



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.

* 2⁹/₃₂(W)×4⁷/₃₂(H)×1¹/₈(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); 2⁹/₃₂(W)×4⁷/₃₂(H)×1¹/₈(D) in
- Weight : 340 g; 12 oz (w/ANT and BP-200L)
- Antenna connector : BNC type

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

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 : More than 60 dB
rejection ratio
- Audio output power : More than 500 mW with an 8 Ω
(at 9.6 V DC) load

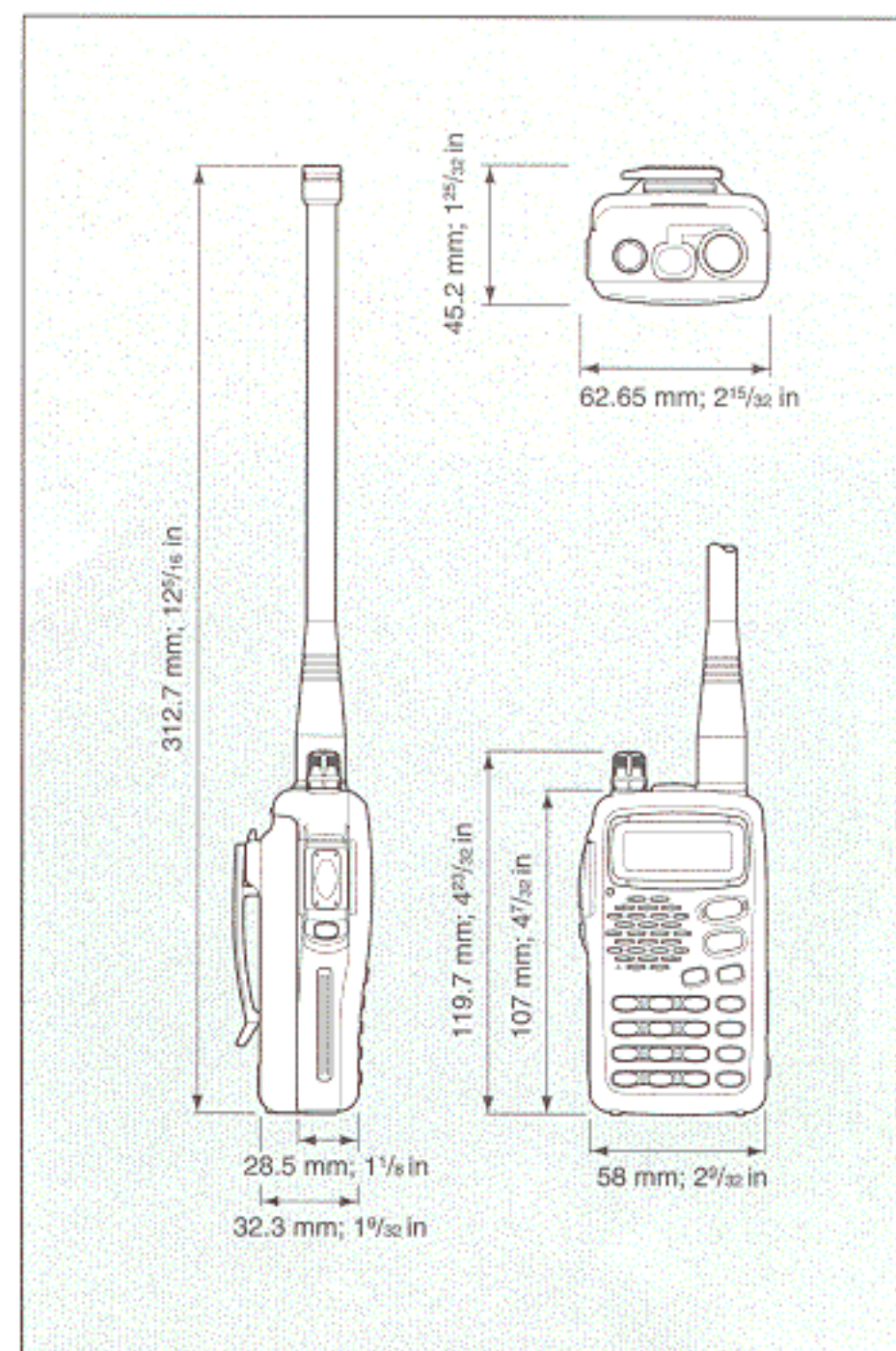
* IC-A23 only

Supplied accessories:

