°COM®

VHF TRANSCEIVER
IC-F15/S
UHF TRANSCEIVER
IC-F25/S

Icom Inc.

FOREWORD

READ ALL INSTRUCTIONS carefully and completely before using the transceiver.

SAVE THIS INSTRUCTION MANUAL— This instruction manual contains important operating instructions for the IC-F15/F15S VHF TRANSCEIVER and IC-F25/F25S UHF TRANSCEIVER.

EXPLICIT DEFINITIONS

WORD	DEFINITION
⚠WARNING	Personal injury, fire hazard or electric shock may occur.
CAUTION	Equipment damage may occur.
NOTE	If disregarded, inconvenience only. No risk of personal injury, fire or electric shock.

OPERATING NOTES

• When transmitting with a portable radio, hold the radio in a vertical position with its microphone 5 to 10 centimeters away from your mouth. Keep the antenna at least 2.5 centimeters from your head and body.
• If you wear a portable two-way radio on your body, ensure that the antenna is at least 2.5 centimeters from your body when transmitting.

PRECAUTION

⚠ **WARNING! NEVER** hold the transceiver so that the antenna is very close to, or touching exposed parts of the body, especially the face or eyes, while transmitting. The transceiver will perform best if the microphone is 5 to 10 cm away from the lips and the transceiver is vertical.

⚠ **WARNING! NEVER** operate the transceiver with a headset or other audio accessories at high volume levels.

CAUTION! NEVER short the terminals of the battery pack.

NEVER connect the transceiver to a power source other than the BP-230, BP-231 or BP-232. Such a connection will ruin the transceiver.

DO NOT push the PTT when not actually desiring to transmit.

AVOID using or placing the transceiver in direct sunlight or in areas with temperatures below –25°C or above +55°C.

DO NOT modify the transceiver for any reason.

MAKE SURE the flexible antenna and battery pack are securely attached to the transceiver, and that the antenna and battery pack are dry before attachment. Exposing the inside of the transceiver to water will result in serious damage to the transceiver.

The use of non-Icom battery packs/chargers may impair transceiver performance and invalidate the warranty.

TABLE OF CONTENTS

1

■ Supplied accessories

The following accessories are supplied: Qty.
q Flexible antenna 1
w Battery pack 1
e Belt clip 1
r Unit cover (double-sided tape)* 1
t Jack cover (with screws) ....1 set
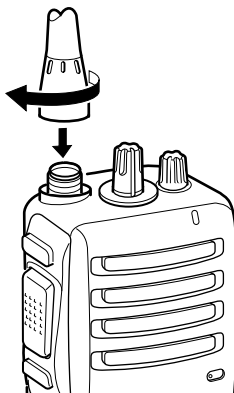* Use the unit cover as a spare. Ask your dealer for details.
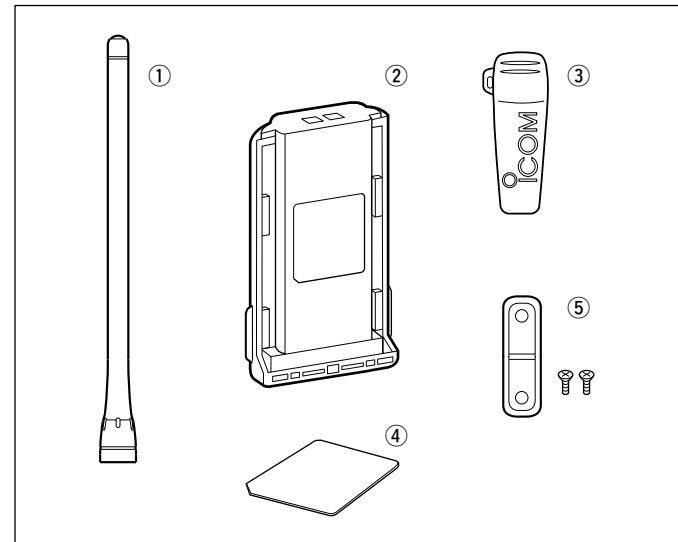
■ **Accessory attachments**

◇ **Flexible antenna**

Connect the supplied flexible antenna to the antenna connector.

CAUTION:
• **NEVER HOLD** by the antenna when carrying the transceiver.
• Transmitting without an antenna may damage the transceiver.

◇ **Battery pack**

To attach the battery pack:

Slide the battery pack on the back of the transceiver in the direction of the arrow (❶), then lock it with the battery release button.
• Slide the battery pack until the battery release button makes a 'click' sound.

To release the battery pack:

Push the battery release button in the direction of the arrow (❷) as shown below. The battery pack is then released.

NEVER release or attach 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 result in the transceiver being damaged.
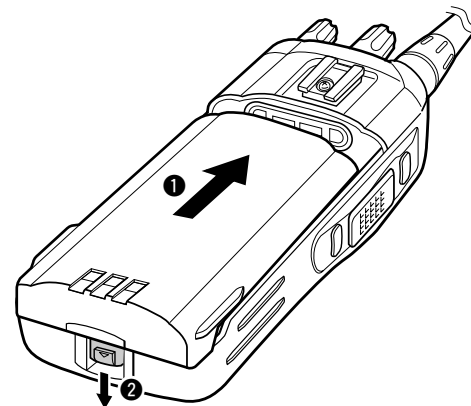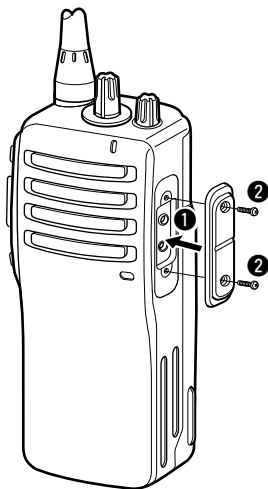
◇ Jack cover

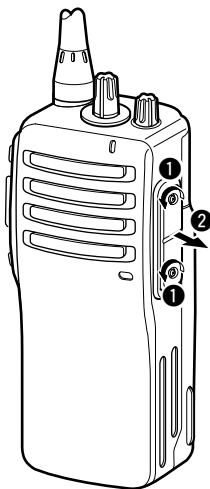Attach the jack cover when the optional speaker-microphone is not used.

