

RangeMaster Transmitters, Inc. Model AM1000

Part 15 FCC type accepted AM band transmitter. The AM1000 is professional equipment built for years of service, and is designed for community radio, or other uses where long range is important. The AM1000 comes in a heavy duty fiberglass outdoor weatherproof enclosure and uses a standard 8.5 foot steel whip antenna. Here is what puts the AM1000 in a class of it's own:

- More range! The AM1000 doubles the field strength of it's biggest competitor. (A real estate type AM transmitter). Customers achieve 1-2 miles radius range or more.
- Great Sound! No real estate type transmitter here.
- Asymmetrical modulation capability! This is the only Part 15 transmitter in the industry with this feature. You can modulate the AM1000 up to 127% and legally achieve better range. You will sound like a 1000W station! (You will need an audio processor capable of asymmetrical modulation such as the Inno-sonics 222).
- Quality! The AM1000 is built for years of service.
- Multiple Transmitters! The AM1000 has an RS485 interface which allows it to be synchronized with other AM1000 units.
- Fully legal to operate! FCC type accepted.

RangeMaster Transmitters, Inc.

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www.am1000rangemaster.com

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The basic AM1000 is crystal controlled, or you can add the AM1000F agile module to easily change frequency without the need for crystals. The AM1000BR (mounting bracket) will mount the unit to a 1.25" or 2" mast. Also available is the AM1000T which will flash a green light when you are at the legal .1 Watt power level. The unit is typically installed with materials available from Lowe's and/or Radio Shack (mast, ground wire, mast mount, hardware). Unit dimensions: 4.65" x 3.64" x 8.65" (11" length with antenna mount). Weight is 3 lbs, allow 5 lbs for Am1000 with mount bracket and antenna.

Available options: (AM1000BR Mount Bracket not pictured)



**AM1000T
Set Power
Module**



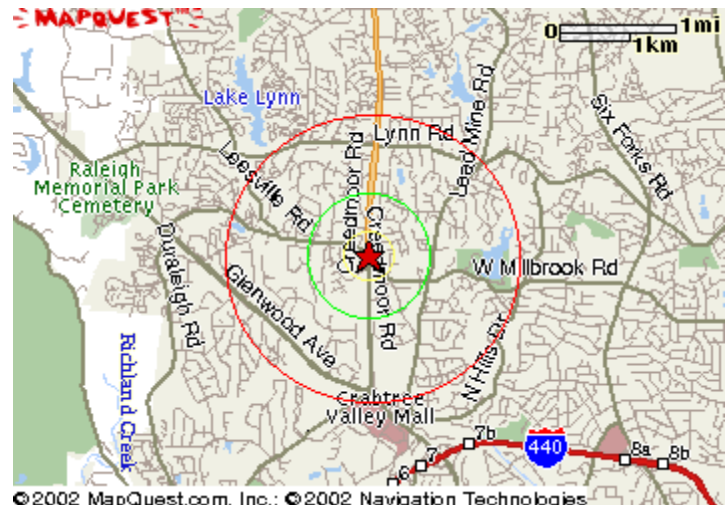
**AM1000F
Agile module**



LID NOT SHOWN

Product Specifications

Modulation: 127% Pos Peaks
Freq Response: 20Hz 20Khz
Power Out: 10mw—Approx 750mw
Audio In Imp: 600 ohm bal
Power In: 12V-18V Approx 100 ma



Above notice the inner **Yellow** circle, which represents the terrible range of most other Part 15 transmitters!

The **Green** circle represents what you should expect with Rangemaster with a poor to average installation

The outer **Red** circle represents what can be achieved with a good installation, (unit up high, good ground).

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