



VHF AIR BAND TRANSCEIVER BASE STATION

# IC-A200B

VHF AIR BAND TRANSCEIVER VEHICLE MOUNT

# IC-A200M



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*IC-A200B Base Station Package. Includes: IC-A200, microphone, power supply.*

*IC-A200M Vehicle Mounting Kit. Includes: IC-A200, speaker, microphone, mounting bracket.*



Icom Inc.

**IC-A200****IC-A200 SPECIFICATIONS****GENERAL**

- Frequency coverage: 118.000 ~ 136.975 MHz
- Mode: AM (6K00A3E)
- Memory channels: 9
- Tuning steps: 25 kHz, 50 kHz, or 1 MHz
- Antenna impedance: 50Ω
- Power supply requirement: 13.8 V DC ± 15% (negative ground)
- Current drain (at 13.8 V DC):

Transmit		2.6 A
Receive	Squelched	320 mA
	Max. audio output	600 mA

- Usable temperature range: -20°C ~ +55°C
- Frequency stability: ±0.0015% (-20°C ~ +55°C)
- Dimensions: 160 (W) x 34 (H) x 271 (D) mm.  
(projections not included) 6.3 (W) x 1.3 (H) x 10.7 (D) in.
- Weight: 1.1 kg.; 2.4 lb.

**TRANSMITTER**

- Output power: 7 W (carrier power)
- Microphone impedance: 600Ω

**RECEIVER**

- Receive system: Double-conversion superheterodyne
- Intermediate frequencies: 1st 32.455 MHz 2nd 455 kHz
- Sensitivity: 2 μV for 6 dB S/N  
(with 1 kHz, 30% modulation)  
-80 dB
- Spurious rejection:
- Audio output power: 5 W with a 4Ω load  
100 mW with a 500Ω load

All stated specifications are approximate and subject to change without notice or obligation.

**IC-A200B** Includes A200/PS-80**IC-A200 SPECIFICATIONS (See above)****PS-80 SPECIFICATIONS****GENERAL**

- Input voltage: 117 V AC ±10%  
220 V AC ±10%, or  
240 V AC ±10% (selectable)
- Output voltage: 13.8 v DC ±5% (negative ground)
- Output current: 6 A
- Duty rate: 1 hour for maximum current
- Ripple voltage: Less than 20 mV rms
- Usable temperature range: -10°C ~ +40°C  
+14°F ~ +104°F
- Dimensions: 200 (W) x 200 (H) x 300 (D) mm.  
(projections not included) 7.9 (W) x 7.9 (H) x 11.8 (D) in.
- Weight: 6.0 kg.; 13.2 lb.

**OPTIONS**

- B-ANT BASE STATION ANTENNA  
Mounts easily on outside of building for increased operating distance.
- SM-6 DESKTOP MICROPHONE  
Easy-to-use electret condenser-type microphone
- EM-91 HAND MICROPHONE  
8 pin amplified microphone

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**IC-A200M** Includes A200/MB-53**IC-A200 SPECIFICATIONS (See above)****MB-53 FEATURES****FEATURES**

- Quick, easy installation of the IC-A200 for mobile applications.
- Mounting kit includes rugged Mounting Bracket, SP-5 5 Watt Speaker and EM-91 Microphone.
- No wiring. Harness comes wired for mobile operation.
- Direct operation for 12 V DC source supports full 7 Watt transmitter output.

**Icom America Inc.**

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