

AH-4

Automatic Antenna Tuner



The **ICOM AH-4** automatic antenna tuner is designed to work with select ICOM transceivers including the Icom 703, 703+, 706 MkII, 746, 746Pro, 756, 756Pro, 756ProII, 756ProIII and 7000. It provides reliable matching of frequencies from 3.5 to 54 MHz when using a wire of at least 23 feet (7 m) in length. It can also be used for matching 7 to 54 MHz when used with the optional ICOM AH-2b antenna element. The built-in 8-bit microprocessor chooses the lower SWR condition from more than 1,040,000 different LC (coil/capacitance) combinations. The LC combinations of 45 previously-used frequencies are automatically memorized by the AH-4. Once a frequency is memorized, the AH-4 tunes on that frequency in less than one second. (Memories are retained only when the power is on).

The AH-4 is sealed in a plastic weatherproof case for convenient mounting outdoors under your antenna. The transceiver and the AH-4 tuner must have a proper ground connection. Use a short heavy gauge wire or strap for this. This tuner may be attached to a pole using the two supplied U Bolts, or to a flat surface (screws and bolts are supplied). [Click here to view mounting examples.](#)

The AH-4 comes with a 16 foot (5 m) control cable that connects to the rear panel of compatible ICOM transceiver. A 16 foot (5 m) raw coax cable and two PL-259s are supplied to connect the transceiver's antenna output to the AH-4 antenna input. The PL-259s must be soldered on by the user. [Click here to view wiring example.](#)

This tuner requires about 10 watts (5-15 Watts) to activate and can handle up to 120 watts. It operates on 13.8 VDC (less than 2 amps) drawn from the transceiver control cable. Size: 7 x 2.9 9.2 inches 2.65 Lbs. (172x70x230mm 1.2 kg).