

0620914 AT-01 2~60 MHz Auto Tuner



Rugged Construction

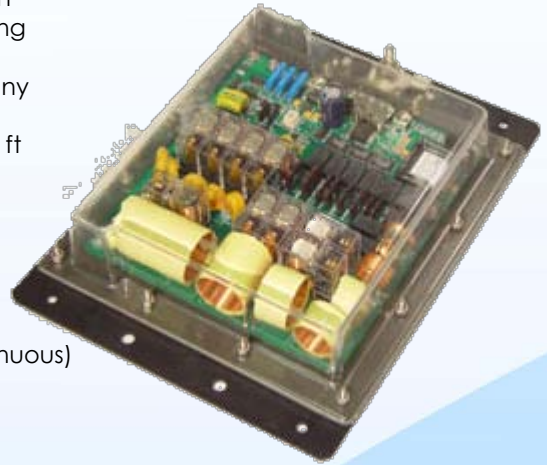
Built to Last

The AT-01 Auto Tuner is designed with high density surface mount components on a 4 layer PCB, providing high efficiency, reliability and performance. The PCB is mounted on a sturdy chassis plate which provides an excellent electrical and RF ground system. The unit is fully waterproof (under 2 ft of water for 24 hours). The case is weather resistant, high grade ABS plastic that is sealed at the factory.

Multiple Applications

Use for base, mobile, portable, marine or aviation.

The AT-01 is our most popular Auto Tuner. It's rugged construction and small size allow maximum flexibility. It has a 100W power rating and additional frequency coverage to 60MHz, matching it perfectly with the most popular HF transceivers. It will work with any balanced or unbalanced antenna including whips, backstays, dipoles, loops and long wires, and requires a minimum of only 28 ft of antenna for full coverage operation.



Technical Specifications:

- HF Frequency Range.....1.8 to 60 MHz
- Power Input Range.....3 to 100W (PEP) and 40 W (continuous)
- Input Impedance Range.....45 to 55 \square
- VSWR.....Typical: Less than 2:1
- DC Input Requirement+13.8 VDC (nominal)
- DC Operating Range+10.5 to 18 VDC
- Input Current.....300 mAmps
- Average.....Typical: Less than 2 seconds
- Recurrent set time.....Typical: Less than 10 milliseconds
- Memory Capacity.....170 non-volatile locations
- Possible Tuning Combinations.....1/2 million
- Antenna Length.....Minimum lengths: 7 feet (3.5 to 60 MHz) / 28 feet (1.8 to 60 MHz)
- Installation.....Any, ideal at antenna feed point
- Operating Temperature.....-35 to +70 °C
- Size (L x W x H).....6 x 7 x 1.5 inches
- Case Construction.....Waterproof ABS plastic cover
- Control Cable.....Shielded 4 conductor RG-58 Coax with PL-259 connector
- Control Cable Length.....9 feet standard, custom to order
- Options / Accessories.....Smartlock
- Case Construction.....Waterproof ABS plastic cover
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Packaging

Card board box, one Auto Tuner per box

Warranty

12 month (Please refer to Benelec Standard Warranty Terms and Conditions)