



# Vaddio™ 2.4GHz Antenna Extension Kit for the EasyTalk™ Wireless Lav and the AutoTrak™ 2.0 Wireless Lanyard Mic

## Antenna Extension Kit

P/N: 999-1234-000 Worldwide (North America & Int'l)

### System Includes:

- One (1) ½ -Wave 2.4 GHz Desktop Base Antenna with 2' (610mm) attached cable and RP-SMA connector for the AutoTrak or EasyTalk Wireless Receiver
- One (1) ½ Wave, 2.4 GHz Whip Antenna with RP-SMA connector for the Belt Pack
- One (1) Quick-Start Guide (this document)



### OVERVIEW:

The EasyTalk Wireless Audio Receiver and the Belt Pack Transmitter used with the AutoTrak 2.0 and the EasyTalk Wireless Lav has an Optional Antenna Extension Kit available. The Extension Kit improves both the transmitter gain and receiver strength by replacing the ¼-wave original antennas with the optional ½-wave antennas. For most applications, the ¼-wave antennas work fine, but in areas with 2.4 GHz interference and a rack packed full of equipment, sometimes higher gain antennas are required. These new antennas provide an additional 6db of gain when added to the system. The antennas maximize performance of the EasyTalk Wireless Audio Systems and attach using a standard Part 15 compliant RP-SMA connector. Overall, the 1/2-wave, 2.4GHz antennas deliver outstanding performance in rugged and totally attractive packages.

### GENERAL APPLICATION:

If transmit and receive levels are low or are subjected to environmental interference, the Antenna Extension Kit and a simple repositioning of the receiver may improve system transmission and reception. If the EasyTalk Receiver is rack mounted, please relocate receiver near the top, or on top of the rack enclosure. Please position the receiver away from other high emission equipment (monitors, multiple rack mount monitors, codecs, other wireless systems, etc...).

### STEP BY STEP INSTRUCTIONS:

- 1) Remove the original ¼-wave antennas that came with the receiver and belt pack and retain for future use.
- 2) Attach the ½-Wave Desktop Base Antenna to the RP-SMA connector on the front panel of the wireless receiver and place the base antenna on top of the rack enclosure.
- 3) Attach the ½-Wave whip antenna to the Belt Pack used with the AutoTrak 2.0 Lanyard Mic or the EasyTalk Wireless Lavalier Mic system.
- 4) Test the system accordingly for gain and extraneous interference in the 2.4 to 2.5 GHz band.

**Note:** An in-room installation or line of sight (avoiding concrete walls) is highly recommended for best performance.

### INTENDED USE:

These products were designed, built and tested for use indoors and to support the aforementioned products in the document only. Using these devices for any other product could may not work properly or create potentially unsafe headache condition.

**HARDWARE WARRANTY:** Please see the Vaddio website at <http://www.vaddio.com> for the Vaddio Statement of Warranty for all Vaddio Products. The Statement of Warranty covers the policies and procedures of the Hardware Warranty, Exclusions, Customer Service, Technical Support, Return Material Authorizations (RMA), Voided Warranty, Shipping and Handling and Products Not Under Warranty. The Vaddio Warranty Statement supercedes all other published warranty statements in content and coverages. Vaddio Technical Support can be contacted through the Vaddio website or through e-mail support at <mailto:support@vaddio.com>.