



VHF AIR BAND TRANSCEIVER BASE STATION

# IC-A200B

VHF AIR BAND TRANSCEIVER VEHICLE MOUNT

# IC-A200M



◀ 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 50  $\Omega$
- Power supply requirement 13.8 V DC  $\pm$  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  $\pm$  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 600  $\Omega$

### RECEIVER

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

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

# IC-A200B

 (Includes A200/PS80)

## IC-A200 SPECIFICATIONS (See Above)

### PS-80 SPECIFICATIONS

- Input voltage 117 V AC  $\pm$  10%,  
220 V AC  $\pm$  10%, or  
240 V AC  $\pm$  10% (selectable)
- Output voltage 13.8 V DC  $\pm$  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/MB53)

## IC-A200 SPECIFICATIONS (See Above)

### MB-53 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®