

RadioShack
TV•FM Antenna-Mounted
High-Gain Signal Amplifier
15-2507

The RadioShack TV•FM Antenna-Mounted High-Gain Signal Amplifier provides up to 30dB amplification from outdoor VHF, UHF, FM, HDTV, and combination antennas. High amplification is needed if your antenna receives signals from distant stations, when it is positioned more than 100 feet from the TV, or if the antenna supplies signals to several units. The amplifier contains automatic circuitry protection to guard against damage caused by a short.

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

The lightning symbol is intended to alert you to the presence of uninsulated dangerous voltage within this product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.

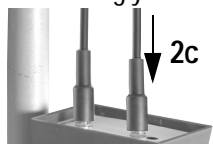
CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

The exclamation symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

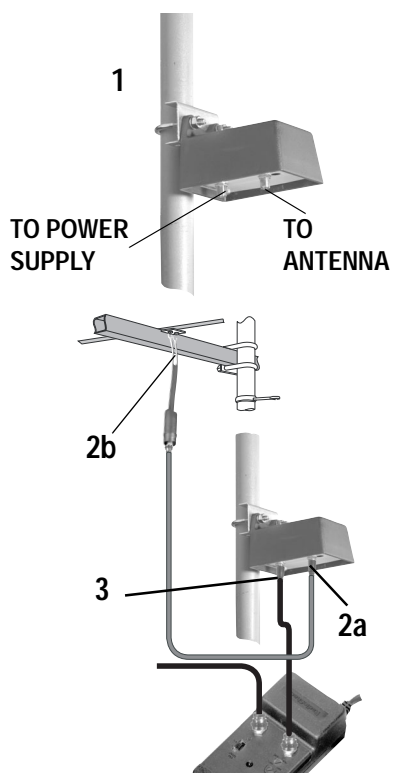
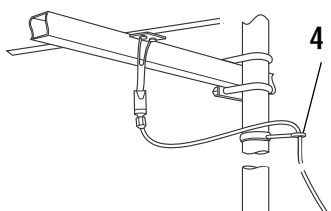
CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

Outdoor Connections

1. Attach the outdoor amplifier to the antenna mast about 12 inches below the antenna.
2. Connect the antenna and outdoor amplifier using the supplied coaxial cable with weatherboots.
 - a) Connect one end of the cable to the outdoor amplifier's **TO ANTENNA** terminal.
 - b) Connect the other end to your antenna terminals. Use the matching transformer if necessary.
 - c) Slide the weatherboots snugly over each F-connector.



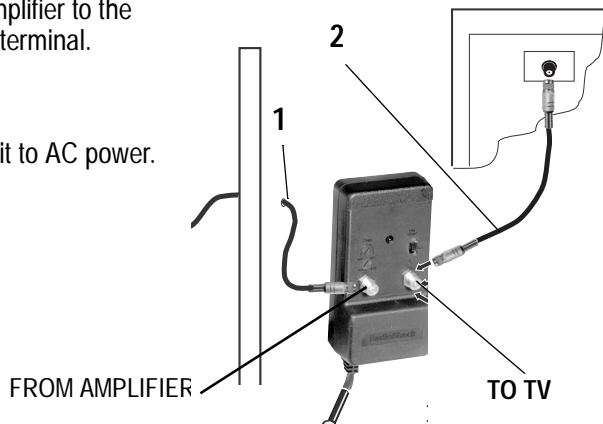
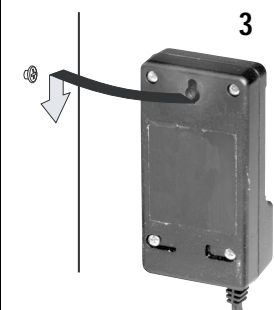
3. Connect the cable that runs from your TV or indoor amplifier to the outdoor amplifier's **TO POWER SUPPLY** terminal.
4. Feed cable slack into the house and secure the cable to the mast with twist ties.



