ICOM

FULL MANUAL

VHF AIR BAND TRANSCEIVERS

IC-A25N
IC-A25C
IC-A25NE
IC-A25CE

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Icom Inc.

INTRODUCTION

Thank you for choosing this Icom product.
This product is designed and built with Icom's state
of the art technology and craftsmanship. With proper
care, this product should provide you with years of
trouble-free operation.

IMPORTANT

This manual contains advanced features and
operating instructions for the IC-A25N, IC-A25C, IC-
A25NE, and IC-A25CE.

KEEP THIS MANUAL, because it contains important
operating information that may be useful in the future.

The **BASIC MANUAL** is supplied with the transceiver.
The **NAVIGATION GUIDE** that contains the basic
instruction of the navigation function is supplied with
the IC-A25N and IC-A25NE.

Section 1   ACCESSORIES ATTACHMENTS

Supplied accessories

Antenna
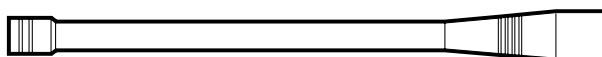
Belt clip   Handstrap   Battery case*   Battery pack

Headset adapter   Power adapter*   Battery charger*

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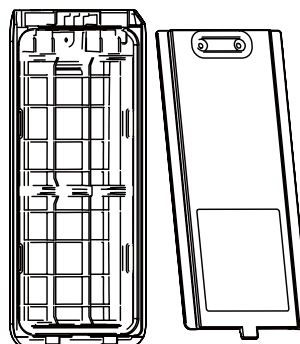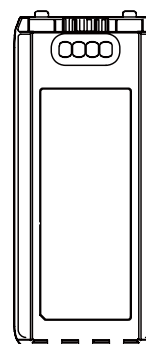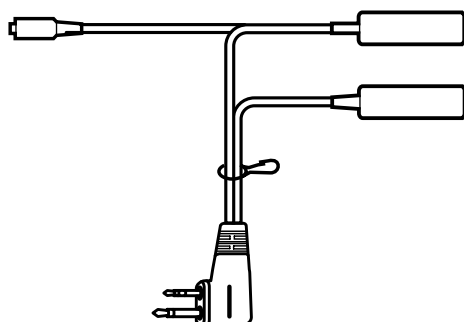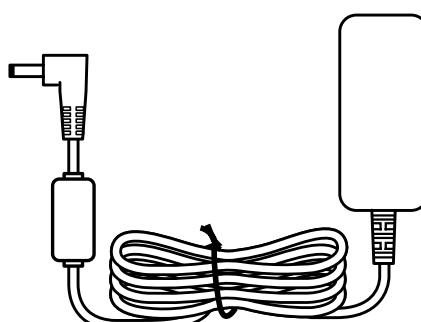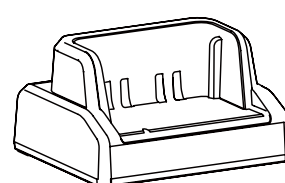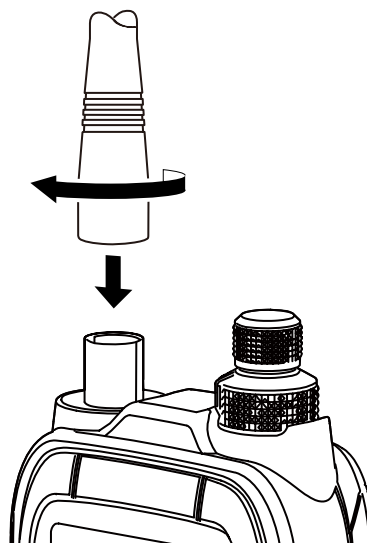
Attaching accessories

◇ Antenna

Connect the supplied antenna to the antenna connector.

CAUTION:
• **DO NOT** carry the transceiver by holding only the antenna.
• **DO NOT** connect an antenna other than supplied antenna or those listed in this manual.
• Transmitting without an antenna may damage the transceiver.

◇ Battery pack/Battery case

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

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

Battery sliding locks
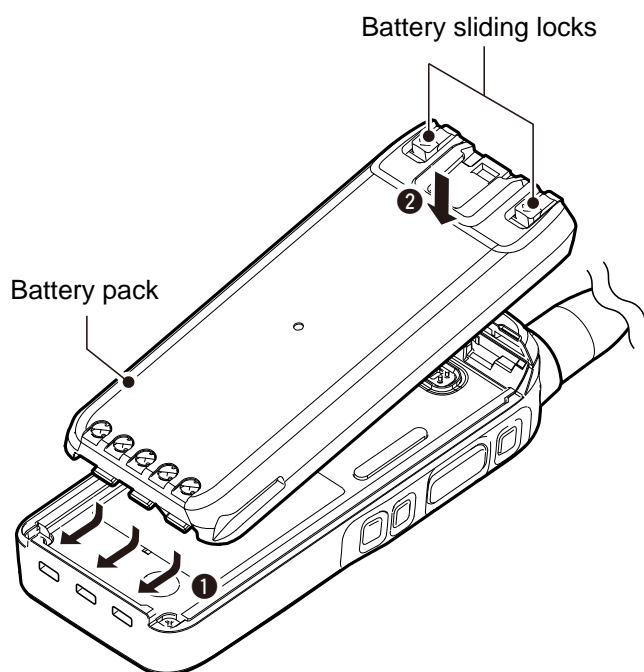
Battery pack

To detach:
1. Pull 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**)
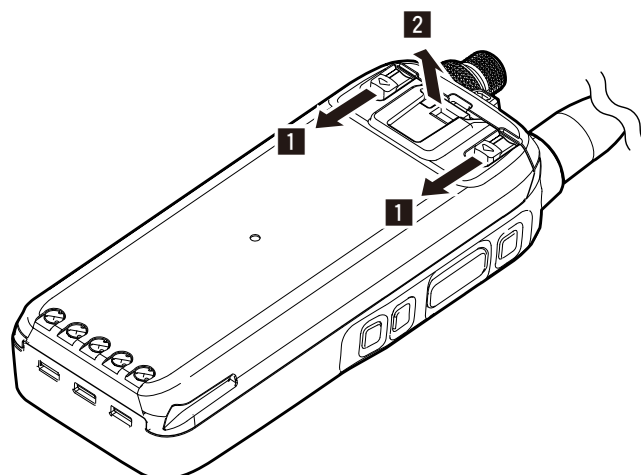
NOTE: Keep the battery pack terminals clean. It's a good idea to occasionally clean them.

Attaching accessories (Continued)

◇ 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.
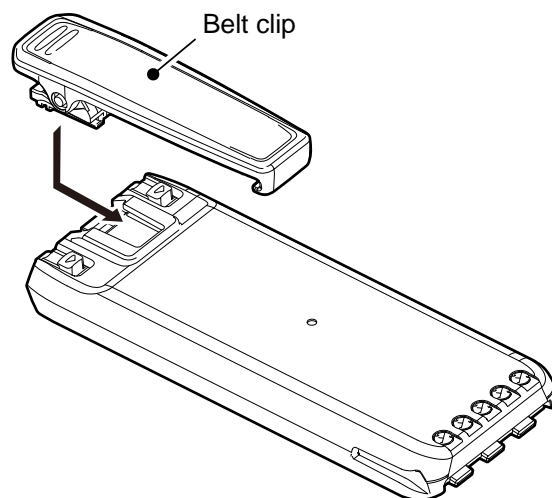
Belt clip

To detach:

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

BE CAREFUL! Don't break your fingernail.
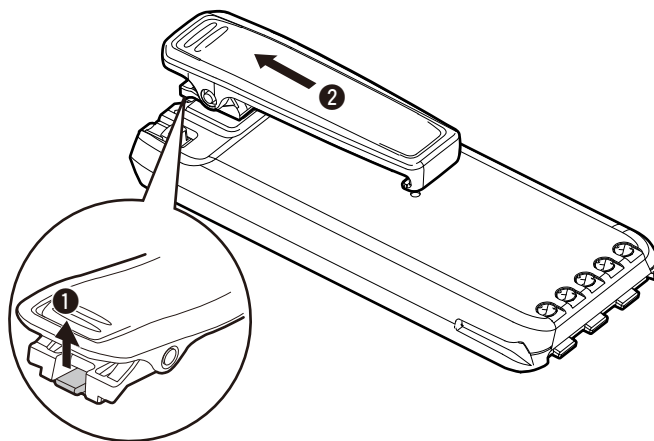
Headset connection

Connect your headset through the supplied headset adapter. Use the Side Tone function to output your transmitted voice to the headset ([MENU] > Sounds Settings > **Side Tone**). (p. 11-7)

PTT

PTT switch (User supplied, if necessary)
Use a PTT switch with a 3.5 mm (1/8 inch) plug.