To attach the jack cover:

❶ Attach the jack cover to the [SP MIC] connector.

❷ Tighten the screws.

To detach the jack cover:

❶ Unscrew the screws with a phillips screwdriver.

❷ Detach the jack cover for the speaker-microphone connection.

1

◇ Belt clip

To attach the belt clip:

① Release the battery pack 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.
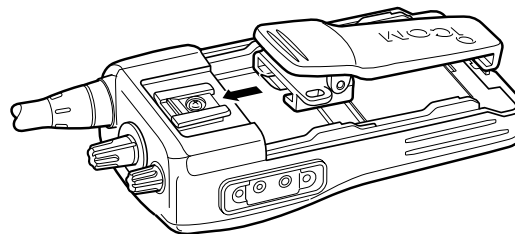
To detach the belt clip:

① Release the battery pack if it is attached.

② Pinch the clip (❶), and slide the belt clip in the direction of the arrow (❷).

2 PANEL DESCRIPTION

■ Front, top and side panels

❶ IC-F15S/F25S IC-F15/F25

Speaker

Microphone

❶ CHANNEL SW/SELECTOR
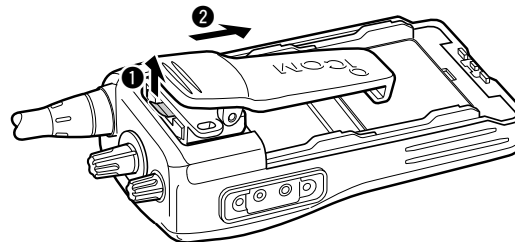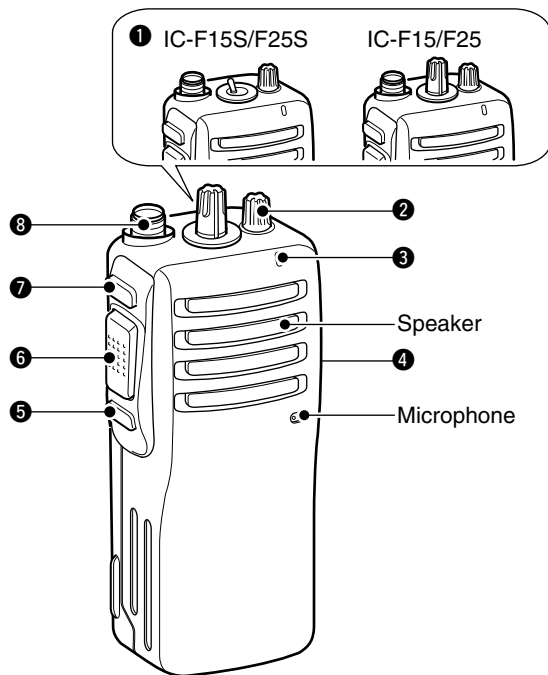• IC-F15S/F25S: Toggle the channel switch to select the pre-pro-grammed channel 1 or 2.
• IC-F15/F25 : Rotate the channel selector to select the pre-programmed memory channels.

❷ VOLUME CONTROL [VOL]
Rotate to turn the power ON/OFF and adjust the audio level.

❸ LED INDICATOR (p. 8)
➥ Lights red while transmitting.
➥ Lights green while receiving a signal, or when the squelch is open.
➥ Lights/blinks orange when the matched 2/5-tone code is received, according to the pre-programming.

❹ SPEAKER-MICROPHONE CONNECTOR [SP MIC]
Connects the optional speaker-microphone. (p. 31)
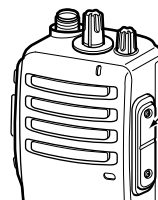
[SP MIC] jack cover
NOTE: Attach the [SP MIC] jack cover when the optional speaker-microphone is not used. (p. 4)

❺ DEALER-PROGRAMMABLE KEY [Lower]
The desired function can be assigned by your dealer. (p. 9)

❻ PTT SWITCH [PTT]
Push and hold to transmit; release to receive.

❼ DEALER-PROGRAMMABLE KEY [Upper]
The desired function can be assigned by your dealer. (p. 9)
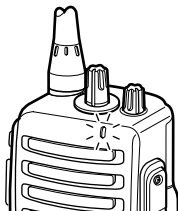
❽ ANTENNA CONNECTOR
Connects the supplied antenna.

◇ Programmable key reference

Upper	
Lower	

■ LED indicator

The LED indicator indicates several informa-
tion as follows;
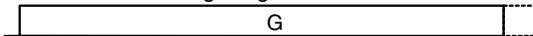(Ref.; R=Red, G=Green, O=Orange)
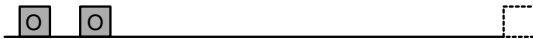
• TX: Turns Red while transmitting a signal.

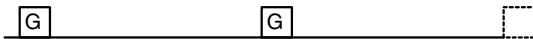| R |
|---|

• RX: Turns Green while receiving a signal.

G

• Call LED (ON): When receiving a matched 2/5-tone.

O O	

• Call LED (Blink): When receiving a matched 2/5-tone.

O		O	

• Fast/Slow scan: Blinks while Fast/Slow scan is activated.

G		G	

• Low BATT1: You should charge the battery. (blinks slowly)

	G		G

• Low BATT2: You must charge the battery. (blinks fast)

G		G		G		G
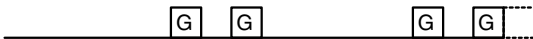
• TX low BATT2: Low BATT2 was detected during TX mode.

R		R		R		R	

• CH err: Non-programmed channel is selected.

R	O	R	O	R	O	R	O	R	O	R	O	R	O	R	O

2

■ Programmable function keys

The following functions can be assigned to **[Upper]** and **[Lower]**
programmable function keys.
Consult your Icom dealer or system operator for details concerning
your transceivers programming.
If the programmable function names are bracketed in the following
explanations, the specific key used to activate the function depends
on programming.

SCAN A KEY
➥ This key's operation depends on the Power ON Scan setting.
   When the power ON scan function is turned OFF;
   Push to start and cancel scanning operation. In case of trans-
   mission during scan, cancels scanning.
   When the power ON scan function is turned ON;
   Push to pause scanning. Scanning resumes after passing a
   specified time period. In case of transmission during scan,
   pauses scanning. Scanning resumes after passing a specified
   time period.

SCAN B KEY
Push to start and cancel scanning operation. In case of transmis-
sion during scan, pauses scanning. Scanning resumes after pass-
ing a specified time period.

PRIORITY CHANNEL KEYS
➥ Push to select the Priority A or Priority B channel.
➥ Push and hold **[Prio A (Rewrite)]** to rewrite the Prio A channel.

MR-CH 1/2/3/4 KEYS
Push to select a memory channels 1 to 4 directly.
NOTE: The memory channels 3 and 4 are available for IC-
F15S/F25S when **[MR-CH 3]** and **[MR-CH 4]** keys are assigned.

MONITOR KEY
➥ Mute and release the CTCSS (DTCS) or 2-tone squelch mute. Open any squelch/deactivate any mute while pushing this key. (LMR operation only)
➥ Activates one of (or two of) the following functions on each channel independently: (PMR operation only)
  • Push and hold to un-mute the channel (audio is emitted; 'Audible' condition).
  • Push to mute the channel (sets to 'Inaudible' only).
  • Push to un-mute the channel (sets to 'Audible' only).
  • Push after the communication is finished to send a 'reset code'.
  NOTE: The un-mute condition ('Audible' condition) may automatically return to the mute condition ('Inaudible' condition) after a specified period.

LOCK KEY
Push and hold to electronically lock all programmable keys except the following:
[Call] (incl. Call A and Call B), **[Moni(Audi)]** and **[Emergency]** keys.

OUTPUT POWER SELECTION KEY
Select the transmit output power temporarily or permanently, depending on the pre-setting.
• Ask your dealer for the output power level for each selection.

TALK AROUND KEY
➥ Push to turn the talk around function OFF.
➥ Push and hold to turn the talk around function ON.
  • The talk around function equalizes the transmit frequency to the receive frequency for transceiver-to-transceiver communication.

WIDE/NARROW KEY
➥ Push to select the IF bandwidth to wide.
  • The wide passband width can be selected from 25.0 or 20.0 kHz using the CS-F14 CLONING SOFTWARE (PMR operation only.) Ask your dealer for details.
➥ Push and hold to select the IF bandwidth to narrow.

2

DTMF AUTODIAL KEY
Push to transmit the programmed DTMF code.

CALL KEYS
Push to transmit a 2/5-tone code.
• Call transmission is necessary before you call another station depending on your signalling system.
• **[Call A]** and/or **[Call B]** keys may be available when your system employs selective 'Individual/Group' calls. Ask your dealer which call is assigned to each key.

EMERGENCY KEYS
➥ Push and hold to transmit an emergency call.
➥ When **[Emergency Single (Silent)]** or **[Emergency Repeat (Silent)]** is pushed, an emergency call is transmitted without a beep emission.
  • If you want to cancel the emergency call, push (or push and hold) the key again before transmitting the call.
  • The emergency call is transmitted one time only or repeatedly until receiving a control code depending on the pre-setting.

VOICE SCRAMBLER FUNCTION KEYS
➥ Push to turn the voice scrambler function OFF.
➥ Push and hold to turn the voice scrambler function ON.

OPT OUT KEYS
➥ Push to inactivate the connected output signal level.
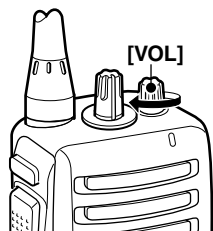➥ Push and hold to activate the connected output signal level.

SIREN KEY
Push to emit a siren. This function can be used for situations other than an emergency alert such as a security alarm for example.

3 CONVENTIONAL OPERATION
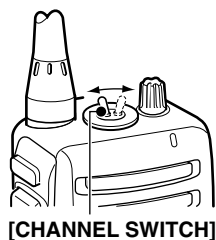
■ Turning power ON

➥ Rotate **[VOL]** to turn power ON.

[VOL]

## ■ Channel selection

IC-F15S/F25S:
Toggle **[CHANNEL SWITCH]** to select the channel 1 or 2, or, push one of **[MR-CH 1]** to **[MR-CH 4]** key to select a channel directly.
• The memory channels 3 and 4 are available when **[MR-CH 3]** and **[MR-CH 4]** keys are assigned.

[CHANNEL SWITCH]

IC-F15/F25:
Rotate **[CHANNEL SELECTOR]** to select the desired operating channel, in sequence; or, push one of **[MR-CH 1]** to **[MR-CH 4]** key to select a channel directly.

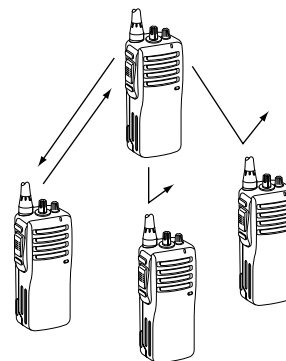**[CHANNEL SELECTOR]**
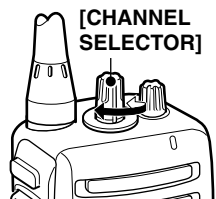
AUTOMATIC SCAN TYPE:
Channel setting is not necessary for this type. When turning the power ON, the transceiver automatically starts scanning. Scanning stops when receiving a call.