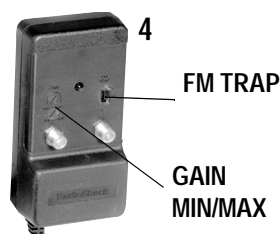
Indoor Connections

The indoor amplifier is not suitable for attic mounting. It should be placed inside your home.

1. Connect the cable from your outdoor amplifier to the indoor amplifier's **FROM AMPLIFIER** terminal.
2. Connect your TV to the indoor amplifier.
3. Mount the indoor amplifier and connect it to AC power.



4. Adjust **GAIN** towards **MIN** or **MAX** for the best reception. The optimum setting depends on your location, cable lengths, and number of connected devices.
5. Adjust **FM TRAP** so that there is no interference with your TV signal (no wavy lines on TV screen).

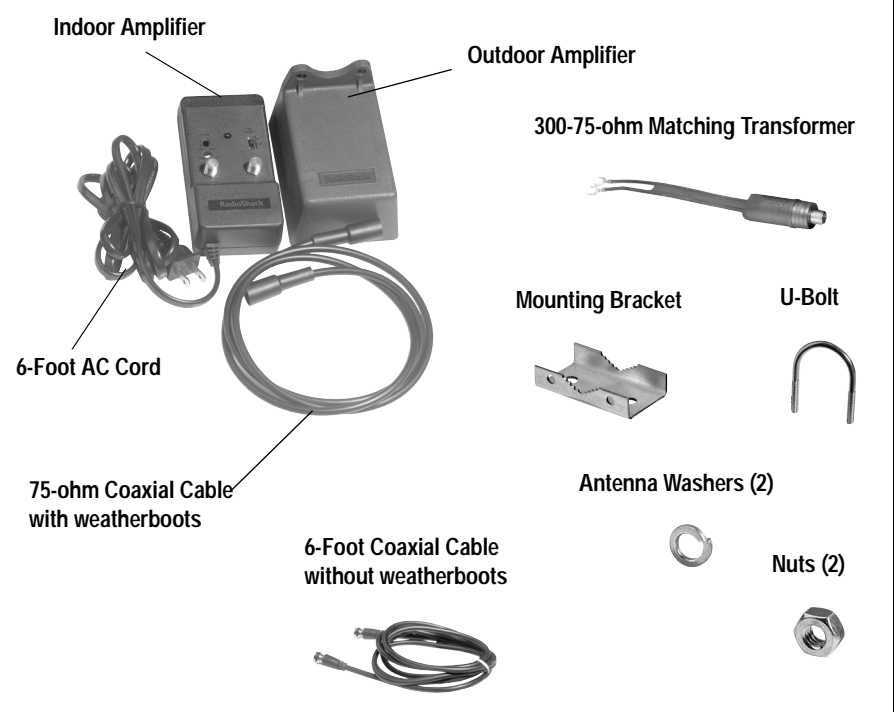


Note: If you are using a splitter to power several devices, connect the splitter between your indoor amplifier and your devices.