NOTE: Some headsets may not be compatible with the transceiver, or need a user supplied adapter to work with the supplied headset adapter. Ask your dealer for details.
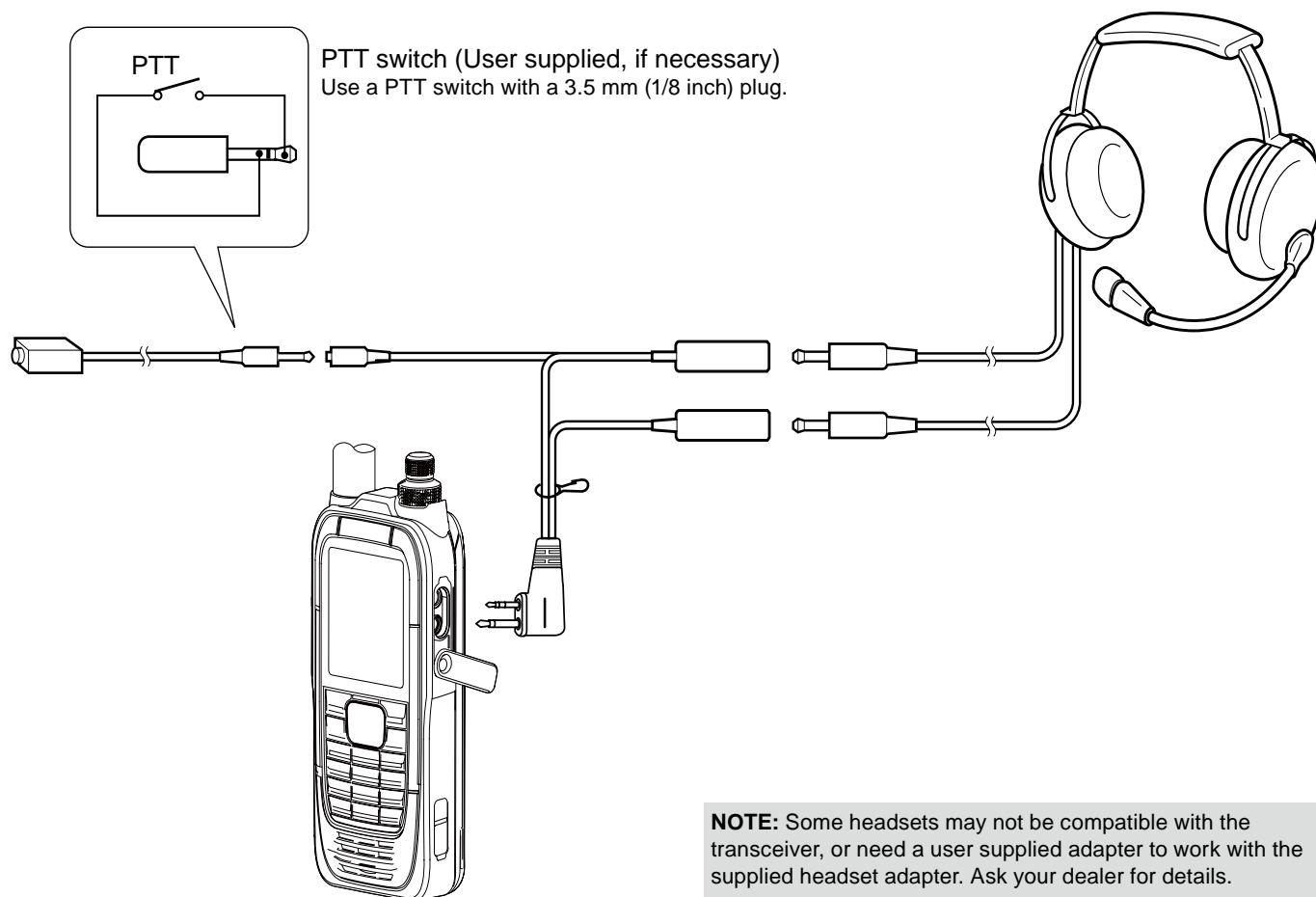
Section 2   PANEL DESCRIPTION

