

ICOM

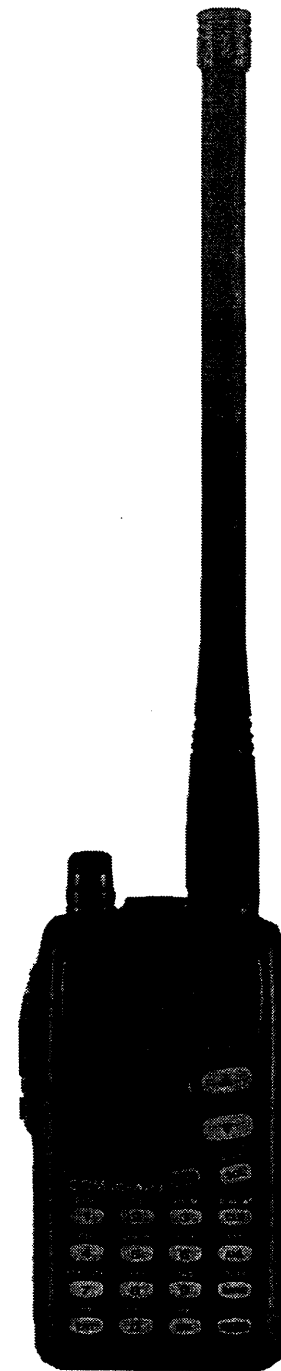
INSTRUCTION MANUAL

VHF AIR BAND TRANSCEIVER

IC-A23
IC-A5

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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-A23/A5.

EXPLICIT DEFINITIONS

The explicit definitions below apply to this instruction manual.

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

FCC caution: Changes or modifications to this transceiver, not expressly approved by Icom Inc., could void your authority to operate this transceiver under FCC regulations. (U.S.A. only)

CAUTION

⚠ 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. Hearing experts advise against continuous high volume operation. If you experience a ringing in your ears, reduce the volume level or discontinue use.

NEVER connect the transceiver to an AC outlet or to a power source of more than 14 V DC. Such a connection will damage the transceiver.

NEVER connect the transceiver to a power source that is DC fused at more than 5 A. Accidental reverse connection will be protected by this fuse, higher fuse values will not give any protection against such accidents and the transceiver will be ruined.

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.

DO NOT allow children to play with any radio equipment containing a transmitter.

DO NOT operate the transceiver near unshielded electrical blasting caps or in an explosive atmosphere.

AVOID using or placing the transceiver in direct sunlight or in areas with temperatures below -10°C ($+14^{\circ}\text{F}$) or above $+60^{\circ}\text{C}$ ($+140^{\circ}\text{F}$).

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

Even when the transceiver power is OFF, a slight current still flows in the circuits. Remove the battery pack or case from the transceiver when not using it for a long time. Otherwise, the battery pack or installed dry cell batteries will become exhausted.

SUPPLIED ACCESSORIES

Accessories included with the transceiver:	Qty.
① Antenna	1
② Belt clip.....	1
③ Handstrap.....	1
④ Battery pack (BP-200L)*.....	1
⑤ Wall charger*	1
• Carrying case (LC-147)*	1
• HEADSET ADAPTER (OPC-967)*	1

*The battery pack, wall charger, HEADSET ADAPTER or carrying case may differ depending on version. Some versions do not include a battery pack, wall charger, HEADSET ADAPTER or carrying case.