■ Call procedure

When your system employs tone signalling (excluding CTCSS and DTCS), the call procedure may be necessary prior to voice transmission. The tone signalling employed may be a selective calling system which allows you to call specific station(s) only and prevent unwanted stations from contacting you.

① Select the desired TX code channel or 2/5-tone code according to your System Operator's instructions.
• This may not be necessary depending on programming.
② Push the call key (assigned to one of the dealer programmable keys.) (p. 11)
③ After transmitting a 2/5-tone code, the remainder of your communication can be carried out in the normal fashion.

Selective calling   *Non-selective calling*
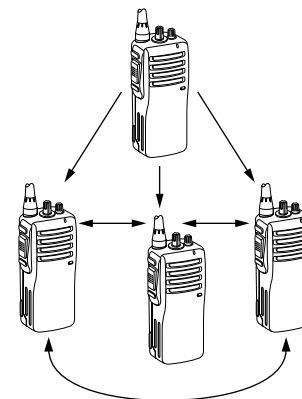
■ Receiving and transmitting

NOTE: Transmitting without an antenna may damage the transceiver. See p. 2 for antenna attachment.

Receiving:
① Rotate **[VOL]** to turn power ON.
② Toggle **[CHANNEL SWITCH]** (IC-F15S/F25S), rotate **[CHANNEL SELECTOR]** (IC-F15/F25) or push one of **[MR-CH 1]** to **[MR-CH 4]** key to select a channel.
For IC-F15S/F25S:
The memory channels 3 and 4 are available when **[MR-CH 3]** and **[MR-CH 4]** keys are assigned.
③ When receiving a call, adjust the audio output level to a comfortable listening level.

Transmitting:
Wait for the channel to become clear to avoid interference.
① While pushing and holding **[PTT]**, speak into the microphone at a normal voice level.
• When a tone signalling system is used, the call procedure described on p. 13 may be necessary.
② Release **[PTT]** to return to receive.

IMPORTANT!: To maximize the readability of your signal;
1. Pause briefly after pushing **[PTT]**.
2. Hold the microphone 5 to 10 cm from your mouth, then speak into the microphone at a normal voice level.

◇ Transmitting notes
• Transmit inhibit function
The transceiver has several inhibit functions which restrict transmission under the following conditions:
- The channel is in mute condition.
- Channel is busy.
- Un-matched (or matched) CTCSS is received.
- The selected channel is a 'receive only' channel.

• Time-out timer
After continuous transmission for the pre-programmed time period, the time-out timer activates, and causes the transceiver to stop transmitting.

• Penalty timer
Once the time-out timer activates, transmission is further inhibited for a period determined by the penalty timer.

◇ DTMF transmission
If the transceiver has **[DTMF Autodial]** assigned to it, the automatic DTMF transmission function is available.

➥ Push **[DTMF Autodial]** to transmit the DTMF code.

■ Scrambler function

The optional voice scrambler units UT-109 (#01) and UT-110 (#01) provide high performance private communication between stations with the same scrambler codes.

➥ Push and hold **[Scrambler]** to turn the scrambler function ON.
➥ Push **[Scrambler]** to turn the scrambler function OFF.

■ Setting the squelch level

The squelch circuit mutes the received audio signal depending on the signal strength.

① While pushing **[PTT]** and **[Lower]**, rotate **[VOL]** to turn the power ON to enter the squelch level adjustment mode.
② Push **[Upper]** to increase the squelch level (tight squelch) or **[Lower]** to decrease the squelch level (loose squelch).
③ Rotate **[VOL]** to turn the power OFF to fix the squelch level.

[VOL]
[Upper]
[PTT]
[Lower]
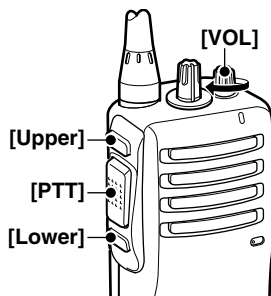
■ Man Down Emergency Call

The man down emergency call function transmits an emergency call automatically, after the transceiver laying down in a horizontal position for a pre-set time period. (The optional UT-113 MAN DOWN UNIT is required.)

After the emergency call, the transceiver performs transmission and reception alternately with the following conditions:
   - Transmits the microphone signals.
   - Receives the signal and emits audio.

When the emergency cancel code is received, the function is cancelled.

IMPORTANT!: Set an emergency channel individually, to provide certain emergency call operation is recommended.
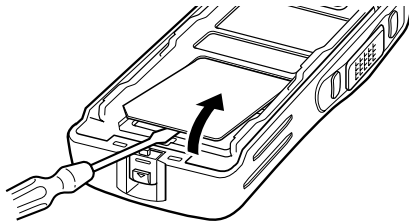
4 OPTIONAL UNIT INSTALLATION
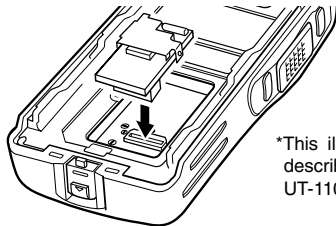
■ Optional unit installation

Install the optional unit as follows:

① Rotate **[VOL]** to turn the power OFF, and remove the battery pack. (p. 3)

② Remove the unit cover.

> **NOTE:** Use a flat head screw driver or a similar flat instrument, and insert into the hollow of the chassis, then lift and take away the unit cover. (The removed cover cannot be used again.)

③ Install the unit as shown below.

*This illustration is described with the UT-110.

