

## Thank you for purchasing The Wolf River Silver Bullet 1000 Variable Tune Antenna Coil.

This variable tune antenna coil tunes 80 thru 6 meters depending on the length of the whip used, no tuner needed. This coil can has been tested and use with antenna whips from 102 inches and as little as 36 inches. Your coil has been tested prior to shipping.

- Mount your coil using a heavy duty 3/8 24 antenna mount. If coil will be installed for home or for portable use, install using ground wire counter poise cut at the lowest operating frequency used. **NOTE: When tightening the coil down it is best to use the top coupling nut to tighten down, and when removing the coil, use the very bottom nut to remove the coil.**
- Mount antenna whip, a standard 102 inch CB antenna whip works well.
- Connect to your radio and turn radio to operating frequency.
- Slide tuning coupler up and down coil until maximum noise or signal is received. Fine tune for lowest SWR
- Use nylon bolt to lock down tuning coupler to maintain your low SWR.

Do not use this coil in excess of 500 watts. The coil is not rated but it has been tested for many months running 300 watts. While the coil is capable of RF power level up to 500 watts, the coil will heat up and can cause damage if running at 500 watts for an extensive time.

I have been running mobile HF my entire amateur career, over 34 years of mobile HF operation. I have used Hustler, Opex, Ham Stix, Outbacker and for many years High Sierra Screwdriver. This coil and whip combination has preformed as well or out preformed each antenna I have used in the past. It is simple, straight forward and easy to maintain.

Use of the coil on 80 meters is very dependent on whip length, the longer the better. For 6 meter or 10 meters a shorter whip is required, 54" or less for 6 meters. As will most antennas car bodies and metal structures will have an affect with your performance. We offer the Silver Bullet 500 which in conjunction with a 54" whip will work 6 meters thru 40 meters also at power levels of 300 watts.

We work hard on providing the best homemade antenna coil possible. If for any reason you have questions or suggestion concerning your tuning coil please contact us at [www.wolfrivercoils.com](http://www.wolfrivercoils.com) we will be happy to respond. Your comments and suggestions are appreciated. As our customer's base is expanding we are asking if you can please send us a picture and a brief description on how you are using our coils. We would like to add these pictures to our website. Please send us your pictures to [wrcoils@hotmail.com](mailto:wrcoils@hotmail.com).