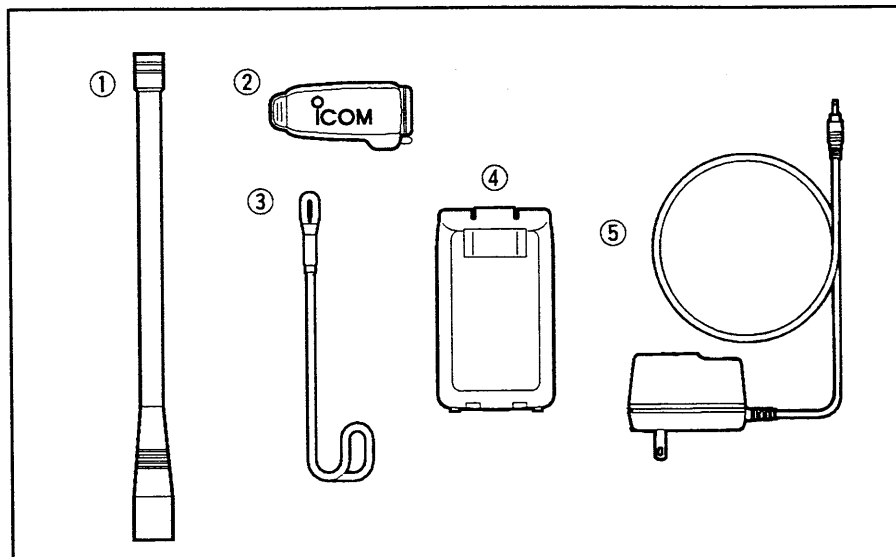


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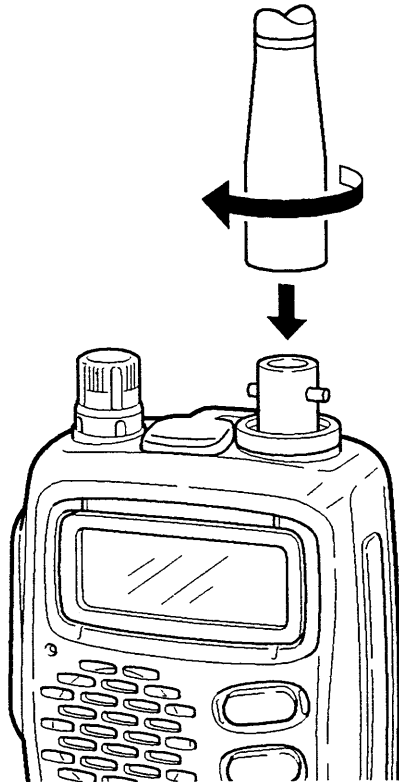
ACCESSORY ATTACHMENT

◇ Antenna

CAUTION: Transmitting without an antenna may damage the transceiver.

Insert the supplied antenna into the antenna connector and screw down the antenna as shown below.

Keep the jack cover attached when jacks are not in use to avoid bad contacts from dust and moisture.



◇ Belt clip

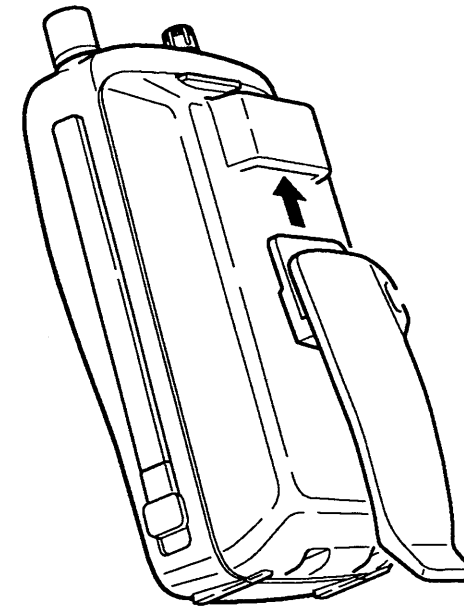
Conveniently attaches to your belt.

To attach:

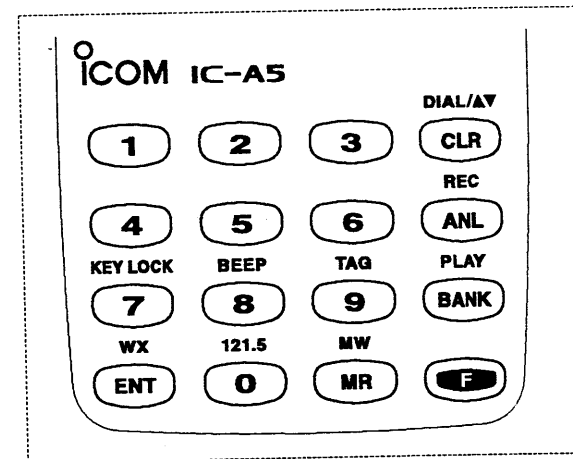
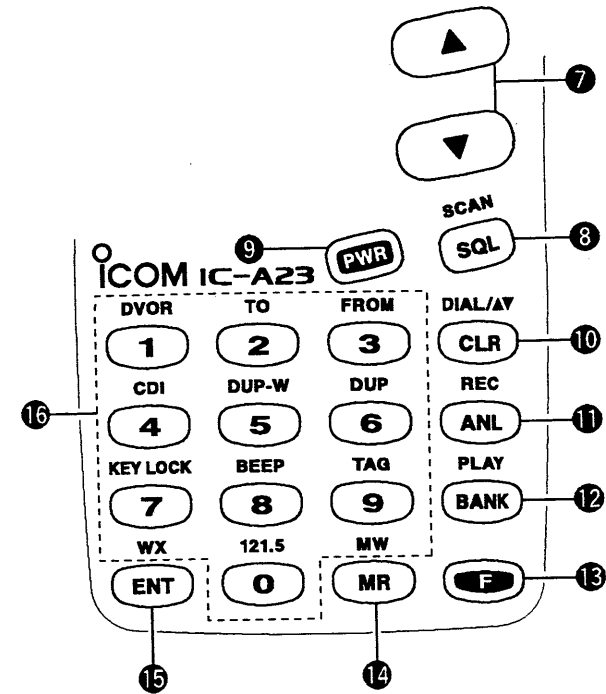
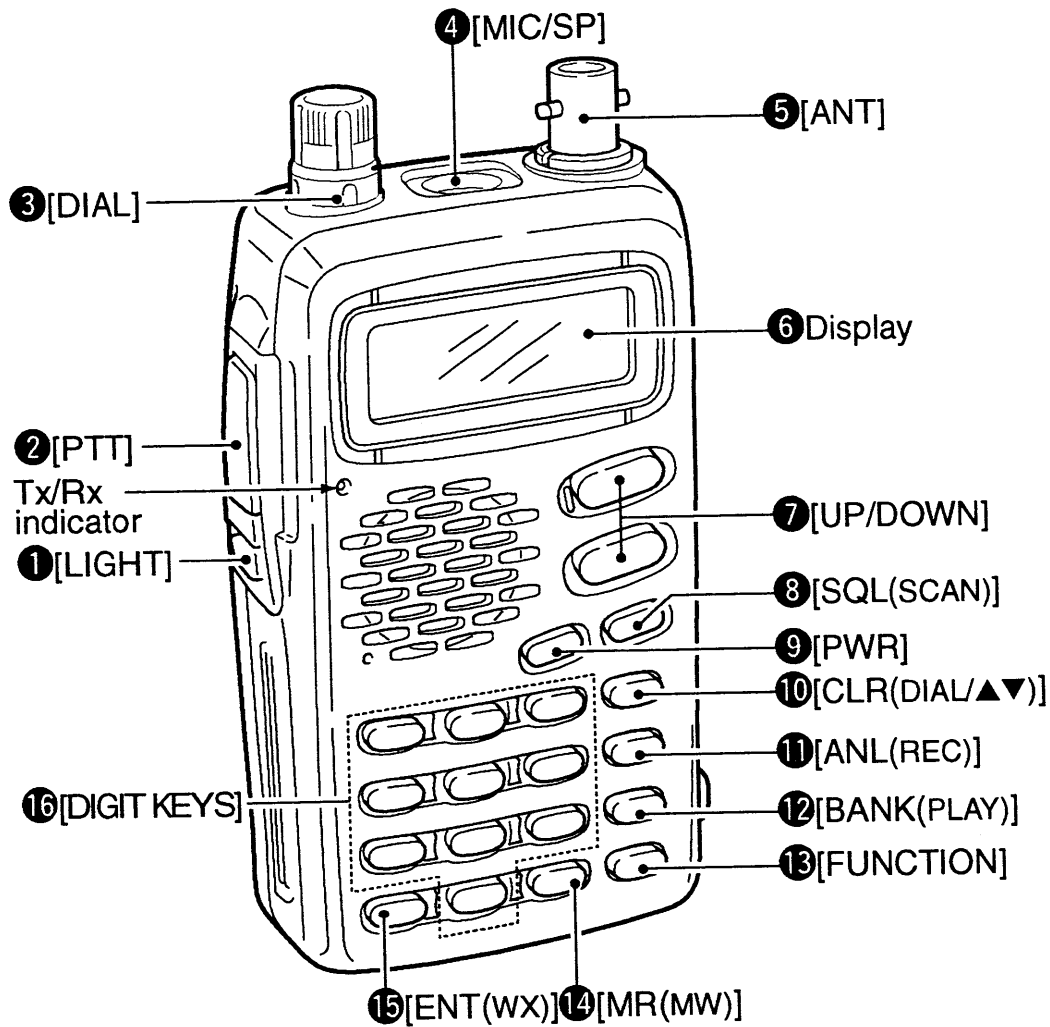
Slide the belt clip into the plastic loop on the back of the battery case/pack.

To remove:

Push the top of the belt clip towards the transceiver and at the same time, push it downward and free of the plastic loop.



■ Panel description



1 LIGHT [LIGHT] (p. 10)

Turns the light for display and keypad ON or OFF.

2 PTT SWITCH [PTT] (p. 11)

Push and hold to transmit; release to receive.

3 TUNING DIAL [DIAL] (p. 8)

- ➔ Rotate [DIAL] to select the desired frequency. (default)
- ➔ Rotate [DIAL] to select the BANK number. (default)
- ➔ Rotate [DIAL] to select the memory channel or WX channel number. (default)
- ➔ Rotate [DIAL] to adjust the audio level.

4 EXTERNAL SPEAKER AND MICROPHONE JACKS [MIC/SP]

Connect an OPC-967 HEADSET ADAPTER or headset, if desired.

5 ANTENNA CONNECTOR [ANT]

Connects the supplied antenna.

6 FUNCTION DISPLAY (pgs. 6, 7)

7 UP/DOWN KEYS [▲]/[▼] (p. 8)




➔ Push [▲] to increase the audio level, push [▼] to decrease the audio level. (default)



- ➔ Push to select the operating channel or frequency.
- ➔ Push to select the BANK number.

8 SQUELCH KEY [SQL (SCAN)] (p. 9)



- ➔ Push [SQL], then rotate the [DIAL] (or push [▲]/[▼]) to select the squelch level.
 - 24 squelch levels and squelch open (0) are available.
- ➔ Push , then push [SQL] to start scan function:
 - Frequency mode: Frequency scan function.
 - MEMORY mode: Bank scan or Full memory channel scan function.


9 POWER SWITCH [PWR]



- ➔ Push and hold for 0.5 sec. to turn the power ON or OFF.
- ➔ While pushing and holding [▲]/[▼] key, push [PWR] to enter the cloning function mode. (OPC-967 must be connected.)

10 CLR KEY [CLR (DIAL/▲▼)] (p. 8)



- ➔ Push , then push [CLR] to exchange the **3** tuning Dial function and **7** UP [▲]/DOWN [▼] switch function;
 - Dial: tuning (default)
 - UP [▲]/DOWN [▼]: audio level setting (default)
- NOTE:** You can adjust the audio level via [DIAL] and select the frequency, memory channel or BANK number via UP [▲]/DOWN [▼] keys.
- ➔ Push [CLR] to turn to the frequency mode, when memory channel, WX channel or 121.5 MHz is selected.