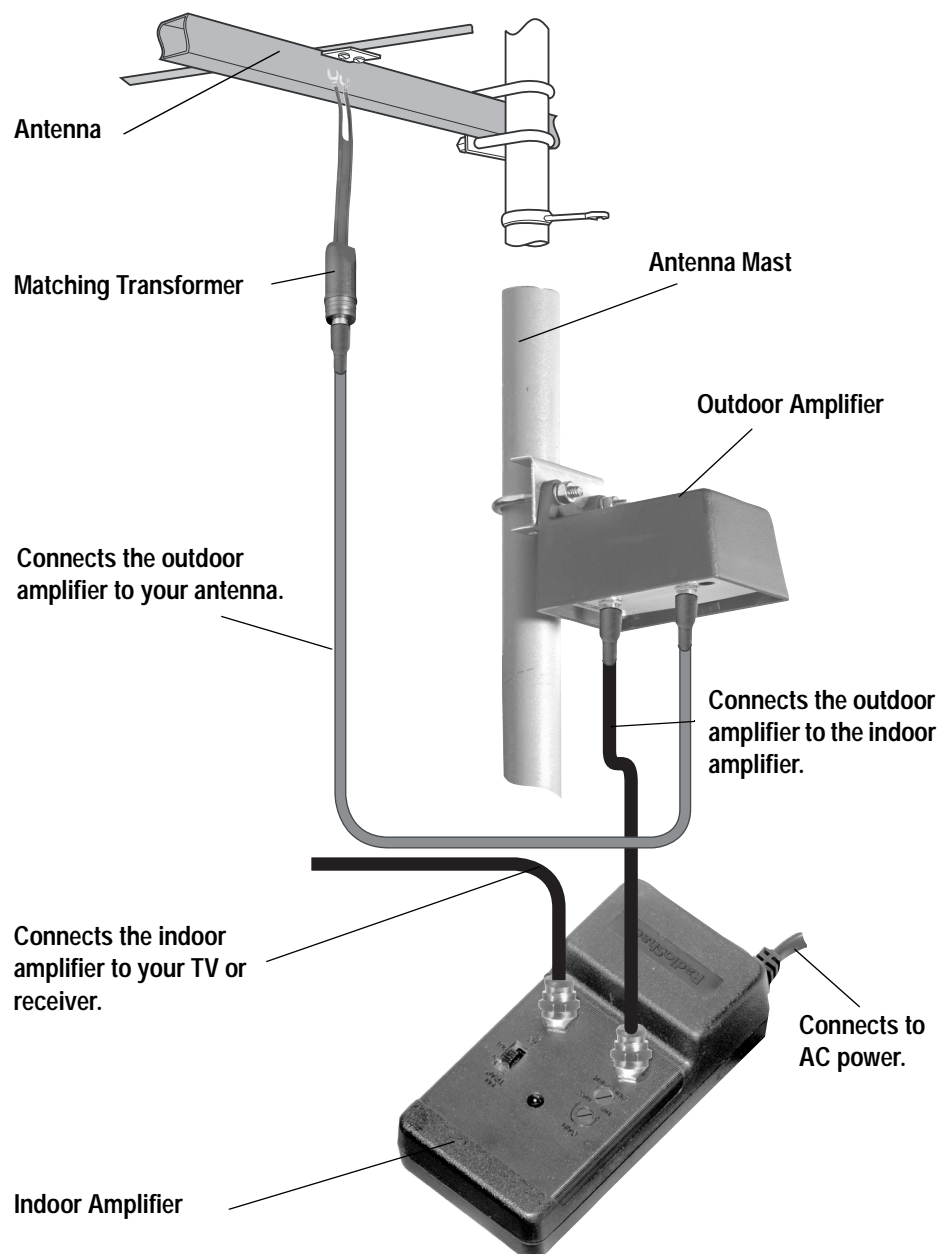
Frequently Asked Questions

- Q - I installed the amplifier, adjusted **RF GAIN** and **FM TRAP**. I now receive additional signals I wanted, but the signals I received prior to installing the amplifier are now lost or degraded. What do I do?
 A - Uninstall the amplifier. Performance can vary greatly by location. If you want to receive the new signals, leave the amplifier installed, but you will not be able to improve the quality of the previous signals. You can also rescan for TV channels after adjusting **GAIN** to make sure you are receiving all available channels.
- Q - The LED, which indicates **POWER**, turned off. Why did this happen?
 A - There is a short in the cable (or other connections) running from the **FROM AMPLIFIER** connector on the indoor amplifier. Replace the cable.

What's Included



Amplifier Setup



Specifications

Frequency Response 20dB Attenuation at 100MHz
 Gain 30dB (VHF or UHF)
 Gain Control 0 to 10dB
Specifications are typical; Individual units might vary. Specifications are subject to change and improvement without notice.

Limited 90-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. For a complete version of this warranty, visit your local RadioShack store.

If your amplifier is not performing as it should, take it to your local RadioShack store for assistance. To locate your nearest RadioShack, use the store locator feature on RadioShack's website (www.radioshack.com), or call 1-800-The Shack (843-7422) and follow the menu options. Modifying or tampering with the amplifier's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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