



VHF AIR BAND TRANSCEIVERS

IC-A15

(Full keypad)

IC-A15S

(Simple keypad)

Easy to Use, Rugged and Compact with 700mW Loud Audio!

700mW* loud audio

Because air band radios are usually operated in high-noise environments, it is essential for the radio to provide loud and clear audio. The IC-A15/S series employs a BTL amplifier that doubles the audio output, offering loud and clear audio that'll cut through cabin or tarmac noise. (* Internal speaker only)

Full keypad type or Simple keypad type

The IC-A15 full keypad type allows you to input the channel or frequency directly and has an exclusive button for the 121.5MHz emergency channel. The IC-A15S simple keypad type provides simpler operation with a minimum of buttons that is suitable for ground crews.

Compact, light weight and rugged body

The IC-A15/S series is compact (only 120mm tall) and light weight (approx. 350g including antenna and BP-232N). The water resistant construction, equivalent to IPX4, provides reliable operation in wet conditions.

Large capacity Lithium-Ion battery pack

With the 2000mAh large capacity Lithium-Ion battery pack, BP-232N, the IC-A15/S series provides stable output power and 18 hours long (approx.) operating time*. The BP-261, battery case takes 6 AA (LR6) alkaline cells for convenient battery backup.

* Typical operation, Tx:Rx: Stand-by=5:5:90.

200 channels with memory banks

A total of 200* memory channels can be named with an 8-character channel name for easy recognition. For fast and simple operation, these channels can be grouped into 10 memory banks*.

* IC-A15 only. The IC-A15S has 100 memory channels and memory banks are not available.

BC-179 holder type battery charger

The battery charger, BC-179, securely holds and charges the radio, even in bumpy conditions. The cigarette lighter cable, CP-22, can be used with the BC-179.



IC-A15

IC-A15S



Other outstanding features

- 5W typ. (PEP), 1.5W typ. (CW) output power
- Side tone function allows you to hear your own voice via a third party aviation headset
- LCD backlight for night time operation
- ANL (Auto Noise Limiter) for noise reduction
- Low battery indication and beep alert
- Adjustable microphone gain setting
- BNC type antenna connector

Supplied accessories: (* depending on version)

- Battery pack, BP-232N or battery case, BP-261*
- Battery charger, BC-179* • Belt clip, MB-94
- AC adapter, BC-174E* • Antenna, FA-B02AR
- Handstrap

SPECIFICATIONS

GENERAL	
• Frequency range	: 118.000-136.975MHz (COM)
• Mode	: AM (6K00A3E)
• Channel spacing	: 25kHz
• No. of memory channels	: IC-A15 : 200 channels with 10 banks IC-A15S : 100 channels
• Antenna impedance	: 50Ω (BNC type)
• Power supply requirement	: 7.4V DC (Icom battery pack)
• Current drain (at 7.4V DC)	: Tx : 1.5A Rx : 50mA typical Stand-by : 500mA Max. audio : 500mA
• Operating temp. range	: -20°C to +55°C
• Dimensions (W×H×D) (projections not included)	: 53×120×36.9 mm
• Weight (approx.)	: 350g (with antenna and BP-232N)

TRANSMITTER	
• Output power (at 7.4V DC)	: 5.0/1.5W typ. (PEP/CW)
• Modulation depth	: 85%
• Audio harmonic distortion	: Less than 10% (at 85%+3dB mod.)
• Harmonics spurious emissions (Except operating freq. ±1MHz point)	: Less than -36dBm
• Frequency stability	: ±5ppm
• Microphone connector	: 3-conductor 2.5 (d) mm (1/10") 150Ω

RECEIVER	
• Intermediate frequency	: 1st/2nd 46.35MHz/450kHz
• Sensitivity	: -3dBμ typ. (at 12dB SINAD with CCITT)
• Squelch sensitivity	: Less than 0dBμ (at threshold)
• Selectivity	: 6dB (More than 7.5kHz) 60dB (Less than 25kHz)
• Hum and noise	: More than 40dB (at 90% mod.)

• Spurious response	: More than 70dB
• Audio output power	:
Internal speaker	: More than 700mW
External speaker	: More than 500mW
at 10% distortion with an 8Ω load, 30% modulation	
• Ext. speaker connector	: 3-conductor 3.5 (d) mm (1/8")/8Ω

Applicable U.S. Military Specifications & IP Rating

Standard	MIL 810 F	
	Method	Procedure
Low Pressure	500.4	I, II
High Temperature	501.4	I, II
Low Temperature	502.4-3	I, II
Temperature Shock	503.4	I
Solar Radiation	505.4	I
Rain	506.4	I, III
Humidity	507.4	-
Salt Fog	509.4	-
Dust Blowing	510.4	I
Vibration	514.5	I
Shock	516.5	I, IV

Also meets equivalent MIL-STD-810-C, -D and -E.

Ingress Protection Standard	
Water	IPX4 (Water resistant protection)

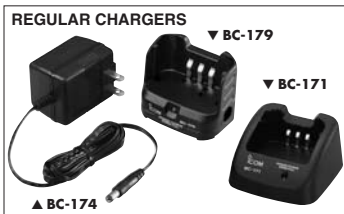
Measurement made in accordance with EN 300 676 for EUR/UK versions. All specifications are subject to change without notice or obligation.

OPTIONS

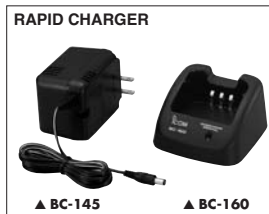
* Some options may not be available in some countries. Please ask your dealer for details.