④ Replace the unit cover and the battery pack, then rotate **[VOL]** to turn the power ON.

> **NOTE:** The optional UT-109/UT-110 SCRAMBLER UNITS requires some PC board modifications. Please refer to the additional installation as at right.

■ Scrambler unit installation

The following PC board modification is required when installing the optional UT-109 or UT-110.

① Rotate **[VOL]** to turn the power OFF, and remove the battery pack. (p. 3)

② Remove the unit cover as shown at left (Optional unit installation.)

③ Cut the pattern on the PCB at the TX mic circuit (MIC) and RX AF circuit (DISC) as shown below.

④ Install the scrambler unit as shown at left (Optional unit installation.)

⑤ Replace the unit cover and the battery pack, then rotate **[VOL]** to turn the power ON.
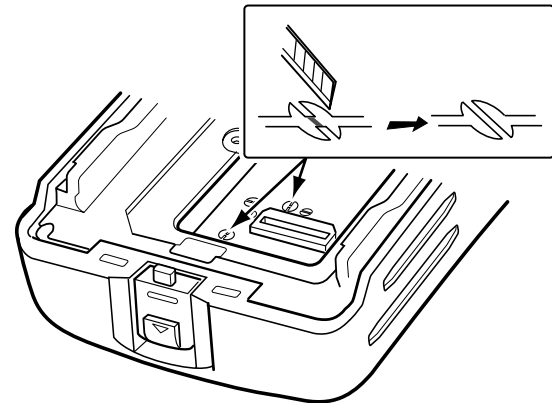
> **NOTE: When uninstalling the scrambler unit**
> Be sure to re-solder the disconnected points at left, otherwise no TX modulation or AF output is available.
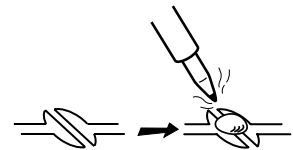
5 BATTERY CHARGING

■ Battery charging

Prior to using the transceiver for the first time, the battery pack must be fully charged for optimum life and operation.

░░**CAUTION:** To avoid damage to the transceiver, turn it OFF while ░░charging.

• Recommended temperature range for charging:
  +10°C to +40°C
  - The Li-Ion battery functions within –20°C to +60°C
• Use the specified chargers (BC-119N, BC-121N and BC-160). **NEVER** use another manufacturer's charger.
• Use the optional AC adapter. **NEVER** use another manufacturer's AC adapter.

Recommendation:
Charge the supplied battery pack for a maximum of up to 10 hours. Li-Ion batteries are different from Ni-Cd batteries in that it is not necessary to completely charge and discharge them to prolong the battery life. Therefore, charging the battery in intervals, and not for extended periods is recommended.

■ Caution

⚠ **DANGER** Charge the specified Icom batteries only.
Only tested and approved for use with genuine Icom batteries. Fire and/or explosion may occur when a third party battery pack or counterfeit product is charged.

CAUTION! NEVER insert battery pack/transceiver (with the battery pack attached) with wet or soiled into the charger. This may result in corrosion of the charger terminals or damage to the charger. The charger is not waterproof and water can easily get into it.

NEVER incinerate used battery packs. Internal battery gas may cause an explosion.

NEVER immerse the battery pack in water. If the battery pack becomes wet, be sure to wipe it dry immediately (particularly the battery terminals) BEFORE attaching it to the transceiver. Otherwise, the terminals will become corroded, or cause connection failure, etc.

NEVER short the terminals of the battery pack. Also, current may flow into nearby metal objects, such as a necklace, etc. Therefore, be careful when carrying with, or placing near metal objects, carrying in handbags, etc.

AVOID leaving the battery pack in a fully charged, or completely discharged condition for long time. It causes shorter battery life. In case of leaving the battery pack unused for a long time, it must be kept safely after discharge, or use the battery until the battery indicator appears, then remove it from the transceiver.
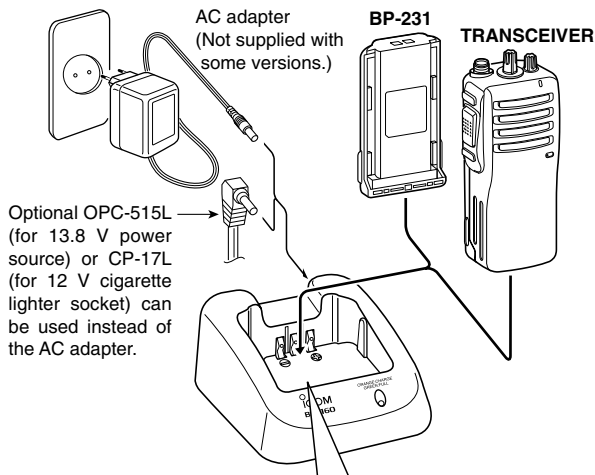
If your battery pack seems to have no capacity even after being charged, fully charge the battery pack again. If the battery pack still does not retain a charge (or very little), a new battery pack must be purchased.

■ **Optional battery chargers**
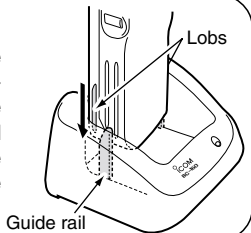
◇ **Rapid charging with the BC-160**

The optional BC-160 provides rapid charging of optional Li-Ion battery packs.

• An AC adapter (may be supplied with BC-160 depending on version) or the DC power cable (OPC-515L/CP-17L) is additionally required.
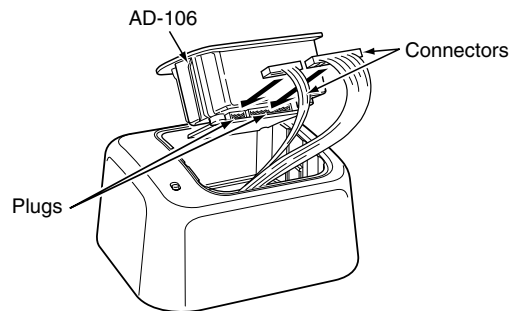

AC adapter
(Not supplied with some versions.)

