

Remote Tuned AM Loop Antenna – For Fringe Use

Code: C-LOOP-HDREMAM-II



Description:

This is our highest performance Shielded Magnetic Amplified Loop Antenna for AM Radio featuring a remote controlled tuning system, so you can mount the Loop outdoors on a pole and control the tuning indoors beside your radio! Our Electrostatic Shielding and High-Q Tuning gives a signal peak right on station, boosting weak signals, rejecting interference and enhancing reception quality.

This Antenna is designed for a wired or direct connection to AM Radio Receivers that have available external Antenna and Ground connections, including Amateur and Professional Receivers. It can be supplied with a variety of cable & connector types to suit your radio. We also make a Loop Coupler for radios that have an internal ferrite rod Antenna. It is the ideal antenna for Long Distance AM listening of low or weak signals. With this product we hope to increase your choice of stations and the quality of your listening experience!

Note: Even with our Loop Antenna, occasionally good reception is hard to obtain, AM Radio is subject to the effects of signal propagation, the time of day and is greatly influenced by local interference from Electronic and Electrical Appliances. To obtain the best results, we recommend mounting the antenna well away from potential sources of interference.

Specifications:

- Frequency coverage – AM operation covering 520 to 1725 KHz
- Heavy Duty IP-56 Rated PVC 30cm – 12” Diameter Antenna
- Features a High Performance Pre-Amplifier with diode protection fitted with BNC or F connectors
- Versatile power requirements and low power consumption. (<25mA@13.8v DC)
- Our products are proudly designed and manufactured in Australia.

Supplied accessories:-

- 1 x Loop Antenna and instructions
- 1 x Control Box, with Manual Tuning control
- 1 x Australian/New Zealand 240 volts AC to 12 volts DC Plug Pack
- 1 x 2m BNC / F to open ends cable for your radios Antenna & Ground terminals.
- 1 x L-Mounting bracket including 4x Screws for loop base

Available Options:-

- 2 x 10m BNC /F to BNC / F cables to connect Loop to Control Box.
- AM Loop Coupler for radios with an internal Ferrite rod (ie those without external antenna connections)
- Internal twin 9volt Battery holder (batteries not included)
- Available cable and connectors; BNC, PL-259, F-Connector, Car Radio plug and 3.5mm mini phono etc
- Fused Cigarette Lighter power Cable
- Tuning Presets for 2 stations
- 2nd Output for HiFi Tuner or Loop Coupler

PK's Loop Antennas ABN 76 271 051 082

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Operation:

1. Connect the long cables marked “Tune” and “Out/Pwr” to the matching sockets on the Loop Antenna base and Control box. Note: If these cables are inadvertently swapped over, no damage will occur, the antenna will simply not function!
2. Connect your Receiver to the connector marked “RADIO” on the control box.

NOTE: Never Connect the radio to the Loop/Power connector as there is DC Voltage present and damage to your radio will occur.

3. Insert the Power connector into the DC Jack on the rear of the Control box and apply power.
4. Tune your radio to the desired stations frequency.
5. Slowly turn the Manual Tune control to the point of strongest reception.
6. Orientate the Loop Antenna to obtain the clearest reception.

Customised Control Boxes:-



with Internal Battery Holder

Car / Mobile

with RF Gain Control

Notes:

- 1/ Depicted above are some typical examples of customised control boxes which are dependant on ordered options and your requirements.
- 2/ To obtain the best results always use good quality coaxial cables, as some cables have poor screening and unwanted signals may be picked up by the cable.
- 3/ DC operation will give the best signal to noise performance of your receiver and the loop system.

Please enjoy using your new Remotely Tuned AM Radio Loop Antenna !

Regards
Paul Karlstrand

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