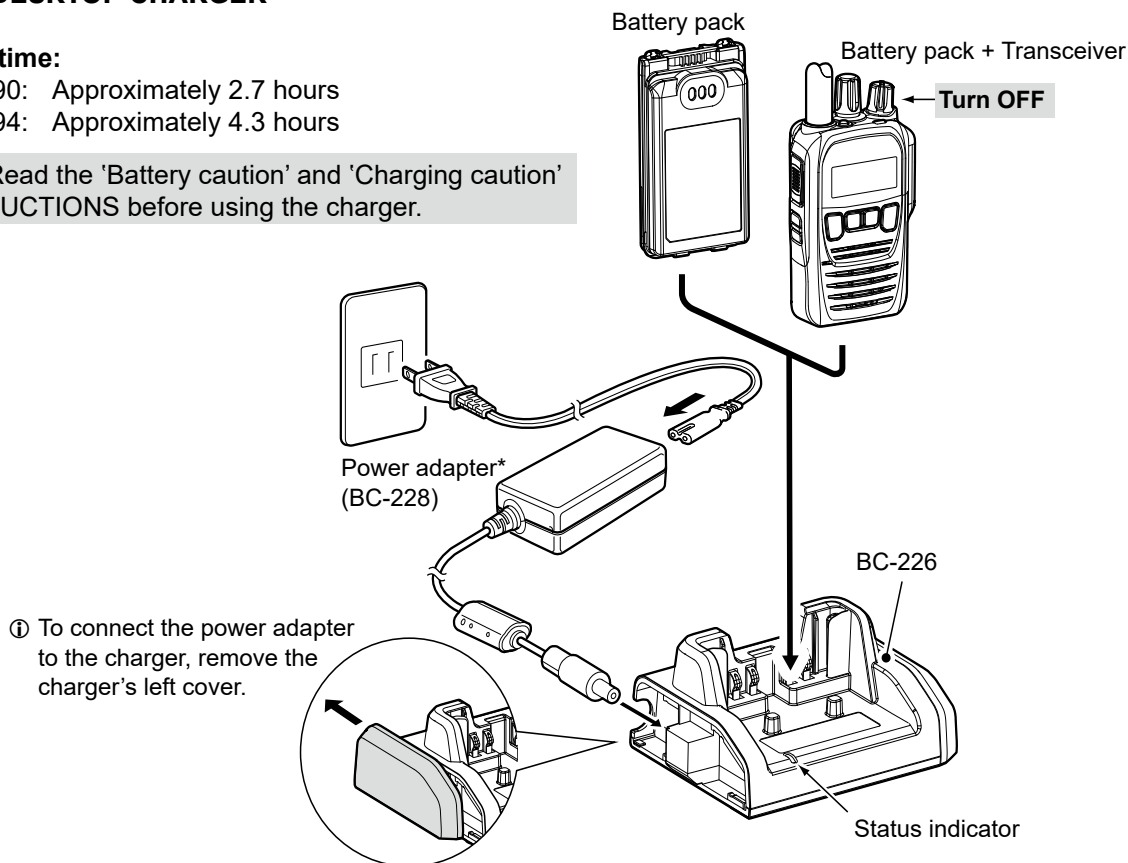
◇ BC-226 DESKTOP CHARGER

○ Charging time:

For the BP-290: Approximately 2.7 hours

For the BP-294: Approximately 4.3 hours

CAUTION: Read the 'Battery caution' and 'Charging caution' in the INSTRUCTIONS before using the charger.



* May not be supplied, or the shape may be different, depending on the version.

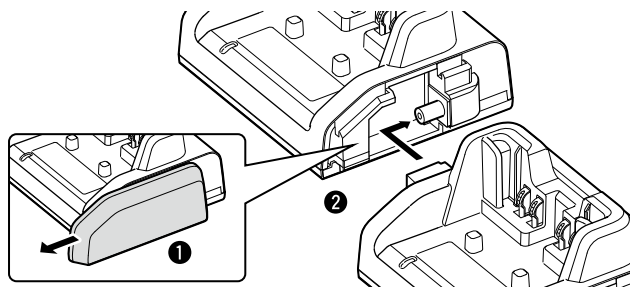
NOTE:

- The transceiver **MUST** be turned OFF while charging. Otherwise:
 - The battery will not be charged properly.
 - The battery life may be shortened.
- Do not transmit while charging. When you need to transmit, remove the transceiver from the charger, and then turn ON the power.
- If the battery pack does not properly charge when it is attached to the transceiver, remove it from the transceiver and insert only the battery pack into the charger.

○ Connecting BC-226 together

You can connect up to 6 BC-226 together.

- Remove the charger's right cover. ①
- Snap the DC power plug to the another charger's DC power jack. ②



WARNING: DO NOT connect more than 6 chargers together. It may result in an electric shock, cause a fire, overheating, or damage chargers.

○ Status indicator information

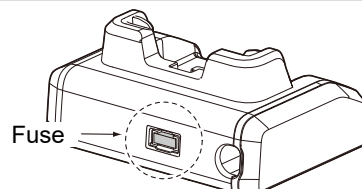
Light color	Status
Orange	Charging
Green	Charging is completed.
Blinks orange and green	Charging failed. It may have some problems.

○ Fuse replacement

If a fuse blows, find and repair the cause of the problem. Then replace the damaged fuse with a new, adequately rated fuse.

Fuse type: 5 A/58 V (low profile mini blade fuse)

NOTE: Remove the fuse using the needle-nose pliers.

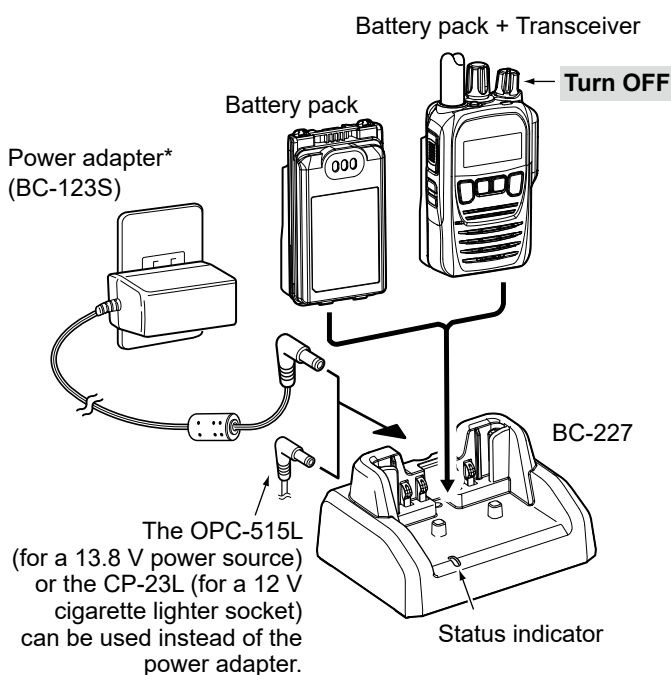


○ BC-226 Specifications

- Dimensions (projections not included):
 106.5 (W) × 49 (H) × 78 (D) mm,
 4.2 (W) × 1.9 (H) × 3.1 (D) inches
 When 6 chargers are connected together
 542 (W) × 49 (H) × 78 (D) mm,
 21.3 (W) × 1.9 (H) × 3.1 (D) inches
 - Weight (approximately):
 120 g, 4.2 oz
 When 6 chargers are connected together
 640 g, 22.6 oz
 - Charging temperature range: 15°C ~ 40°C, 59°F ~ 104°F
 - Power supply requirement: 12 ~ 16 V DC or the specified power adapter (BC-228)
- ① All stated specifications are subject to change without notice or obligation.

◇ BC-227 DESKTOP CHARGER

CAUTION: Before using the charger, read the 'Battery caution' and 'Charging caution' in the INSTRUCTIONS.



○ Additionally required item (purchase separately)

A power adapter or the OPC-515L/CP-23L DC POWER CABLES.

CAUTION: DO NOT reverse the polarity when connecting the OPC-515L to a power source. This will ruin the battery charger.

White line: ⊕, Black: ⊖

○ Charging time

For the BP-290: Approximately 2.7 hours

For the BP-294: Approximately 4.5 hours

○ Status indicator information

Light color	Status
Orange	Charging
Green	Charging is completed.
Blinks orange and green	Charging failed. It may have some problems.

* The shape may be different, depending on the version.

NOTE:

- To protect the battery, the BC-227 will charge a Li-ion battery pack to only approximately 80% of its capacity, and the operating time will be shorter. If you want to fully charge the battery pack, use other Icom charger instead of the BC-227. Ask your dealer for details.
- After charging has completed, the BC-227 will automatically recharge a Li-ion battery pack when the battery voltage decreases to approximately 8 V. If the battery pack is often left in the BC-227 for long periods of time, the battery life cycle will be shortened.

