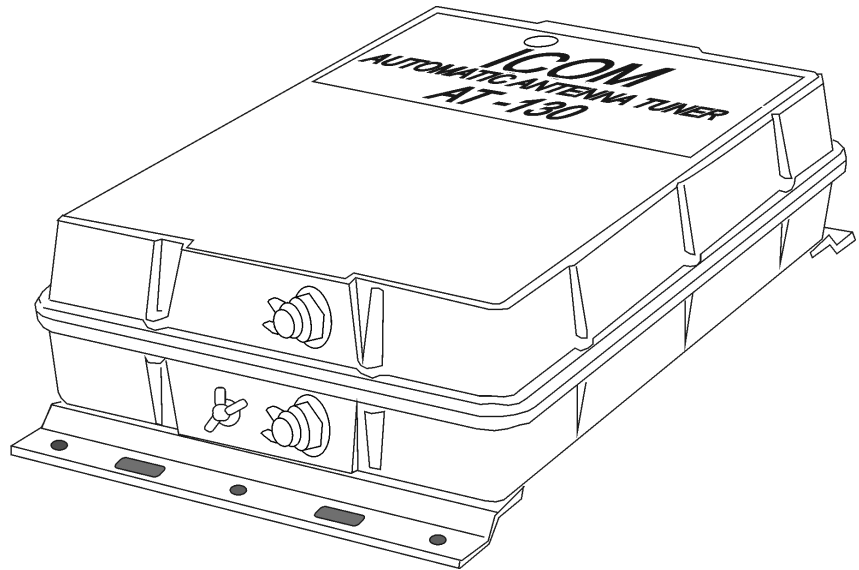


ICOM AT-130 / E ANTENNA TUNER

ICOM QUALITY – The AT-130 / E Automatic Antenna Tuner easily matches all Icom HF marine transceivers. Installation is simple and no adjustments are necessary. Just connect the control cable, antenna wire and power-up.

VERSATILE – The AT-130 / E can be used with a variety of vessels, even smaller boats that cannot use a long wire element. For example, the AT-130 / E will match a 23-ft. (7 m) long wire antenna across the marine band in the 1.6 – 27.5 MHz range.

AUTOMATIC – No manual antenna tuning is needed. Just push the TUNE switch on your Icom SSB and the AT-130 / E adjusts the antenna and the transceiver to the minimum SWR in any frequency on a HF marine or HAM band. The AT-130 / E allows you to transmit with full RF power.



RUGGED – The AT-130 / E is housed in a durable, weather-resistant acrylic case with rubber gaskets. This construction allows it to be conveniently installed near the antenna element base and give years of trouble-free service.

QUICK & EASY – The tune-up performance is less than 3 seconds in any frequency on a HF marine band. In addition, the AT-130 / E has eight convenient memories to store tuning information. Retuning for a memorized frequency takes about 1.5 seconds for quick and easy frequency changes.

LOW POWER TUNING – The AT-130 / E emits very little power (just 300 mW) during the tuning process. This reduces the possibility of causing interference to other stations using the same frequency.

SPECIFICATIONS

Dimensions	9.1W x 13.4H x 3.1D-in. (230W x 340H x 80D mm)
Weight	6-lbs. (2.7 kg)
Temperature Range	-22F to +140F (-30C to + 60C)
Rated Voltage	13.6 VDC + / - 15 % (negative ground) (supplied from an Icom HF marine transceiver)
Power Drain	2 A (at 13.6 VDC)
Frequency Coverage	1.6 – 30 MHz (with antenna length of 23-ft. (7 m) min.)
Input Impedance	50 ohms (unbalanced)
Max Input Power	150 W PEP
Input Power Tuning	10 W
Auto Tuning Time	1.5 sec. (retuning a memorized frequency) 2-3 sec. (when band has been changed)
Auto Tuning Time	VSWR 2.0: 1
Insertion Loss	0.5 dB (with a 50 ohm load, after tuning)

