



## VHF AIR BAND TRANSCEIVERS

**IC-A23** (with VOR navigation)

**IC-A5** (without VOR navigation)

*Fly the airwaves with this simple air band transceiver*

### Compact and water-resistant construction

Measuring only 58(W)×107(H)×28.5(D) mm\*, its palm size is very convenient for carrying on your belt with the supplied belt clip. The IC-A23/IC-A5 has water resistant construction, equivalent to JIS 4 grade, which allows safe operation in rainy conditions.

\* 2<sup>9</sup>/<sub>32</sub>(W)×4<sup>7</sup>/<sub>32</sub>(H)×1<sup>1</sup>/<sub>8</sub>(D) in.

### VOR navigation\*

The IC-A23 has a VOR navigation function, which indicates the bearing to or from the VOR station. A Course Deviation Indicator shows the deviation between your flying course and the desired course. In CDI mode, the ABSS (Auto Bearing Set System) function allows you to center your flying course in one touch. (\* IC-A23 only)



### Easy to operate

Well labeled and well spaced keys are easy to operate, even while wearing gloves. The back mounted battery puts the weight of the unit in your palm, allowing a comfortable grip. The wide and large LCD lets you see every readout at a glance.

### Reversible analog rotary selector and digital Up/Down switches

Volume and channel selection can be controlled by the rotary selector on the top panel, or Up/Down switches on the front. You can change the assignment at your convenience. The volume level and channel number is displayed during adjustment.

### Voice recording and playback function

Received conversation can be recorded and played back with the built-in voice recorder. Recorded contents can be transmitted and kept even with power off or when the battery is discharged.

### And more...

- 200 memory channels (20 Ch × 10 banks) with 6 character names
- One touch access to the 121.5 MHz emergency channel
- Large capacity Ni-MH battery pack
- NOAA weather channel and Duplex operation
- Tag scanning and memory bank scanning for checking channels
- ANL (Auto Noise Limiter) for noise reduction
- Low battery alert and backlit keypad



IC-A23

IC-A5

Icom Inc.



**SPECIFICATIONS**

**GENERAL**

- Frequency range : Tx/Rx 118.000–136.975 MHz  
Rx 108.000–117.975 MHz\*  
161.650–163.275 MHz
- Mode : Tx/Rx AM (6K00A3E)  
Rx FM (16K0G3E)
- Channel spacing : 25 kHz
- No. of memory Ch. : 20 Channels × 10 banks
- Power supply requirement: 9.6–12.0 V DC (9.6 V standard)
- Current drain : Tx 1.8 A (at max. power)  
(at 13.75 V DC) Rx 500 mA (at max. audio)  
70 mA (at stand-by)
- Operating temp. range: –10°C to +60°C (+14°F to +140°F)
- Frequency stability : ±17 ppm (–10°C to +60°C)
- Dimensions : 58(W)×107(H)×28.5(D) mm  
(projections not included); 2<sup>9</sup>/<sub>32</sub>(W)×4<sup>7</sup>/<sub>32</sub>(H)×1<sup>1</sup>/<sub>8</sub>(D) in
- Weight : 340 g; 12 oz (w/ANT and BP-200L)
- Antenna connector : BNC type

**RECEIVER**

- Receiving system : Double conversion super-heterodyne
  - Intermediate freq. : 1st 30.05 MHz  
2nd 450 kHz
  - Sensitivity :  
AM Less than 1.0 μV (at 6 dB S/N)  
FM Less than 1.0 μV (at 12 dB SINAD)
  - Selectivity : More than 7.5 kHz/–6 dB  
Less than 25 kHz/–60 dB
  - Hum and noise ratio : More than 25 dB
  - Spurious response rejection ratio : More than 60 dB
  - Audio output power : More than 500 mW with an 8 Ω load
- \* IC-A23 only

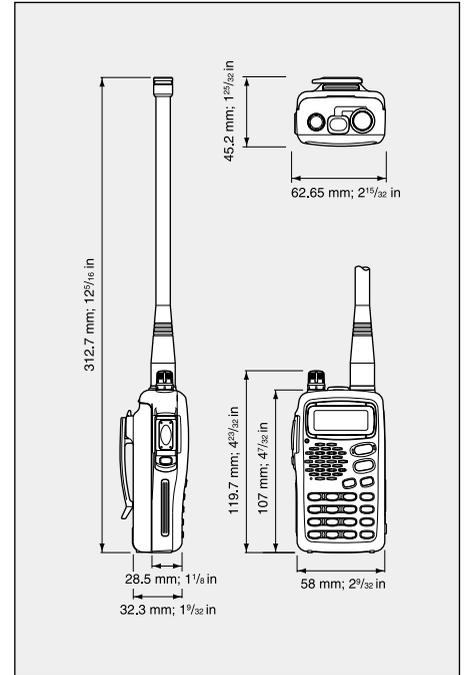
**TRANSMITTER**

- Output power : 5.0 W typ. (PEP)  
(at 9.6 V DC) 1.5 W typ. (Carrier)
- Modulation system : Low level modulation
- Modulation limiting : 70–100%
- AF harmonic distortion: Less than 10% (at 60% mod.)
- Hum and Noise ratio : More than 35 dB
- Spurious emissions : Less than –60 dB
- Microphone impedance: 150 Ω

**Supplied accessories:**

- With IC-A23
- Belt clip
  - Wall charger\*
  - Antenna
  - Headset adapter\*
  - Battery pack\*
  - Carrying case\*
- With IC-A5
- Belt clip
  - Wall charger\*
  - Antenna
  - Battery pack\*
- \* depending on version

All specifications are subject to change without notice or obligation.



**OPTIONS**

■ **BATTERY PACK**

• **BP-200L** Ni-MH BATTERY PACK

9.6 V, 760 mAh rechargeable battery pack provides 6 hours of operation (at a duty cycle of 5: 5: 90/Tx: Rx: standby). Same as supplied with the transceiver (not supplied with some versions).

■ **CHARGERS AND CABLES**

• **BC-119** DESKTOP CHARGER

+ **AD-87** DESKTOP CHARGER ADAPTER + **AD-88** CONNECTION BOARD  
For rapid charging of a battery pack. An AC adapter and AD-88 may be supplied depending on version. The AD-87 is sold separately. Charging time: 1 to 1.5 hrs.

• **BC-121** MULTI-CHARGER

+ **AD-87** DESKTOP CHARGER ADAPTER + **AD-88** CONNECTION BOARD  
For rapid charging of up to 6 batteries simultaneously. Six AD-87's and AD-88's is sold separately. Charging time: 1 to 1.5 hrs.

• **BC-124** AC ADAPTER

Used for BC-121. Output voltage/current: 12 V/7 A

• **BC-110A/D/V** WALL CHARGER

Regularly charges the BP-200L in approx. 15 hrs. Same as supplied with the transceiver.

• **CP-12L** CIGARETTE LIGHTER CABLE WITH NOISE FILTER

For operation and charging with a 12 V cigarette lighter socket.

• **OPC-254L** DC POWER CABLE

For operation and charging from a DC power supply.

■ **OTHERS**

• **LC-147** CARRYING CASE

Fits the transceiver with the supplied battery pack.

• **MB-76** BELT CLIP

Attaches the transceiver to your belt. Same as supplied with the transceiver.

• **OPC-967** HEADSET ADAPTER CABLE

Allows you work with most aviation headsets. Provides the side tone function. Some versions already contain this as an accessory.

• **FA-B02AR** ANTENNA

Same as supplied with the transceiver.



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Icom Inc. (Japan), is an ISO9001 certification acquired company.

Certificate Number Q14190

Your local distributor/dealer: