



## 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 2300 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

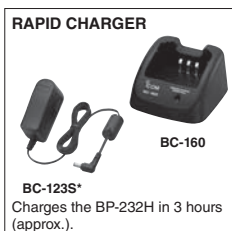
**OPTIONS**

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

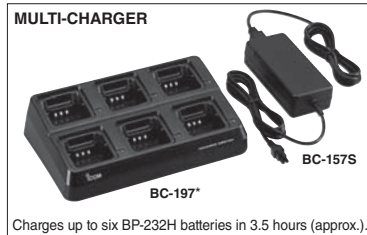


Battery packs	Type	Capacity	Operating time*
BP-230N	Rechargeable Li-ion	950 mAh (min.) 980 mAh (typ.)	8.5 hours (approx.)
BP-232H	Rechargeable Li-ion	2250 mAh (min.) 2300 mAh (typ.)	20 hours (approx.)
BP-261	AA (LR6) batteries × 6		-

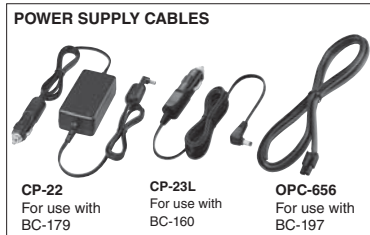
\* Tx: Rx: standby = 5:5:90. Power save function ON.



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



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



**SPECIFICATIONS**

		IC-A14/IC-A14S
<b>GENERAL</b>		
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)
<b>TRANSMITTER</b>		
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
<b>RECEIVER</b>		
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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