2 PANEL DESCRIPTION

⑩ CLR KEY [CLR(DIAL/▲▼)] (continue)

- DIAL/▲▼**
CLR
- ➔ Push [CLR] to cancel the SCAN function.
 - ➔ Push [CLR] to cancel the direct frequency entering with digit key.
 - ➔ Push [CLR] to turn the squelch level adjusting mode OFF.

⑪ ANL KEY [ANL (REC)]

- REC**
ANL
- ➔ Push to turn the ANL function ON or OFF.
 - ➔ Push **F**, then push [ANL (REC)] to turn the recording function ON. (p. 10)
 - The transceiver records the receiving signal or operators voice message by push and holding [PTT] for 20 sec.

⑫ BANK KEY [BANK (PLAY)]

- PLAY**
BANK
- ➔ Push [BANK] to enter the BANK selection mode while memory channel is selected, push [CLR] to exit the BANK selection mode. (p. 12)
 - ➔ Push **F**, then push [BANK] to play the recorded signals. (p. 10)

⑬ FUNCTION KEY [F]

- F**
- ➔ Push to call up the function indicator, "☐", then push another key to access its secondary function.
 - "☐" appears for 3 sec. after [F] is pushed; at this time pushing [F] again cancels the indication. (p. 6)

NOTE: In general, "☐" disappears when another key is pushed to activate a secondary function. However, some keys which have more than one secondary function, (such as [DUP]), do not cancel "☐". In this case, "☐" disappears automatically after 3 sec.

⑭ MEMORY MODE KEY [MR (MW)] (pgs. 12, 13)

- MW**
MR
- ➔ Push [MR] to call the memory channel mode, push [CLR] to exit the memory channel mode.
 - ➔ Push **F**, then push [MR (MW)] to program the contents into the memory channels.
 - ➔ Push [MR] to program the memory comment when the memory comment function is enabled.

⑮ ENTER KEY [ENT(WX)]

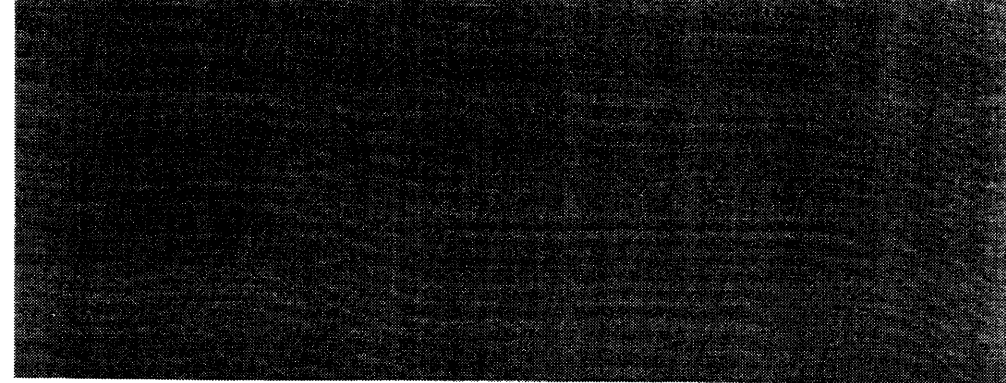
- WX**
ENT
- ➔ Push [ENT] to enter the numeral input. Enters consecutive zero digits. (p. 8)
 - ➔ Push **F**, then push [ENT] to enter the weather channel selection mode. (U.S.A. version only) (p. 9)

• Rx/Tx indicator

- ➔ Lights red during the transmit mode.
- ➔ Lights green during receiving a signal or squelch is open.

NOTE: Some functions may not be available depending on version. Please consult your dealer.

Count on us!



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