BP-230N : 7.4V/980mAh Li-Ion BATTERY PACK Provides 8.5 hours* operating time (approx.).
BP-232N : 7.4V/2000mAh Li-Ion BATTERY PACK Provides 18 hours* operating time (approx.).
BP-261 : BATTERY CASE
 Battery case for AA (LR6)×6 alkaline cells.
 (* Tx (Hi): Rx: standby=5:5:90.)



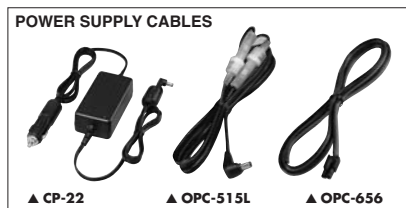
REGULAR CHARGERS
BC-174
BC-179 BATTERY CHARGER + BC-174 AC ADAPTER
 Charges the BP-232N in 12 hours (approx.).
BC-171 DESKTOP CHARGER + BC-147 AC ADAPTER
 Charges the BP-232N in 10 hours (approx.).



RAPID CHARGER
BC-145
BC-160 DESKTOP CHARGER + BC-145 AC ADAPTER
 Charges the BP-232N in 3 hours (approx.).
BC-119N + AD-106 + BC-145 is also available.



BC-121N MULTI-CHARGER + AD-106 CHARGER ADAPTER + BC-157 AC ADAPTER
 Rapidly charges up to 6 battery packs (Six AD-106s are required). Charging the BP-232N in 3 hours (approx.).



POWER SUPPLY CABLES
CP-22 : Cigarette lighter cable with DC-DC converter for use with BC-171/179. 12/24V DC input available.
OPC-515L : Power supply cable for use with BC-119N.
OPC-656 : Power supply cable for use with BC-121N.



SPEAKER-MIC
HM-173 : Provides convenient lightweight operation.



HEADSET ADAPTER CABLE
OPC-499 : For use with third party headsets.



BELT CLIP AND LEATHER BELT HANGER
MB-94 : Alligator type. Same as supplied.
MB-96F : Fixed type belt hanger.



ANTENNA
FA-B02AR : Same as supplied.

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Icom Inc. 1-1-32, Kami-minami, Hirano-ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302 Fax: +81 (06) 6793 0013

URL: <http://www.icom.co.jp/world/index.html>

Count on us!

Icom America Inc.
 2380 116th Avenue NE,
 Bellevue, WA 98004, U.S.A.
 Phone : +1 (425) 454-8155
 Fax : +1 (425) 454-1509
 E-mail : sales@icomamerica.com
 URL : <http://www.icomamerica.com>

Icom New Zealand
 146A Harris Road, East Tamaki,
 Auckland, New Zealand
 Phone : +64 (09) 274 4062
 Fax : +64 (09) 274 4708
 E-mail : inquiries@icom.co.nz
 URL : <http://www.icom.co.nz>

Icom (UK) Ltd.
 Unit 9, Sea St., Herne Bay,
 Kent, CT6 8LD, U.K.
 Phone : +44 (0)1227 741741
 Fax : +44 (0)1227 741742
 E-mail : info@icomuk.co.uk
 URL : <http://www.icomuk.co.uk>

Asia Icom Inc.
 6F No. 68, Sec. 1 Cheng-Teh Road,
 Taipei, Taiwan, R.O.C.
 Phone : +886 (02) 2559 1899
 Fax : +886 (02) 2559 1874
 E-mail : sales@asia-icom.com
 URL : <http://www.asia-icom.com>

Your local distributor/dealer:

Icom Canada
 Glenwood Centre #150-6165 Highway 17,
 Delta, B.C., V4K 5B8, Canada
 Phone : +1 (604) 952-4266
 Fax : +1 (604) 952-0090
 E-mail : info@icomcanada.com
 URL : <http://www.icomcanada.com>

Icom (Europe) GmbH
 Communication Equipment
 Himmelgeister Str. 100,
 D-40225 Düsseldorf, Germany
 Phone : +49 (0)211 346047
 Fax : +49 (0)211 333639
 E-mail : info@icom-europe.com
 URL : <http://www.icom-europe.com>

Icom France s.a.s.
 Zac de la Plaine,
 1 Rue Brindejonc des Moulinais, BP 45804,
 31505 Toulouse Cedex 5, France
 Phone : +33 (5) 61 36 03 03
 Fax : +33 (5) 61 36 03 00
 E-mail : icom@icom-france.com
 URL : <http://www.icom-france.com>

Beijing Icom Ltd.
 10C07, Long Silver Mansion, No.88,
 Yong Ding Road, Haidian District,
 Beijing, 100039, China
 Phone : +86 (010) 5889 5391/5392/5393
 Fax : +86 (010) 5889 5395
 E-mail : bjicom@bjicom.com
 URL : <http://www.bjicom.com>

Icom (Australia) Pty. Ltd.
 Unit 1 / 103 Garden Road,
 Clayton, VIC 3168 Australia
 Phone : +61 (03) 9549 7500
 Fax : +61 (03) 9549 7505
 E-mail : sales@icom.net.au
 URL : <http://www.icom.net.au>

Icom Spain S.L.
 Ctra. Rubi, No. 88 "Edificio Can Castanyer"
 Bajos A 08174, Sant Cugat del Valles,
 Barcelona, Spain
 Phone : +34 (93) 590 26 70
 Fax : +34 (93) 589 04 46
 E-mail : icom@icomspain.com
 URL : <http://www.icomspain.com>

Icom Polska
 81-850 Sopot, ul. 3 Maja 54, Poland
 Phone : +48 (58) 550 71 35
 Fax : +48 (58) 551 0484
 E-mail : icom.polska@icom.polska.com.pl
 URL : <http://www.icompolska.com.pl>