

# Channel Master® TITAN 2™ UHF/VHF/FM ANTENNA AMPLIFIERS INSTRUCTION SHEET

## FEATURES

Model 7775 UHF Amplifier - Gain 26dB

Model 7776 VHF Amplifier - Gain 23dB

Model 7777 UHF/VHF Amplifier - Gain 26dB UHF, 23dB VHF

Model 7778 UHF/VHF Amplifier - Gain 23dB UHF, 16dB VHF

All models feature 75 Ohm inputs and outputs.

All models use Model 0747 117VAC Indoor Power Supply.

Models 7776, 7777 and 7778 feature a switchable FM trap. It is factory set "in".

Models 7777 and 7778 may be configured for either a single UHF/VHF input or separate UHF and VHF inputs.

It is factory set to "single UHF/VHF input".

## OUTDOOR AMPLIFIER INSTALLATION

1. Ensure correct setting of FM trap (Models 7776, 7777 and 7778). Ensure correct setting of VHF input (Models 7777 and 7778). To change either of the above, see Figure 1.
2. To install 75 Ohm coaxial cable, first determine the proper length of cable required between the antenna and the pre-amplifier; also between the power supply (Fig. 3) and the pre-amplifier. Next, slip a weather boot (provided) over the cable. Attach male "F" connectors to the cable ends. When the "F" connectors have been attached, slip the weather boot up over the "F" connector of the pre-amplifier. If the antenna is 300 Ohms, use a balun, e.g. Channel Master Model 0090 as shown in Fig. 2.

### NOTICE TO CATV SYSTEM INSTALLER

This reminder is provided to call the CATV System Installer's attention to Article 820-40 of the NEC that gives guidelines for grounding. NEC Article 820-40 specifies that the cable ground shall be connected to the grounding system of the building at a point closest to the cable entry as practical.

3. Using the U-bolt, flat washers, star-lock washers and hex nuts provided in the hardware bag, mount the amplifier to the mast as shown in Figure 2. Note: The amplifier is to be mounted with the connections facing downwards. It may be mast or wall mounted.

## INDOOR POWER SUPPLY INSTALLATION:

1. Choose a location for mounting the indoor power supply as close to the television set and a 120 volt 60 Hz AC electrical outlet as possible. Using the two screws provided, mount the power supply to the wall or any flat surface. See Figure 3. **Caution: Do not cover the ventilation openings on the TV set with this unit.**
2. Attach a male "F" connector to the other end of the coaxial cable that has been run to the indoor power supply location from the outdoor antenna amplifier. Connect this cable to the connection labeled "FROM ANT" on the power supply.
3. Next, connect a length of 75 Ohm coaxial cable from the connection labeled "TO TV" on the power supply to the television set. Note: For television sets that have separate UHF and VHF terminals—use a Channel Master UHF/VHF band separator to make the proper connections.
4. Finally, plug the AC cord into the electrical outlet. Note: This is a solid state unit, no warming up time is required. Current drain is minimal (less than an electrical shock) so that the unit may remain plugged-in at all times.



To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.

Presence of uninsulated "dangerous voltage" within the product's enclosure may be of sufficient magnitude to constitute risk of electric shock.



