

WINEGARD® UHF MEDICAL TELEMETRY LINE AMPLIFIER

Model TA-3616
(606 to 616 MHz)

Model TA-1626
(602 to 626 MHz)

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE
THIS APPLIANCE TO RAIN OR MOISTURE.

DESCRIPTION

Winegard's TA series line amplifiers are designed to overcome coax line loss between Biotelemetry antennas and receivers. The amplifiers feature low noise figure and excellent match to insure faithful signal transfer. These amplifiers pass power from output to input allowing several to operate in cascade with a single power supply at the receiver. The internal regulated supply will provide the correct operating voltage when a nominal +14 to +24 VDC is available at the amplifier. Has -20dB test point to allow you to monitor system performance. Side mounted LED to indicate line power.

OPTIONAL INSTALLATION

A high quality 75 ohm coaxial cable should be used in the system. As DC current is passed through the cable to power the amplifiers, DC resistance of the cable should be considered.

STEP 1. DO NOT plug power supply into 117 VAC until all connections are made.

STEP 2. Optional: If mounting tabs are used, remove 2 screws from back cover of amplifier and attach mounting tabs supplied. Replace screws.

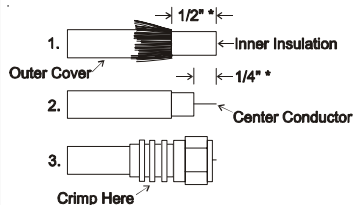
STEP 3. Mount amplifier appropriately **either vertically or horizontally using screws (not supplied)**. (If mounting vertically, OUT TO RECEIVER jack should be down).

STEP 4. Install connectors per instructions on this sheet and attach cable from antenna to jack marked "IN FROM ANTENNA" on amplifier.

STEP 5. Attach connector on cable going to power supply to jack on amplifier marked "OUT TO RECEIVER".

STEP 6. After system test, attach terminator to Test Port. (TT-5900 enclosed with unit).

INSTALLING FC-5910/ FC-5610 CONNECTORS ON COAX CABLE



STEP 1: Strip outer cover back 1/2" from end of cable. Fray braid back as far as outer cover will allow.

STEP 2: Trim braid close to outer cover and remove 1/4" of inner insulation **being careful not to nick center conductor**. Make sure no foil or braid can touch center conductor.

STEP 3: Slide connector tip between braid and inner insulation (braid and foil, on foil shield cable) and push connector on cable as far as it will go. Crimp built-in ferrule with proper crimping tool. **Hex connector requires hex crimping tool. Do Not** crush cable out-of-round.

* If installing in very hot weather, increase these dimensions 1/8".

CONSUMER 90 DAY WARRANTY

The Winegard Company warrants this Winegard product against any defects in materials or workmanship within 90 (ninety) days from date of purchase. No warranty claim will be honored unless at the time the claim is made, you present proof of purchase to an authorized Winegard dealer (if unknown, please contact Winegard Company, 3000 Kirkwood Street, Burlington, IA 52601-2000, Telephone 800-288-8094).

Winegard Company (at its option) will either repair or replace the defective product at no charge to you. This warranty covers parts, but does not cover any costs incurred in removal, shipping or reinstallation of the product. The warranty does not extend to products which have been subjected to misuse, improper installation, or to damage caused by wind, lightning, ice or other occurrences over which the manufacturer has no control.

The 90 Day Warranty is provided on the condition that the equipment is properly delivered with all handling and freight charges prepaid to your Winegard dealer for return to our factory for repair or replacement. Winegard dealers will arrange for the replacement or repair and return to you without charge the product which failed due to defective material or workmanship.

WINEGARD COMPANY WILL NOT ASSUME ANY LIABILITIES FOR ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, MADE BY ANY OTHER PERSON.

ALL OTHER WARRANTIES WHETHER EXPRESS, IMPLIED OR STATUTORY INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY ARE LIMITED TO THE 90-DAY PERIOD OF THIS WARRANTY.

The foregoing shall be the sole and exclusive remedy of any person, whether in contract, tort or otherwise, and Winegard shall not be liable for incidental or consequential damage or commercial loss, or from any other loss or damage except as set forth above.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion of limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Rev. 2/08