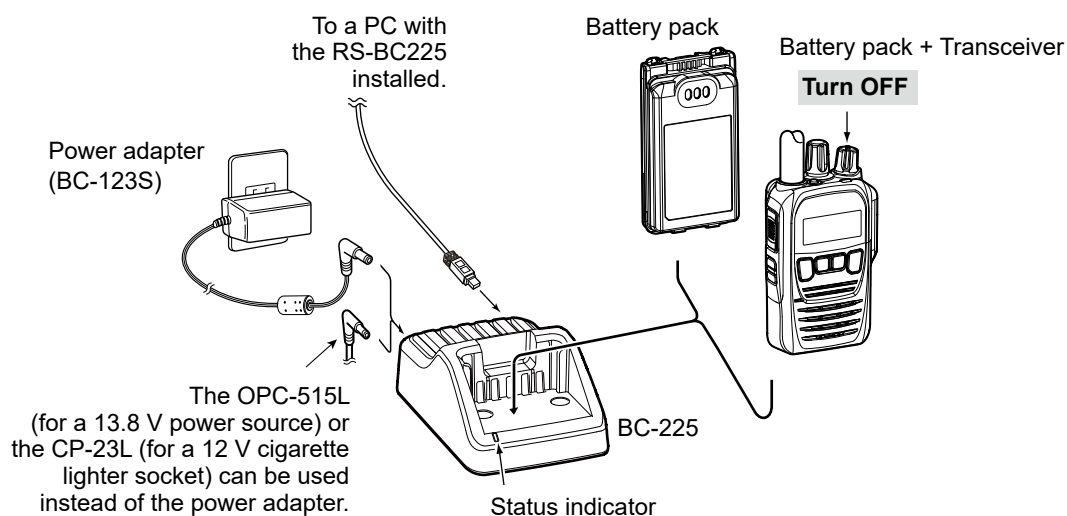
○ BC-227 Specifications

- Dimensions (projections not included): 94.8 (W) × 48.6 (H) × 72.4 (D) mm,
 3.7 (W) × 1.9 (H) × 2.9 (D) inches
 - Weight (approximately): 135 g, 4.8 oz
 - Charging temperature range: 15°C ~ 40°C, 59°F ~ 104°F
 - Power supply requirement: 12 ~ 16 V DC or the specified power adapter (BC-123S)
- ① All stated specifications are subject to change without notice or obligation.

◇ BC-225 INTELLIGENT DESKTOP CHARGER

(except for the EUR version)

You can check the charging status using the RS-BC225 READER SOFTWARE.



○ Additionally required item (purchase separately):

A power adapter or the OPC-515L/CP-23L DC POWER CABLES.

CAUTION: DO NOT reverse the polarity when connecting the OPC-515L to a power source. This will ruin the battery charger.

White line: ⊕, Black: ⊖

○ Charging time

For the BP-290: Approximately 2.5 hours

For the BP-294: Approximately 4 hours

○ Status indicator information

Light color	Status
Orange	Charging
Blue	Charging is completed.
Green	Charging is completed in Eco Mode.*
Blinks orange and green	Charging failed. It may have some problems.

* The battery will be charged to approximately 80 ~ 90%, the level not to shorten the battery's life. The Eco Mode can be enabled by using the RS-BC225.

NOTE:

- The transceiver **MUST** be turned OFF while charging. Otherwise:
 - The battery will not be charged correctly.
 - The battery life may be shortened.
- DO NOT** transmit while charging. When you need to transmit, remove the transceiver from the charger, and then turn ON the power.
- If the battery pack does not properly charge when it is attached to the transceiver, remove it from the transceiver and insert only the battery pack into the charger.
- After charging is completed, the BC-225 will automatically recharge a battery pack when the battery voltage decreases. When the battery pack is often left in the BC-225 for long periods of time, the battery life cycle will be shorter.

○ BC-225 Specifications

- Dimensions (projections not included): 75 (W) × 48.7 (H) × 115.3 (D) mm,
3 (W) × 1.9 (H) × 4.5 (D) inches
- Weight (approximately): 155 g, 5.5 oz
- Charging temperature range: 15°C ~ 40°C, 59°F ~ 104°F
- Power supply requirement: 12 ~ 16 V DC or the specified power adapter (BC-123S)
- ① All stated specifications are subject to change without notice or obligation.