BP-231

TRANSCEIVER

Optional OPC-515L
(for 13.8 V power source) or CP-17L
(for 12 V cigarette lighter socket) can be used instead of the AC adapter.

IMPORTANT!:
Ensure the guide lobs on the battery pack are correctly aligned with the guide rails inside the charger adapter.

Lobs

Guide rail

◇ **AD-106 installation**

① Install the AD-106 desktop charger adapter into the holder space of the BC-119N/121N.

AD-106

Connectors

Plugs

② Connect the plugs of the BC-119N/BC-121N to the AD-106 with the connector, then install the adapter into the charger with the supplied screws.


Screws supplied with the charger adapter

5
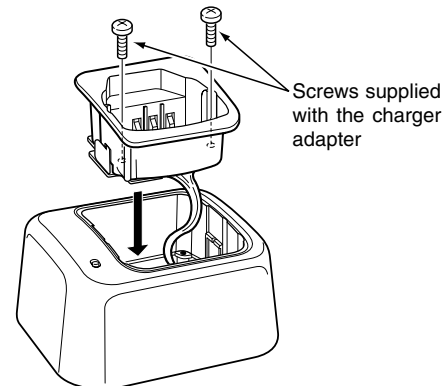
◇ Rapid charging with the BC-119N+AD-106

The optional BC-119N provides rapid charging of optional Li-Ion battery packs.

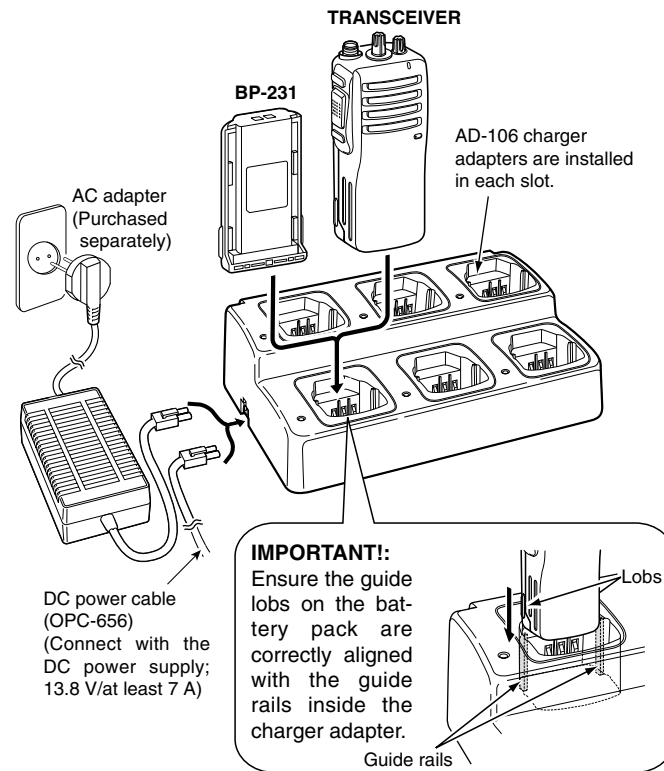The following items are additionally required:
• One AD-106 (purchase separately).
• An AC adapter (may be supplied with BC-119N depending on version) or the DC power cable (OPC-515L/CP-17L).

TRANSCEIVER

BP-231

AC adapter
(Not supplied with
some versions.)

Optional OPC-515L
(for 13.8 V power
source) or CP-17L
(for 12 V cigarette
lighter socket) can
be used instead of
the AC adapter.

AD-106 charger
adapter is installed
in BC-119N.

IMPORTANT!:
Ensure the guide
lobs on the battery
pack are correctly
aligned with the
guide rails inside
the charger adapter.

Lobs

Guide rails
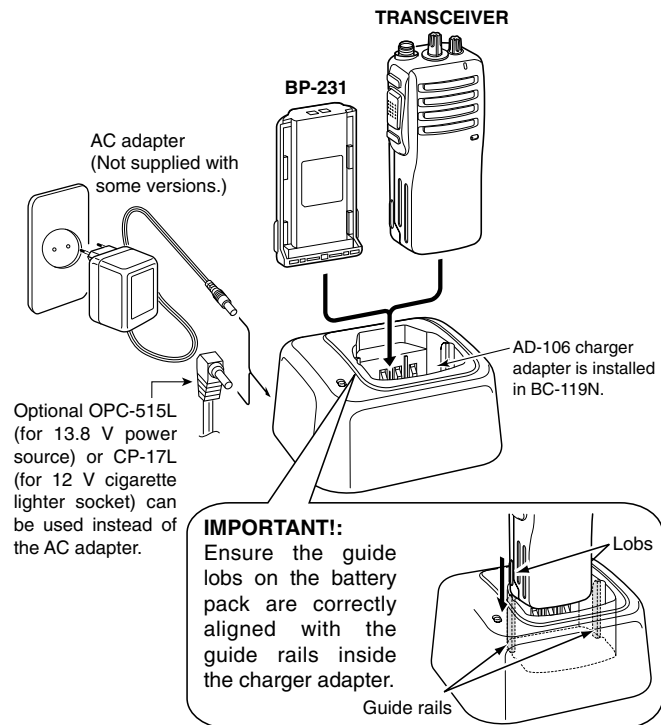
◇ Rapid charging with the BC-121N+AD-106

