

 ICOM<sup>®</sup>

VHF AIR BAND TRANCEIVER

# IC-A4 SPORT



**Proven ICOM performance  
at our most affordable price**

- **Alkaline power**
- **ICOM quality**
- **Under \$200** (Average street price in USD as of 7/00)

#### **Long lasting alkaline power**

Alkaline batteries are super convenient to use and low in price to replace. With a shelf life of up to 2 years, alkalines are ideal for the occasional pilot. Enjoy up to 10 - 12 hours of typical use.

#### **PC programmable**

PC programming allows you to customize your IC-A4 Sport in order to fully meet your communication needs.

#### **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 for both the veteran and the beginning pilot. The IC-A4 Sport's 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.

#### **Alpha memory**

The channel name function allows you to assign up to 5-character alpha names to each channel. It's 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 Sport is truly portable. It's small enough to fit into a pocket.

\* 2<sup>1</sup>/<sub>2</sub> (W) X 5<sup>1</sup>/<sub>2</sub> (H) X 5<sup>1</sup>/<sub>2</sub> (D) in

#### **Other features**

- LCD backlighting allows easy night time display reading
- EEPROM feature maintains memory channel information even if the battery power runs down
- Side-tone permits hearing your own transmitted audio while using the optional standard aviation headset adapter (U.S.A. version only)
- A variety of optional Ni-Cd battery packs available

Aircraft photo courtesy of Diamond

**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 standby : 55 mA typical  
max. audio : 230 mA typical
- Antenna connector : BNC (50 Ω)
- Dimensions (projections not included) : 58(W)×140.5(H)×32.3(D) mm  
2<sup>9</sup>/<sub>32</sub>(W)×5<sup>17</sup>/<sub>32</sub>(H)×1<sup>9</sup>/<sub>32</sub>(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 (1/16")/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  
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

## Supplied Accessories:

- Battery pack\*
- Wall charger\*
- Belt clip
- Antenna
- Handstrap
- \*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 mAh



**BP-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



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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Count on us!

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