



VHF AIR BAND TRANSCEIVER

IC-A4



Get started with ICOM's IC-A4

Low cost, light weight, and compact, the IC-A4 provides reliable communications for pilots.

Small Size

Small enough to fit into your pocket, truly portable. Only 15 ounces, the IC-A4 measures 2.5" (w) x 5.5" (h) x 1.5" (d).

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.

Truly Portable

The IC-A4's crisp display is easy to read and shows operating status at a glance. LCD is backlit for nighttime operation. Up/down keys allow you to change channels quickly and easily. Three speeds allow for fast or slow tuning.

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.

Plenty of Features

The IC-A4 transmits and receives on all 760 aviation channels from 118.000 to 136.975 MHz. Nineteen memory channels can be programmed for easy recall. The IC-A4 can transmit in either VFO mode or memory mode and offers two different scan modes: total-band scan and memory scan.

Multiple Battery Options

- 700 mAh Ni-Cd battery pack (BP-195, supplied) supports six hours of operation.
- An optional 1050 mAh Ni-Cd battery pack (BP-196) supports nine hours of operation.
- Optional desktop charger and adapter (BC-119/AD-81), recharges Ni-Cd batteries in 1.5 to 2 hours.
- Optional alkaline battery case (BP-194) uses eight AA alkaline batteries that operate for 10 to 12 hours.

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 : 0.7 A typical
 - Rx : 55 mA typical
 - standby : 230 mA typical
 - max. power : BNC (50 Ω)
 - max. audio : 58(W)×140.5(H)×32.3(D) mm
- Antenna connector : 2^{3/32}(W)×5^{17/32}(H)×1^{9/32}(D) in
- Dimensions (projections not included) : 425 g; 15 oz (approx.)
- Weight (incl. antenna and battery pack)

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 (1/16")/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
- Spurious response rejection ratio : Less than 25 kHz/-60 dB
- Audio output power (at 9.6 V DC) : More than 60 dB
- External SP connector : More than 500 mW at 10% distortion with an 8 Ω load

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

BP-194
R6(AA)
batteries×8*BP-195
9.6 V, 700 mAhBP-196
9.6 V, 1050 mAh

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

BC-119 DESKTOP CHARGER
+ AD-81 DESKTOP CHARGER ADAPTER

Rapidly charge battery packs. Cannot be used to charge Ni-Cd cells installed in the BP-194. Both AC and DC can be used to power the charger. The AD-81 must be purchased separately.

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

For rapid charging up to 6 battery packs. Cannot be used to charge Ni-Cd cells installed in the BP-194. Both AC and DC can be used to power the charger. The AD-81's must be purchased separately.

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

CP-12/L



OPC-254/L

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/D/V WALL CHARGER

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

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 BELT CLIP

The same as supplied.

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