



VHF AIR BAND TRANSCEIVER

IC-A4

Meets
MIL-STD 810



Maximize your ground crew communications

Rugged construction

The one piece, die-cast aluminum chassis and polycarbonate front panel provide the durability needed for reliable operation under the most demanding conditions.

Simple operation

Reliable communication is essential in the hectic airport work environment. The IC-A4's large display is easy to read and shows operating status at a glance. Up/down keys allow you to change channels quickly and easily. Up to 19 memory channels can be programmed for easy recall.

PC programmable

PC programming and cloning allows you to customize each radio to your needs. Transmit can be inhibited by channel. (These features must be activated by your dealer.)

Alpha memory

The channel name function allows you to assign up to 5-character alpha names to each channel. This provides a convenient way to remember channel contents and to recognize selected channels at a glance.

Compact body

Measuring only 58(W) X 140.5(H) X 32.3(D) mm*, the IC-A4 is truly portable. Small enough to fit into a pocket.

* 2⁹/₃₂(W) X 5¹⁷/₃₂(H) X 1⁹/₃₂(D) in

Other features

- LCD backlighting allows you to read the display easily during night-time operation
- Maintenance-free EEPROM stores memory channel information
- Side-tone permits hearing your own transmitted audio while using a standard aviation headset (optional headset adapter required — OPC-752)
- Standard headset cable can be used with the optional OPC-752
- Optional longer life 1050 mAh battery available, same physical size!!
- Optional (AA) alkaline battery case available — holds 8 batteries

Icom Inc.

SPECIFICATIONS

GENERAL

- Frequency range :
 - Tx 118.000–136.975 MHz
 - Rx 108.000–136.975 MHz
- Mode : 6K00A3E (AM)
- Number of memory channels : 19
- Usable temperature range : -10°C to +50°C; +14°F to +122°F
- Frequency stability : ±10 ppm (0°C to +50°C)
- Power supply requirement : 9.6 V DC ±15% (negative ground)
- Current drain (at 9.6 V DC) :
 - Tx max. power 0.7 A typical
 - Rx max. standby 55 mA typical
 - max. audio 230 mA typical
- Antenna connector : BNC (50 Ω)
- Dimensions (projections not included) : 58(W)X140.5(H)X32.3(D) mm
2⁹/₃₂(W)X5¹⁷/₃₂(H)X1⁹/₃₂(D) in
- Weight (incl. antenna and battery pack) : 425 g; 15 oz (approx.)

TRANSMITTER

- Output power (typical) : 3.7 W (PEP)
1.0 W (CW)
- Modulation system : Low level modulation
- Spurious emissions : Less than -60 dB
- External microphone connector : 3-conductor 2.5 (d) mm (1/10"/150 Ω)

RECEIVER

- Receive system : Double-conversion superheterodyne
- Intermediate frequencies : 1st 28.95 MHz
2nd 450 kHz
- Sensitivity (at 6 dB S/N) : Less than 1.0 μV (pd)
- Squelch sensitivity : Less than 1.0 μV (pd; THD)
- Selectivity : More than 8 kHz/-6 dB
Less than 25 kHz/-60 dB
- Spurious response rejection ratio : More than 60 dB
- Audio output power (at 9.6 V DC) : More than 500 mW at 10% distortion with an 8 Ω load
- External SP connector : 3-conductor 3.5 (d) mm (1/8"/8 Ω)

The IC-A4 meet MIL-STD requirement and strict environmental standards for shock (MIL810C, D, E) and vibration (MIL810C, D, E).

Supplied Accessories:

- Battery pack*
- Belt clip
- Handstrap
- Wall charger*
- Antenna
- *Depending on version.

All stated specifications are subject to change without notice or obligations.

OPTIONS

BATTERY PACKS AND CASE



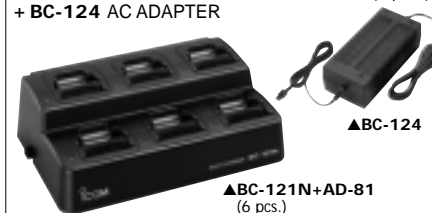
*Ni-Cd cells in BP-194 BATTERY CASE must be purchased separately.

BC-143 DESKTOP CHARGER



Rapidly charges battery packs. An AC adapter is supplied with the BC-143. Cannot be used to charge Ni-Cd cells installed in the BP-194. BC-119N DESKTOP CHARGER is also available for rapid charging with AD-81 CHARGER ADAPTER.

BC-121N DESKTOP CHARGER + AD-81 DESKTOP CHARGER ADAPTER (6 pcs.) + BC-124 AC ADAPTER



For rapid charging up to 6 battery packs, BP-195 or BP-196. The AD-81 and BC-124 must be purchased separately. OPC-656 DC POWER CABLE For use the BC-121N with a DC power supply. (12–20 V DC required)

CP-12/L CIGARETTE LIGHTER CABLE WITH NOISE FILTER
OPC-254/L DC POWER CABLE



Allows you to charge the connected battery pack (13.5 to 16 V DC required). For charging ONLY—the transceiver cannot be simultaneously operated.

HM-119 SPEAKER-MICROPHONE



Durable, full-sized speaker-microphone

BC-110A/C/D/V WALL CHARGER

Regularly charges battery packs. The same as supplied with some versions.

BC-133 BATTERY CHARGER

Regularly charges a battery pack with/without transceiver.

OPC-474 CLONING CABLE

Used for handheld to handheld data cloning.

OPC-752 HEADSET ADAPTER CABLE

Allows you to work with most aviation headsets. Provides a side tone function. This is supplied with some versions.

MB-68/MB74/MB-87 BELT CLIPS

MB-68: The same as supplied.

MB-74: Alligator type. Clips almost anything in a variety of convenient places.

MB-87: Swivel belt clip. Prevent accidental dropping from your belt.

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Certificate Number Q14190

Icom Inc. (Japan), is an ISO9001 certification acquired company.

Your local distributor/dealer: