

# Antenna Installation Guide



Desktop Antenna  
800/1900 MHz  
w/ 5' RG174 Cable  
& FME Connector

**Features:**

- Easy to install
- Compatible with Wilson amplifiers (sold separately)

### **30-Day Money-Back Guarantee**

All Wilson Electronics products are protected by Wilson's 30-day money-back guarantee. If, for any reason, the performance of any product is not acceptable, simply return the product directly to the reseller with a dated proof of purchase.

### **90-Day Warranty**

Wilson Electronics antennas are warranted for ninety (90) days against defects in workmanship and / or materials. Warranty cases may be resolved by returning the product directly to the reseller with a dated proof of purchase.

Antennas may also be returned directly to the manufacturer at the consumer's expense, with a dated proof of purchase and a Returned Material Authorization (RMA) number supplied by Wilson Electronics. Wilson shall, at its option, either repair or replace the product. Wilson Electronics will pay for delivery of the repaired or replaced product back to the original consumer.

This warranty does not apply to any amplifiers determined by Wilson Electronics to have been subjected to misuse, abuse, neglect, or mishandling that alters or damages physical or electronic properties.

RMA numbers may be obtained by phoning Technical Support at 877-594-5766.

### **How it Works**

The Desktop Antenna transfers the improved signal from the amplifier (sold separately) to one or more cell phones or cellular data cards.

The Desktop Antenna works with any of Wilson's in-building wireless amplifiers, which support multiple cell phones and data cards simultaneously.

Consult the user guide for your particular amplifier for more specific instructions on use of the Desktop Antenna. Or, contact our Technical Support Department at 877-594-5766.

### **Inside this Package**



Desktop Antenna  
with attached 5' cable

**Disclaimer:** The information provided by Wilson Electronics, Inc. is believed to be complete and accurate. However, no responsibility is assumed by Wilson Electronics, Inc. for any business or personal losses arising from its use, or for any infringements of patents or other rights of third parties that may result from its use.

## Installing the Antenna

Find the desired location for the desktop antenna. Verify that the desktop antenna and the outside antenna have the necessary separation (see amplifier instructions for requirements.)

Face the Wilson logo on the antenna in the direction of usage area. (see illustration below)

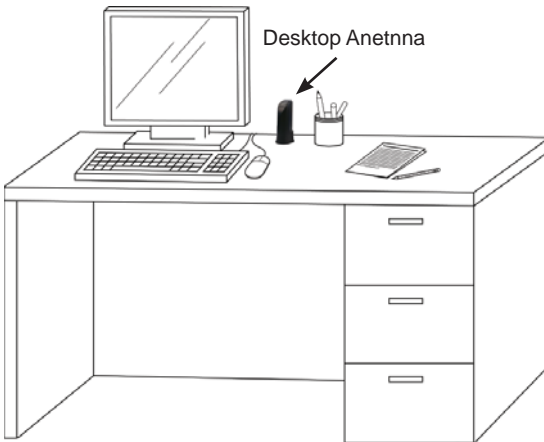
Make sure the inside desktop antenna is facing away from the outside antenna.

**The desktop antenna may work with any in-building wireless amplifier.**

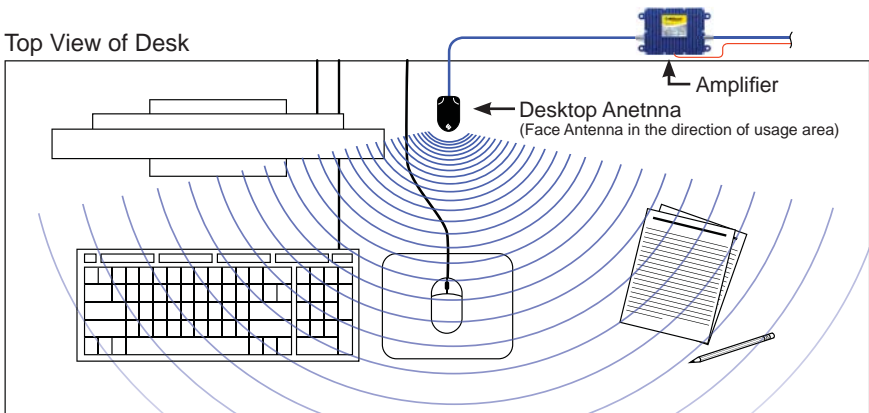
**For questions or comments, please contact Technical Support toll free at 877-594-5766, email [wpsantennas@wpsantennas.com](mailto:wpsantennas@wpsantennas.com) or visit [www.wpsantennas.com](http://www.wpsantennas.com)**

**Warning:** There must be a separation of at least 20 feet between the inside and outside antennas.

**Warning:** The desktop antenna must have a separation of at least 24 inches from all persons during normal operation.



Top View of Desk



## Antenna Specifications

Part Number	301208
Frequency Range	806-894 MHz / 896-939 MHz 1850 - 1990 MHz
Impedance	50 ohms
Antenna Gain	4.5 dBi 806-894 MHz / 4.9 dBi 896-939 MHz 4.0 dBi 1800-1990 MHz / 2 dBi 1710-1800
Radiation	Directional - 100° Horizontal Beam Width
Polarization	Vertical
Ground Plane	None Required
Connector	FME - Female / FME - TNC Male

## Wilson Amplifiers Boost Coverage

When used in conjunction with your antenna, a Wilson Amplifier can improve your cell phone and laptop data card coverage area up to 50 miles. Wilson manufactures a wide range of wireless and direct-connection amplifiers for mobile or in-building use. See your dealer for details or visit [www.wpsantennas.com](http://www.wpsantennas.com).



3301 East Deseret Drive, St. George UT 84790

For additional Technical Support visit

[www.wpsantennas.com](http://www.wpsantennas.com)

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