


ICOM

AUTOMATIC ANTENNA TUNER

AH-4



Tune-up from HF through 50 MHz band

Tunes wide frequency coverage

Covers all amateur bands from 3.5 MHz through 50 MHz with a 7 m (23 ft) or longer wire antenna, or the optional AH-2b ANTENNA ELEMENT.

Compact yet durable

The AH-4 measures only 172(W)×71(H)×230(D) mm*, for easy installation in a variety of locations, outdoors, on a back porch or in your vehicle. Weather-resistant construction, using rubber gasket seals, enables operation in all conditions.

*625/32(W)×225/32(H)×91/16(D) in

Full automatic tuning

The AH-4 is designed for use with Icom HF transceivers*. Just push [TUNER] switch on the transceiver and the AH-4 adjusts immediately to the minimum SWR. The AH-4 automatically performs tuning operations for mode, power settings, etc. The average tune-up time is less than 2.5 sec. on each band.

*Ask about Icom HF transceivers at your nearest authorized Icom dealer.

Ample memory channels for quick tuning

Up to 45 memory channels store minimum SWR settings to provide quick re-tuning.

Mobile operation

Mobile operation is possible with the optional AH-2b ANTENNA ELEMENT. The AH-2b includes a sturdy bumper mount antenna and can hold a 2.5 m (8.2 ft) stainless steel antenna plus necessary hardware. This combination system provides 7–50 MHz band mobile operation.

Low power tune-up

The AH-4 emits only 300 mW of RF output while tuning. This eliminates the possibility of interference with other stations.

Simple installation

The installation is simple. No adjustments are necessary. Just connect the control and antenna cables.

Icom Inc.

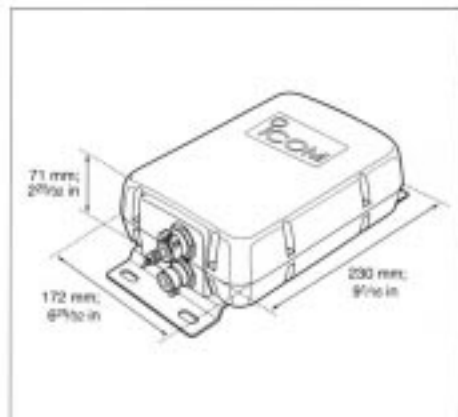
SPECIFICATIONS

- Tunable frequency range : 3.5 MHz to 54 MHz
(with a long wire antenna, 7 m; 23 ft or longer)
7 MHz to 54 MHz (with an optional AH-2b)
- Maximum input power : 120 W PEP
- Input impedance : 50 Ω
- Input power requirement for tuning:
10 W (5–15 W)
- Auto tuning time : Approx. 1 sec.
(retuning for a memorized frequency)
Approx. 2–3 sec.
(when operating band has been changed)
Max. 15 sec.
- Auto tuning accuracy : VSWR 2.0:1 or less
(except 1/2 of antenna length and its multiples)
- Power supply requirement : 13.8 V DC ±15 % (negative ground)
- Current drain : Less than 1 A
- Number of memory ch. : 45
- Usable temperature range : -10°C to +60°C; +14°F to +140°F
- Dimensions (proj. not incl.) : 172(W)×71(H)×230(D) mm
; 6²⁵/₃₂(W)×2²⁵/₃₂(H)×9¹/₁₆(D) in
- Weight : 1.2 kg; 2 lb 10 oz

All stated specifications are subject to change without notice or obligation.

Supplied accessories

- Mounting kit
- Control cable (5m; 16 ft 5 in)
- Insulation cover
- PL-259 plugs
- Coaxial cable (5 m; 16 ft 5 in)

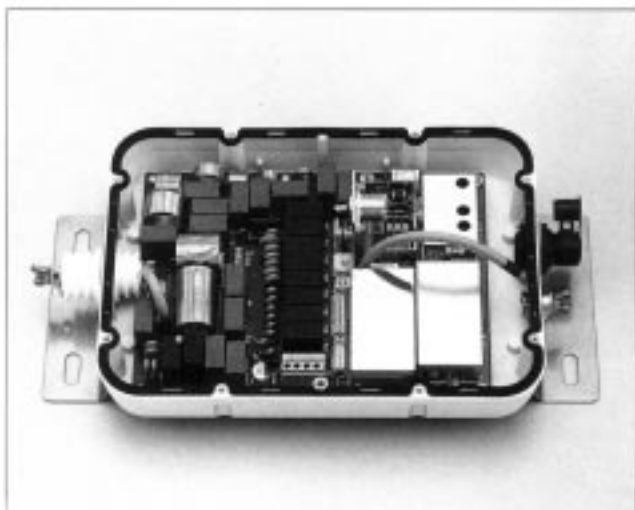


OPTION



- **AH-2b ANTENNA ELEMENT**
For mobile operation, etc. Covers 7 MHz to 54 MHz with the AH-4. Bumper mount and hardware included.
- Element length : Approx. 2.5 m; 8.2 ft
- Feedline length : Approx. 0.9 m; 3.0 ft
(between the AH-4 and AH-2b)
- Freq. coverage : 7–54 MHz bands
(with the AH-4)

INTERNAL VIEW



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Count on us!

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