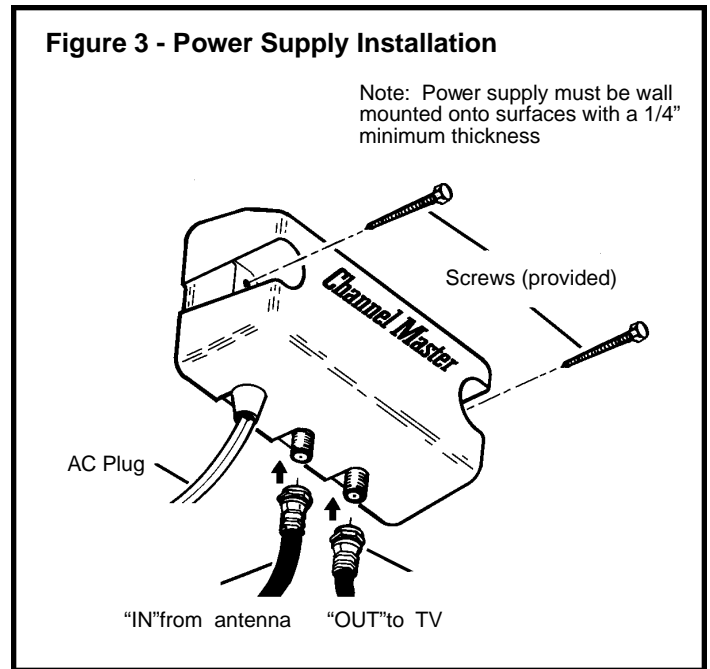
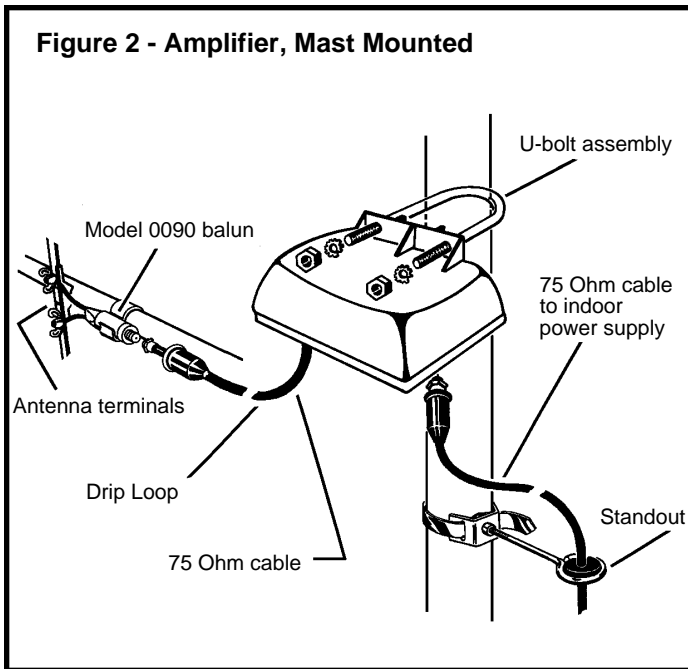
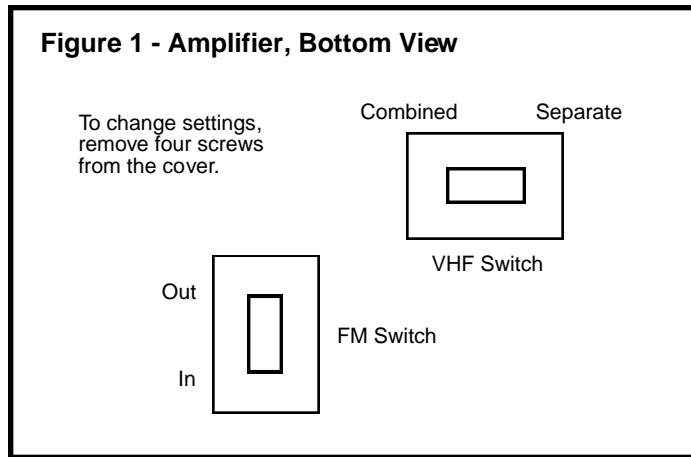
The presence of important operating and maintenance instructions are contained in the literature accompanying this product. Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

## WARNING:

**TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE POWER SUPPLY TO RAIN OR MOISTURE.**

## FM TRAP (where applicable)

This broadband trap is shipped with the switch in the "IN" position, thus eliminating FM signal. If FM signals are desired, slide the switch to the "out" position. See Figure 2. FM interference is indicated by a "herringbone" pattern appearing on any VHF channel (2 through 13). If this type of interference is present, be sure that the FM trap switch is in the "IN" position.



**LIMITED 90-DAY REPLACEMENT WARRANTY**

This Channel Master® product is warranted to be free from defects in material and workmanship under normal use and service for a period of 90 days after purchase by the original purchaser. If the product does not conform to this warranty, Channel Master shall replace it if it is returned to the dealer within the 90-day warranty period, and if examination reveals to Channel Master's satisfaction that the product is defective.

Claimants under this warranty should present their claim along with the defective product, proof-of-purchase and the Warranty Certificate originally supplied with it, to their dealer immediately upon failure. Noncompliance with any part of this claim procedure may invalidate this warranty in whole or in part.

THIS WARRANTY SHALL NOT APPLY TO ANY PRODUCT WHICH HAS BEEN REPAIRED OR ALTERED IN ANY WAY SO AS TO AFFECT, IN CHANNEL MASTER'S JUDGEMENT, ITS STABILITY OR DURABILITY OR WHICH HAS BEEN SUBJECTED TO ABUSE, MISUSE, OR ACCIDENT OR WHICH HAS HAD THE SERIAL NUMBER ALTERED OR REMOVED. THIS WARRANTY DOES NOT COVER PRODUCTS THAT HAVE BEEN IMPAIRED BY SEVERE WEATHER CONDITIONS SUCH AS EXCESSIVE WINDS, ICE, STORMS, LIGHTNING, OR OTHER NATURAL OCCURRENCES OVER WHICH CHANNEL MASTER HAS NO CONTROL, NOR SHALL THIS WARRANTY APPLY TO ANY PRODUCT WHICH HAS BEEN OPERATED OTHER THAN IN ACCORDANCE WITH THE INSTRUCTIONS FURNISHED BY CHANNEL MASTER.

THE REPLACEMENT OF THIS PRODUCT IS YOUR EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. YOU ARE NOT ENTITLED TO, AND CHANNEL MASTER IS NOT LIABLE FOR, INDIRECT, SPECIAL INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE FOREGOING LIMITATION MAY NOT APPLY TO YOU.