Front, top and side panels (IC-A25C/IC-A25CE)*

Speaker

Microphone
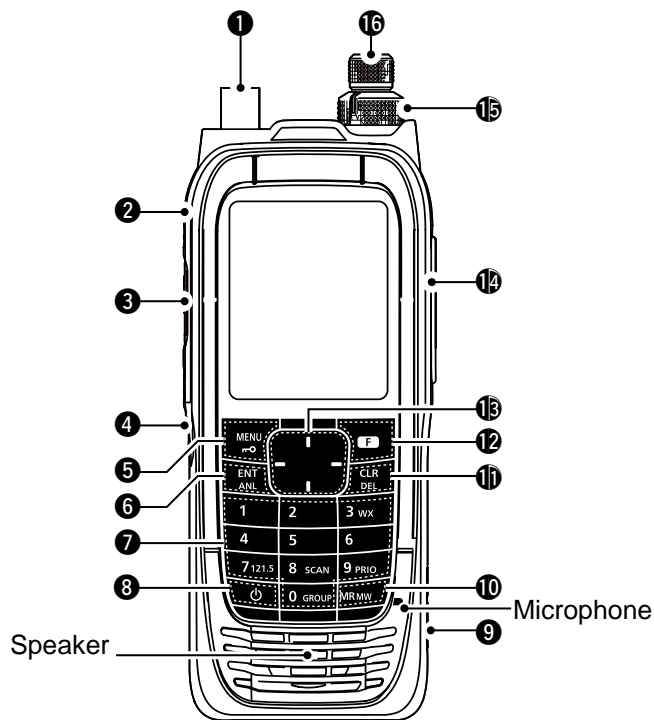
❶ **ANTENNA CONNECTOR (p. 1-3)**
Connect the supplied antenna.

❷ **BACKLIGHT KEY [LIGHT]**
Push to turn the backlight ON or OFF.

❸ **PTT SWITCH [PTT] (p. 4-2)**
Hold down to transmit, release to receive.

❹ **SQUELCH ADJUSTMENT KEYS [SQL▲]/[SQL▼] (p. 4-2)**
Push to adjust the squelch level.

❺ **MENU/LOCK KEY [MENU]/[⌐o]**
● Push to enter or exit the Menu screen.
● Push [F], and then push this key to lock the keypad.

❻ **ENTER/AUTOMATIC NOISE LIMITER KEY [ENT]/[ANL]**
● Push to set the entered data, selected item, and so on.
● Push [F], and then push this key to turn the Automatic Noise Limiter (ANL) function ON or OFF. (p. 4-2)

❼ **TEN KEY***
● Push the keys to set the frequency, select a Memory channel, and so on.
● Push [F], and then push another key to use the secondary functions listed below.
WEATHER CHANNEL KEY [3]/[WX] (p. 9-3) (For only the IC-A25N and IC-A25C)
Push to enter the Weather Channel Selection mode.
EMERGENCY KEY [7]/[121.5] (p. 4-3)
Push to select the emergency frequency.
SCAN KEY [8]/[SCAN] (p. 7-2)
Push to start a scan.
ⓘ Push [CLR] to stop a scan.

PRIORITY CHANNEL KEY [9]/[PRIO] (p. 9-2)
Push to turn the Priority Watch function ON or OFF.
GROUP KEY [0]/[GROUP] (p. 4-2)
Push to display the "Group List" screen, to change the group in the memory mode.

❽ **POWER KEY [⏻]**
Hold down for 1 second to turn the transceiver ON or OFF.

❾ **DC POWER JACK (p. 3-2)**
● Connect the optional power adapter to charge the battery pack.
● Connect the optional cigarette lighter cable to use the transceiver with an external power source.

❿ **MEMORY/MEMORY WRITE KEY [MR]/[MW]**
● Push to enter the Memory Channel Selection mode. (p. 4-2)
● Push [F], and then push this key to display the "Memory Write" screen, to write the set frequency to memory. (p. 8-6)

⓫ **CLEAR/DELETE KEY [CLR]/[DEL]**
● Push to cancel the entered data, selected item, exit the current mode, or return to the previous screen.
● While scanning, push to stop the scan. (p. 7-2)
● Push [F], and then push this key to delete the selected Memory channel or Recall channel.

⓬ **FUNCTION KEY [F]**
Push this key, and then push another key within 3 seconds to use its secondary function.

⓭ **DIRECTIONAL KEY [UP]/[DOWN]/[LEFT]/[RIGHT]**
● Push to select a Recall channel.
● Push to select a menu item, setting, and so on.

⓮ **HEADSET JACK (p. 1-5)**
Connects a third party headset through the supplied headset adapter.

⓯ **VOLUME CONTROL KNOB [VOL]**
Rotate to adjust the audio output level.

⓰ **TUNING DIAL [DIAL]**
Rotate to set the frequency, select a Memory channel, a menu item, and so on.

*There are some keys and functions for only the IC-A25N and IC-A25NE. See page 5-2 for details.

Count on us!