The optional BC-121N allows up to 6 battery packs to be charged simultaneously. The following items are additionally required.
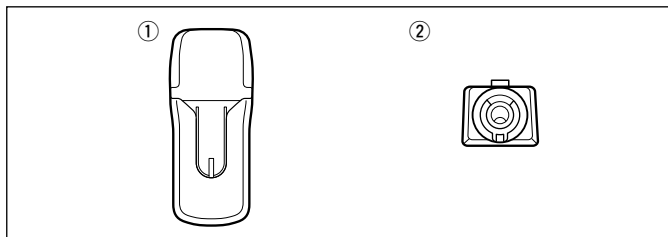• Six AD-106.
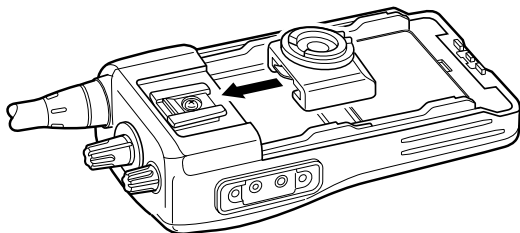• An AC adapter (BC-124) or the DC power cable (OPC-656)

TRANSCEIVER

5

BP-231

AD-106 charger
adapters are installed
in each slot.

AC adapter
(Purchased
separately)

DC power cable
(OPC-656)
(Connect with the
DC power supply;
13.8 V/at least 7 A)

IMPORTANT!:
Ensure the guide
lobs on the bat-
tery pack are
correctly aligned
with the guide
rails inside the
charger adapter.

Lobs

Guide rails

6 SWIVEL BELT CLIP

■ MB-93 contents

Qty.
① Belt clip 1
② Base clip 1

③ Clip the belt clip to a part of your belt. And insert the transceiver into the belt clip until the base clip inserted fully into the groove.
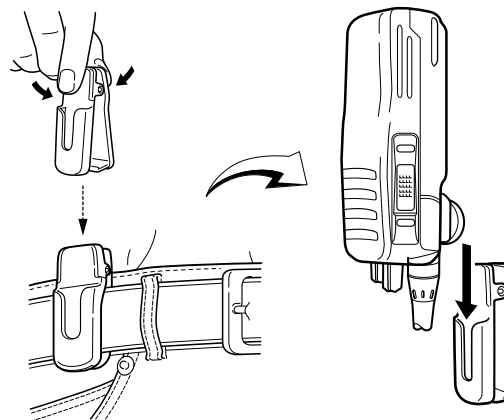
■ To attach
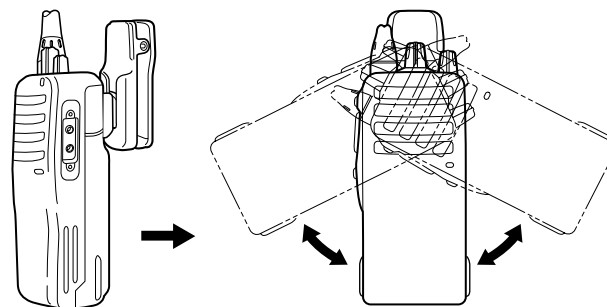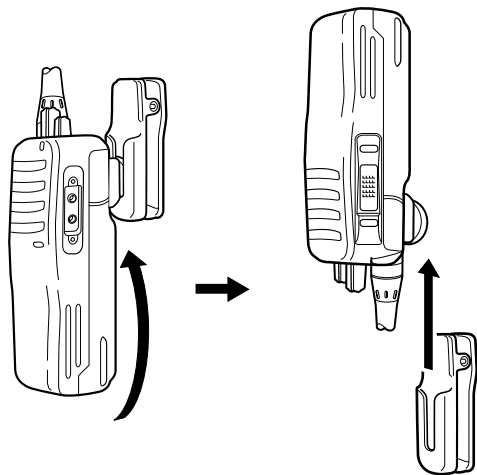
① Release the battery pack if it is attached. (p. 3)
② Slide the base clip in the direction of the arrow until the base clip is locked and makes a 'click' sound.

④ Once the transceiver is locked in place, it swivels as illustrated below.
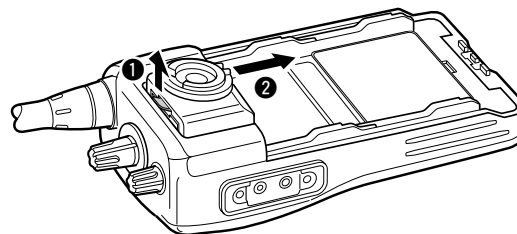
■ **To detach**

① Turn the transceiver upside down in the direction of the arrow and pull out from the belt clip.

② Release the battery pack if it is attached. (p. 3)
③ Pinch the clip (**❶**), and slide the base clip in the direction of the arrow (**❷**).

CAUTION:
HOLD THE TRANSCEIVER TIGHTLY, WHEN HANGING OR DETACHING THE TRANSCEIVER FROM THE BELT CLIP.
Otherwise the transceiver may not be attached to the holder or swivel properly if the transceiver is accidentally dropped and the base clip is scratched or damaged.

7 OPTIONS

◇ **BATTERY PACK**
• **BP-230** Li-Ion BATTERY PACK
  7.4 V/800 mAh Li-Ion battery pack, allows approx. 5.5 hours* operation.
• **BP-231** Li-Ion BATTERY PACK
  7.4 V/1150 mAh Li-Ion battery pack, allows approx. 8 hours* operation. The same as supplied with the transceiver.
• **BP-232** Li-Ion BATTERY PACK
  7.4 V/2000 mAh Li-Ion battery pack, allows approx. 14 hours* operation.
*Typical operation; Tx:Rx:Stand-by duty cycle=5:5:90

◇ **CHARGERS**
• **BC-119N** DESKTOP CHARGER **+ AD-106** CHARGER ADAPTER
  + BC-145 AC ADAPTER
  For rapid charging of battery packs. An AC adapter is supplied with the charger depending on versions. Charging time: approx. 2 hours when BP-231 is attached.
• **BC-121N** MULTI-CHARGER **+ AD-106** CHARGER ADAPTER (6 pcs.)
  + BC-124 AC ADAPTER
  For rapid charging of up to 6 battery packs (six AD-106's are required) simultaneously. An AC adapter should be purchased separately. Charging time: approx. 2 hours when BP-231 is attached.
• **BC-160** DESKTOP CHARGER **+ BC-145** AC ADAPTER
  For rapid charging of battery packs. An AC adapter is supplied with the charger depending on versions. Charging time: approx. 2 hours when BP-231 is attached.

◇ **OPTIONAL UNITS**
• **UT-108** DTMF DECODER UNIT
  Provides pager and code squelch capabilities.
• **UT-109 (#01)/UT-110 (#01)** SCRAMBLER UNITS
  Non-rolling type (UT-109)/Rolling type (UT-110) voice scrambler unit provides higher communication security.
• **UT-113** MAN DOWN UNIT
  Provides a measure of safety when working in a hazardous environment, etc.

◇ **BELT CLIPS**
• **MB-93** SWIVEL BELT CLIP
• **MB-94** BELT CLIP
  Exclusive alligator-type belt clip. The same as supplied with the transceiver.
• **MB-96*/96F** LEATHER BELT HANGER
  *MB-93's base clip is required.

◇ **DC CABLES**
• **CP-17L** CIGARETTE LIGHTER CABLE
  Allows charging of the battery pack through a 12 V cigarette lighter socket. (For BC-119N)
• **OPC-515L/OPC-656** DC POWER CABLES
  Allows charging of the battery pack using a 13.8 V power source instead of the AC adapter.
  OPC-515L: For BC-119N
  OPC-656 : For BC-121N

◇ **OTHER OPTIONS**
• **SP-13** EARPHONE
  Provides clear receive audio in noisy environment.
• **HM-131L** SPEAKER-MICROPHONE
  Combination speaker-microphone that provides convenient operation while hanging the transceiver from your belt.
  HM-131L has a moisture proof construction.
• **HS-94/HS-95/HS-97** HEADSET + **VS-1L** VOX/PTT CASE
  HS-94: Ear hook type   HS-95: Neck-arm type
  HS-97: Throat microphone
  VS-1L: VOX/PTT switch box for hands-free operation, etc.
• **FA-SC73US/FA-SC56VS/FA-SC57VS** STUBBY ANTENNAS
  FA-SC73US: 450–490 MHz   FA-SC56VS: 150–162 MHz
  FA-SC57VS: 160–174 MHz
• **FA-SC25U/FA-SC57U/FA-SC72U/FA-SC25V/FA-SC55V** ANTENNAS
  FA-SC25U: 400–430 MHz   FA-SC57U: 430–470 MHz
  FA-SC72U: 470–520 MHz   FA-SC25V: 136–155 MHz
  FA-SC55V: 146–174 MHz

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

7

CE versions of the IC-F15/S which display the "CE" symbol on the serial number seal, comply with the essential requirements of the European Radio and Telecommunication Terminal Directive 1999/5/EC.

! This warning symbol indicates that this equipment operates in non-harmonised frequency bands and/or may be subject to licensing conditions in the country of use. Be sure to check that you have the correct version of this radio or the correct programming of this radio, to comply with national licensing requirement.

ICOM

DECLARATION OF CONFORMITY

We Icom Inc. Japan
  1-1-32, Kamiminami, Hirano-ku
  Osaka 547-0003, Japan

Declare on our sole responsibility that this equipment complies with the essential requirements of the Radio and Telecommunications Terminal Equipment Directive, 1999/5/EC, and that any applicable Essential Test Suite measurements have been performed.

Kind of equipment: VHF TRANSCEIVER

Type-designation: IC‒F15/S
                          136–174 MHz 12.5 kHz/20 kHz/25 kHz

Version (where applicable):
This compliance is based on conformity with the following harmonised standards, specifications or documents:
i)   EN 301 489-1 v1.3.1 (Sept 2001)
ii) EN 301 489-5 (August 2000)
iii) EN 60950 (August 1992+A11)
iv) EN 300 086-2 (March 2001)
v)   EN 300 219-2 (March 2001)
vi) EN 300 113-2 (March 2001)

CE 0168 !

Düsseldorf 30th June 2004
Place and date of issue

Icom (Europe) GmbH
Himmelgeister straße 100
D-40225 Düsseldorf
Authorized representative name

H. Ikegami
General Manager

Signature
Icom Inc.

ICOM

DECLARATION OF CONFORMITY

We Icom Inc. Japan
  1-1-32, Kamiminami, Hirano-ku
  Osaka 547-0003, Japan

Declare on our sole responsibility that this equipment complies with the essential requirements of the Radio and Telecommunications Terminal Equipment Directive, 1999/5/EC, and that any applicable Essential Test Suite measurements have been performed.

Kind of equipment: UHF TRANSCEIVER

Type-designation: IC‒F25/S
                          400–470 MHz 12.5 kHz/20 kHz/25 kHz

Version (where applicable):
This compliance is based on conformity with the following harmonised standards, specifications or documents:
i)   EN 301 489-1 v1.3.1 (Sept 2001)
ii) EN 301 489-5 (August 2000)
iii) EN 60950 (August 1992+A11)
iv) EN 300 086-2 (March 2001)
v)   EN 300 219-2 (March 2001)
vi) EN 300 113-2 (March 2001)

CE 0168 !

Düsseldorf 30th July 2004
Place and date of issue

Icom (Europe) GmbH
Himmelgeister straße 100
D-40225 Düsseldorf
Authorized representative name

H. Ikegami
General Manager

Signature
Icom Inc.

8

MEMO

Count on us!