

**STRYKER**

# **SR-A10**

**10,000 Watt Capability**

**2 Year Warranty**

**CB & Amateur Radio Antenna**

**USER'S MANUAL**

**READ THIS MANUAL BEFORE OPERATION**

## **INTRODUCTION**

Congratulations on the purchase of your Stryker Antenna. Your Stryker is designed to provide years of enjoyment and trouble-free service. To ensure that your investment is enjoyed to its fullest extent, please take a few moments and thoroughly read this manual.

## **LIMITED WARRANTY**

Stryker Radio warrants this product to be free of defects for a period of two (2) years from the original date of purchase. This warranty is non-transferable. Warranty does not cover damages caused by abuse, misuse, negligence (i.e. hitting overhead objects), improper installation, etc. These are considered to be avoidable circumstances and are not covered by warranty. The coaxial cable is warranted for a period of 1 year, and does not include pinching or cutting of the cable by the door, window or trunk lid. If your Stryker Antenna needs repair any time during the (2) year warranty period please visit our website: [www.StrykerRadios.com](http://www.StrykerRadios.com) to obtain an RA number or call 910-221-1086 between the hours of 10 a.m. – 5 p.m. Eastern standard time.

## **IMPORTANT: RETAIN YOUR SALES RECEIPT**

You will need to include a copy of your original sales receipt along with your antenna when sending it in for warranty repair.

# INSTALLATION

## 1. Contents

Unpack and inspect your Stryker SR-A10 for missing or damaged Components.

<u>Quantity</u>	<u>Description</u>
1	Stryker SR-A10 Antenna
1	Weather Cap
1	Allen Wrench
1	PL-259 Connector

### Caution

Small particles on car service or bottom of magnet can damage the car's paint surface. Clean surface of car and bottom of magnet with soft towel or rag before installing on a vehicle.

When removing the antenna, grasp the coil portion of the mouth firmly and tilt the antenna towards you. This will break the magnetic force and allow you to lift the antenna off of vehicle without scratching the paint. Do not slide twist magnetic mount while on vehicle.

# SWR INFORMATION

## 1. Choose a clear location to adjust the SWR

Antennas are very sensitive to objects close to them. Go to an open area to tune your antenna, such as a parking lot. This can be done at home, providing you are not close to the house. Do not try to tune inside a building, under trees, near or under power lines, nor with someone standing next to the antenna. This distorts the signal and causes a reflection back into the antenna giving false readings. Also, close all doors, the hood and trunk lid.

## 2. Setting the SWR

1. Test with the radio only. If you have an amplifier, either turn it off, or preferably remove from installation.
2. Insert the antenna whip 1 into chrome antenna adjustment mast at the top of the coil.
3. Using either the meter built into the radio or a good external SWR meter, calibrate on channel 20. Switch back to SWR and record the readings on three channels 1, 20, & 40.
4. If the lowest SWR reading occurs on channel 1, the antenna whip is too long and must be shortened. Loosen the mast set screws and lower the whip 1/4 into the mast.

## **SWR INFORMATION (continued)**

Tighten mast set screw and again read SWR. Repeat until lowest SWR is obtained.

If the whip is fully lowered into mast and the SWR is still high, remove the whip from mast. Using a hacksaw, grinder, or bolt cutters, cut 1/4 from the bottom part of the whip. Re-insert the whip into the mast and test again for SWR. Repeat the above procedure until the SWR is below 1.5 of all channels.

If the lowest SWR reading occurs on channel 40, the antenna whip is too short and must be raised. Loosen the mast set screws and raise the whip 1/4, re-tighten set screws and test SWR again. Repeat the above procedure until the SWR is below 1.5 of all channels.