

ONWA

HF AUTOMATIC ANTENNA TUNER MODEL **KAT-130**

TUNE IN YOUR HF MARINE WORLD



Suitable for varies vessels

The versatile KAT-130 can be used with a variety of vessels, even smaller boats that cannot use a long antenna element

Automatic tuning

No manual tuning is needed. Just push the [TUNE] switch on HF marine transceiver; the KAT-130 adjusts the antenna and the Transceiver to the minimum SWR in any frequency on an HF marine band. The KAT-130 allows you to transmit with strong RF output power, and is perfect for maritime mobile operations.

Whether resistant

The KAT-130 is housed in a durable, completely weather-resistant acrylic case with rubber gaskets. This allows it to be conveniently installed near the antenna element base.

For varies HF marine transceivers

Onwa's sophisticated KAT-130 easily matches varies HF marine transceivers such as Icom, Kenwood etc. KAT-130 installation is simple. No adjustments are necessary. Just connect the control cable and antenna wire and go !

Quick tune-up

Improved tuning performance...the tune-up time is less than 15 seconds in any frequency on an HF marine band. In addition, the KAT-130 has 40 convenient memories to store tuning information. Retuning for a memorixed frequency takes about 1.5 seconds. This allows you quick trouble-free frequency changes.

Low power tune-up

The KAT-130 emits very little output power(just 300 mW) during the tuning process. This reduces the possibility of causing interference to other stations using the frequency.

SPECIFICATION

- **Dimensions:** 230(W) x 340(H) x 80(D) mm; 9.1(W) x 13.4(H) x 3.1(D) in (projections not included)
- **Weight:** 2.5 kg; 5.5 lb
- **Usable Temperature Range:** -30°C ~ +60° C
- **Rated Voltage:** 13.6 V DC +/-15% (negative ground) (supplied from an HF marine transceiver)
- **Current Drain (at 13.6 V DC):** 2 A
- **Frequency Coverage:** 1.6~30 MHz

Lowest Frequency in use	Length of antenna
1.6MHz	12 meters or longer
4MHz	3 meters or longer
8MHz	2 meters or longer

- **Input Impedance:** 50 ohms (unbalanced)
- **Max. Input Power:** 150 W (PEP)
- **Input Power During Tuning:** 10 W
- **Auto Tuning Time:** 1.5 sec. (returning for a memorized frequency), typically 2~3 sec. (when operating band has been changed)
- **Auto Tuning Accuracy:** VSWR 2.0:1
- **Insertion Loss:** 0.5 dB (with a 50 ohms load, after tuning)

