

AT-130E

HF Automatic Antenna Tuner



Suitable for many applications

The versatile AT-130E can be used for any fixed or mobile station that cannot use a long wire or dipole, the AT-130E will match a 7m (23 ft) antenna across 1.6-30MHz.

Automatic Tuning

No manual tuning is needed, just push the tune button on an ICOM HF transceiver and the AT-130E automatically adjusts the antenna and the transceiver to the minimum SWR on any HF frequency between 1.6-30MHz

Weather resistant

The AT-130E has a durable, weather-proof acrylic case with rubber gaskets.

Completely Compatible

Icom's sophisticated AT-130E matches, and easily interconnects with ICOM HF transceivers. Installation is simple because no adjustments are necessary, you need never open the cover, just connect the control and antenna cables and you're ready to go.

Quick Tune Up

The tune-up time is less than 3 sec. in any HF frequency. The AT-130E has 8 convenient memories to store tuning information and remembers the setting of individual coils and capacitors after tune-up. It re-tunes to a memorized frequency in about 1.5 sec., allowing quick, trouble-free frequency changes.

Low Power Tune Up

The AT-130E emits very little output power (just 300mW) during tuning. This feature eliminates the possibility of causing interference to other stations.

Automatic Tuning

No manual tuning is needed, just push the (TUNE) switch on an ICOM HF transceiver and the AT-130E adjusts the antenna and the transceiver to the minimum SWR on any HF frequency between 1.6-30MHz. The AT-130E allows you to transmit with strong RF output power and is perfect for base or mobile operations.

Weather Resistant

The AT-130E has a durable, weather-proof acrylic case with rubber gaskets allowing installation as close to the antenna as possible, even in the worst climates.

Completely Compatible

Icom's sophisticated AT-130E matches, and easily interconnects with ICOM HF transceivers. Installation is simple as no adjustments are necessary, you need never open the cover, just connect the control and antenna cables and you're ready.

Specifications

Dimensions, (projections not inc.)	
mm	: 230(W) x 340(H) x 80(D)
inches	: 9.1(W) x 13.4(H) x 3.1(D)
Weight:	2.7kg (6.0lb)
Usable temp. range:	-30°C~+60°C
Rated voltage	: 13.6VDC±15%
Current drain (at 13.6VDC)	: 2A
Frequency coverage (when the antenna length is 23ft or longer)	: 1.6-30MHz
Input Impedance	: 50Ω (unbalanced)
Maximum input power	: 150W (PEP)
Input power during tuning	: 10W
Auto-tuning time	: 1.5 sec. (re-tuning for a memorized frequency)
	: Typically 2-3 sec.
(When operating band has been changed)	
Auto tuning accuracy	: VSWR 2.0:1
Insertion loss	: 0.5dB (with a 50Ω load, after tuning)

E&OE.