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

* 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

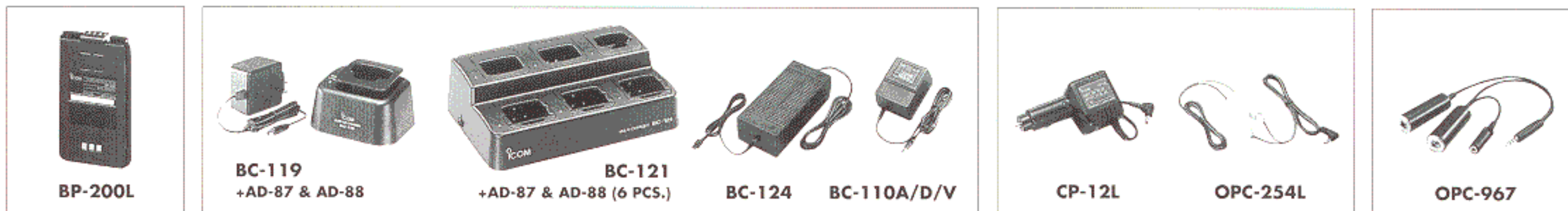
Regularly charges the BP-200L in approx. 15 hrs. Same as supplied with the transceiver.

- **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.



Icom Inc.

6-9-16, Kamihigashi, Hirano-ku, Osaka 547-0002, Japan Phone: 06 6793 5302 Fax: 06 6793 0013 URL: <http://www.icom.co.jp/world/index.html>

Count on us!

Icom America Inc.

<Corporate Headquarters>
2380 116th Avenue N.E., Bellevue, WA 98004, U.S.A.
Phone: (425) 454-8155 Fax: (425) 454-1509
URL: <http://www.icomamerica.com>
<Customer Service> Phone: (425) 454-7619

Icom Canada

Glenwood Centre #150-6165 Highway 17,
Delta, B.C., V4K 5B8, Canada
Phone: (604) 952-4266 Fax: (604) 952-0090
URL: <http://www.icomcanada.com>

Icom (Australia) Pty. Ltd.

A.C.N. 006 092 575
290-294 Albert Street, Brunswick, Victoria, 3056, Australia
Phone: 03 9387 0666 Fax: 03 9387 0022
URL: <http://www.icom.net.au>

Asia Icom Inc.

6F No. 68, Sec. 1 Cheng-Teh Road, Taipei, Taiwan, R.O.C.
Phone: (02) 2559 1899 Fax: (02) 2559 1874

Icom (Europe) GmbH

Communication Equipment
Himmelgeister Str. 100, D-40225 Düsseldorf, Germany
Phone: 0211 346047 Fax: 0211 333639
URL: <http://www.icomeurope.com>

Icom Spain S.L.

Ctra. de Gracia a Manresa Km. 14,750
08190 Sant Cugat del Valles Barcelona, SPAIN
Phone: (93) 590 26 70 Fax: (93) 589 04 46
URL: <http://www.icomspain.com>

Icom (UK) Ltd.

Unit 9, Sea St., Herne Bay, Kent, CT6 8LD, U.K.
Phone: 01227 741741 Fax: 01227 741742
URL: <http://www.icomuk.co.uk>

Icom France S.a

Zac de la Plaine, Rue Brindejonec des Moulinais
BP 5804, 31505 Toulouse Cedex, France
Phone: 561 36 03 03 Fax: 561 36 03 00
URL: <http://www.icom-france.com>



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

Your local distributor/dealer: