

1-In 1-Out • Bidirectional
3GHz Cable TV Amplifier



*Thank you for purchasing your 1-In 1-Out Bidirectional 3GHz cable TV Amplifier from **RadioShack**. Please read this user's guide before setting up and using your new amplifier.*

Package Contents

- 3GHz Cable TV Amplifier
- User's Guide
- AC adapter

Features

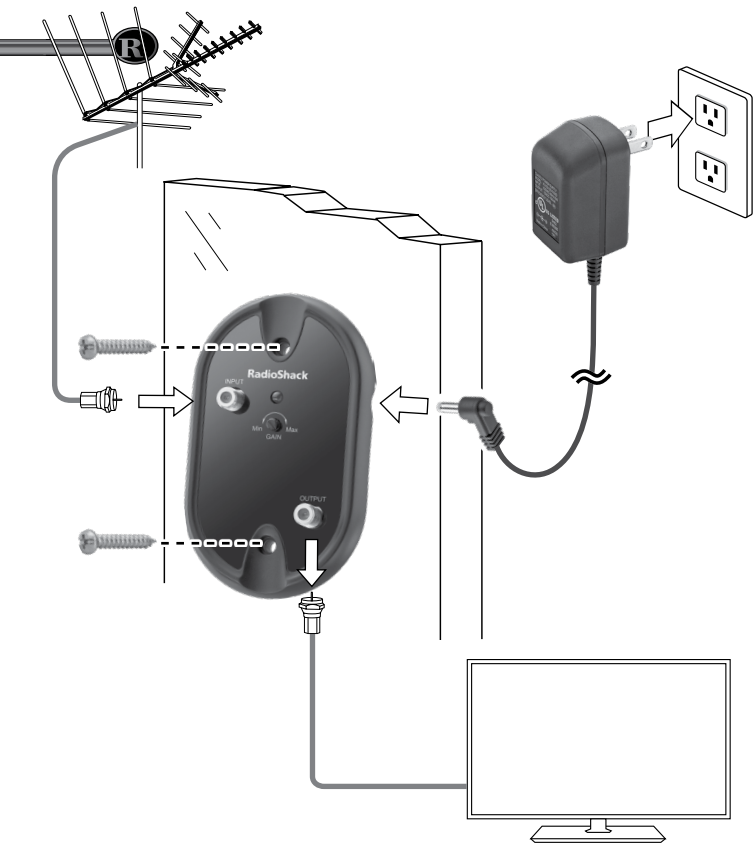
- Boosts an RF signal up to 10dB
- Allows for pay-per-view, interactive TV and cable internet

IMPORTANT SAFETY INFORMATION

1. Read and retain all safety and operating instructions.
2. This appliance should not be used near water such as a bathtub, washbowl, kitchen sink, or washing machine.
3. The amplifier should be situated so that its location does not interfere with its proper ventilation.
4. This amplifier should be connected to a power supply of the type described in the operating instructions or marked on the amplifier.
5. Do not attempt to destroy the grounding or polarization components of this amplifier.
6. Wipe the amplifier with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the amplifier.
7. The AC adapter of the amplifier should be unplugged from the outlet when left unused for extended periods of time.
8. Do not allow liquids to spill through the amplifier's openings.
9. The amplifier should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances.
10. Temperature extremes can shorten the life of electronic devices and distort or melt plastic parts.



Caution: To avoid injury, do not connect the adapter to a ceiling outlet.



Using Your Amplifier

Route Cables

Route a 75 ohm (RG-6 or RG-6QS) coaxial cable from the amplifier to your input source (for example, a cable box or antenna) and to your receiver (for example, a TV).

Note:

- Use only the length of cable necessary to connect the amplifier to the input source and receiver.
- Do not route cables where they might be cut, crimped, or crushed by normal activities.
- For the best appearance, route cable through the attic and walls, and terminate each cable in a wall mount box with an F-connector (not supplied).

Connect Devices

1. Connect a coaxial cable to your input source. To connect more than one input source, use a high-isolation A/B or video selector (not supplied) to switch between inputs.
2. Connect the coaxial cable from your input source to the amplifier's **INPUT** terminal.
3. Connect one end of the coaxial cable to your TV or monitor, and connect the other end to the **OUTPUT** terminal on the amplifier.
4. Connect the supplied AC adapter to the jack on the right side of the amplifier.
5. Plug the AC adapter into a standard AC outlet. The amplifier's red LED lights when it has power.
6. Turn on your connected devices.
7. Adjust **GAIN MIN/MAX** to get the best picture.

**Note:**

- Do not use pliers to tighten the screw on F-connectors.
- Never connect both an outdoor antenna and the output from the amplifier to the antenna input of your TV or DVR without using a high-isolation A/B switch. Doing so could cause interference with other nearby receivers.
- If you are using cable lengths over 200 feet (61m), you may need additional amplification.

Specifications

Forward Path

Operating frequency range	54 MHz – 3 GHz
Gain	up to 10 dB
Gain adjustment range	8 dB

Reverse Path

Operating frequency range	5 – 40 MHz
Insertion loss	4 dB
Adapter input voltage	105 – 135 VAC
Power usage	< 2W
Power line frequency	60 Hz
Dimension (H x W x D)	1.22 x 5.11 x 3.15 in
.....	(31 x 130 x 80 mm)

Specifications are subject to change and improvement without notice. Actual product may vary from the images found in this document.

FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined

by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your local **RadioShack** store or an experienced radio/TV technician for help.

If you cannot eliminate the interference, the FCC requires that you stop using your product. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Limited Warranty

RadioShack warrants this product against defects in materials and workmanship under normal use by the original purchaser for **ninety (90) days** after the date of purchase from a **RadioShack**-owned store or an authorized **RadioShack** franchisee or dealer. **RADIOSHACK** MAKES NO OTHER EXPRESS WARRANTIES.

This warranty does not cover: (a) damage or failure caused by or attributable to abuse, misuse, failure to follow instructions, improper installation or maintenance, alteration, accident, Acts of God (such as floods or lightning), or excess voltage or current; (b) improper or incorrectly performed repairs by persons who are not a **RadioShack** Authorized Service Facility; (c) consumables such as fuses or batteries; (d) ordinary wear and tear or cosmetic damage; (e) transportation, shipping or insurance costs; (f) costs of product removal, installation, set-up service, adjustment or reinstallation; and (g) claims by persons other than the original purchaser.

Should a problem occur that is covered by this warranty, take the product and the **RadioShack** sales receipt as proof of purchase date to any **RadioShack** store in the U.S. **RadioShack** will, at its option, unless otherwise provided by law: (a) repair the product without charge for parts and labor; (b) replace the product with the same or a comparable product; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of **RadioShack**. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

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RoHS
COMPLIANT

Complies with the European Union's "Restriction of Hazardous Substances Directive," which protects the environment by restricting specific hazardous materials and products.



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Printed 06A13
in China 1500472