



VHF AIR BAND TRANSCEIVERS

IC-A15

(Full keypad)

IC-A15S

(Simple keypad)

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

700 mW* 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 121.5 MHz 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 120 mm tall) and light weight (approx. 350 g including antenna and BP-232H). The water resistant construction, equivalent to IPX4, provides reliable operation in wet conditions.

Large capacity Lithium-Ion battery pack

With the 2350 mAh (typ.) large capacity Lithium-Ion battery pack, BP-232H, the IC-A15/S series provides stable output power and 20 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

- 5 W typ. (PEP), 1.5 W typ. (CW) output power
- Side tone function allows you to hear your own voice through 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

Note: 8.33 kHz channel spacing is NOT available for the IC-A15/S.

OPTIONS

* Some options may not be available in some countries, or unavailable due to no T/A. Please ask your dealer for details.



Battery packs	Type	Capacity	Operating time*
BP-230N	Rechargeable Li-ion	950 mAh (min.) 980 mAh (typ.)	8.5 hours (approx.)
BP-232H	Rechargeable Li-ion	2200 mAh (min.) 2350 mAh (typ.)	20 hours (approx.)
BP-261	AA (LR6) batteries × 6		-

* Tx: Rx: standby = 5:5:90. Power save function ON.

REGULAR CHARGER

BC-147S*
BC-179 charges the BP-232H in 13.5 hours (approx.).

REGULAR CHARGER

BC-147S*
Charges the BP-232H in 8-10 hours (approx.).

RAPID CHARGER

BC-123S*
Charges the BP-232H in 3 hours (approx.).

* BC-123/BC-147SA for USA plug. SE for Europe plug. SV for Australia plug.

MULTI-CHARGER

BC-197*
Charges up to six BP-232H batteries in 3.5 hours (approx.).

POWER SUPPLY CABLES

CP-22 For use with BC-179
CP-23L For use with BC-160
OPC-656 For use with BC-197

* AD-122 charger adapter is supplied with the BC-197, depending on version.

SPEAKER-MICROPHONE

HM-173

HEADSET ADAPTER CABLE

OPC-499

BELT CLIP AND LEATHER BELT HANGER

MB-94 **MB-96F**

ANTENNA

FA-B02AR

SPECIFICATIONS

		IC-A15/IC-A15S
GENERAL		
Frequency range		118.000-136.975 MHz (COM)
Number of memory channels	IC-A15 IC-A15S	200 channels (20 channels × 10 banks) 100 channels
Channel spacing		25 kHz
Type of emission		6K00A3E (AM)
Power supply requirement		7.4 V DC (Icom battery pack)
Current drain (approximate)		
Tx High		1.5 A
Rx Max. audio/Stand-by		500 mA/50 mA typ.
Antenna impedance		50 Ω nominal (BNC type)
Operating temperature range		-20 °C to +55 °C
Dimensions (Projections not included)		53 × 120 × 36.9 mm (W × H × D)
Weight (approximate)		350 g (with BP-232H and antenna)
TRANSMITTER		
Output power (at 7.4 V DC)		5.0 W typ./1.5 W (PEP/CW)
Modulation depth		85%
Audio harmonics distortion		Less than 10% (at 85% +3 dB modulation)
Harmonics spurious emissions		Less than -36 dBm (Except operating freq. ± 1 MHz range)
Frequency stability		±5 ppm
Ext. microphone connector		3-conductor 2.5 (d) mm (1/10")/150 Ω
RECEIVER		
Intermediate frequency		46.35 MHz/450 kHz (1st/2nd)
Sensitivity		-3 dBμ typ. (at 12 dB SINAD with CCITT)
Squelch sensitivity		Less than 0 dBμ (at threshold)
Selectivity		6 dB (More than 7.5 kHz), 60 dB (Less than 25 kHz)
Spurious response rejection		More than 70 dB
Hum and noise		More than 40 dB (at 90% modulation)
Audio output power		More than 700 mW (Internal SP) More than 500 mW (External SP)
Ext. speaker connector		3-conductor 3.5 (d) mm (1/8")/8 Ω

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

Applicable U.S. Military Specifications

Standard	MIL 810F	
	Method	Procedure
Low Pressure	500.4	I, II
High Temperature	501.4	I, II
Low Temperature	502.4	I, II
Temperature Shock	503.4	I
Solar Radiation	505.4	I
Rain Blowing/Drip	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

Dust & Water | IPX4 (Water resistant)

Supplied accessories: (* depending on version)

- Battery pack, BP-232H or battery case, BP-261*
- Battery charger, BC-179*
- AC adapter, BC-147S*
- Belt clip, MB-94
- Antenna, FA-B02AR
- Handstrap

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Icom Inc.

1-1-32, Kamiminami, Hirano-Ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302 Fax: +81 (06) 6793 0013

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