

HDTV Antenna Smart Amplifier

MODEL: LT-3278



Thank you for your purchase of this HDTV Antenna Smart Amplifier. Before your installation, please read this manual carefully and keep this manual for further information.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: RISK OF FIRE AND SHOCK

USE ONLY power inserter and power supply in dry location.

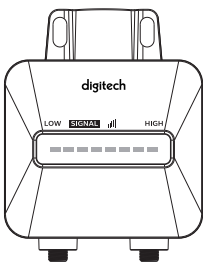
These are for **INDOOR** use only.

Feature:

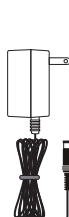
This HDTV Antenna Smart Amplifier with build-in super low noise amplifier and signal finder function is specially designed for terrestrial digital HDTV broadcast reception. It improves antenna sensitivity by amplifying weak signals and helps overcome cable and splitter loss. This amplifier can be mast-mounted or wall-mounted outdoors or even used indoors.

PACKAGE CONTENT

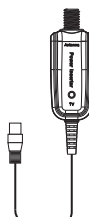
Please check the content before your installation.



1. Main unit

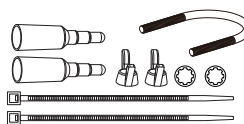


2. Power Supply

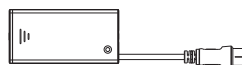


3. Power Inserter

4. Mast Mount Hardware



Rubber boot x 2
U type screws x 1,
Butterfly type x 2
Zip tie x 2



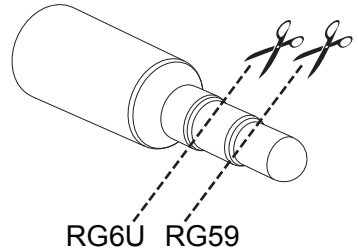
5. Power Box

INSTALLATION

In order to protect the amplifier and antenna, please check that the 2 rubber boots are needed for installation (for better waterproof). How to hook the cable and the rubber boot, please follow the steps

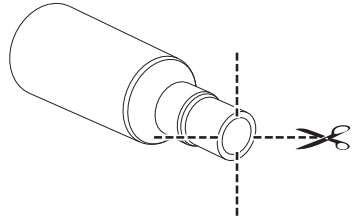
If you do the cable and RF connector by yourself, please follow the step

1. Cut the rubber boot as picture, please make sure what is your cable spec, RG-59 is the smaller one, RG-6U is the bigger one.
2. Wiring the cable through the hole, make the connector



If you use a pre-built cable (cable with connector on the end)

1. Cut the rubber boot as picture, please make sure what is your cable spec, RG-59 is the smaller one, RG-6U is the bigger one.
2. After cutting the tube, you need to make a cross cutting on the remain boot, it is recommended 0.2 inch from the edge.
3. Wiring the cable through the hole.

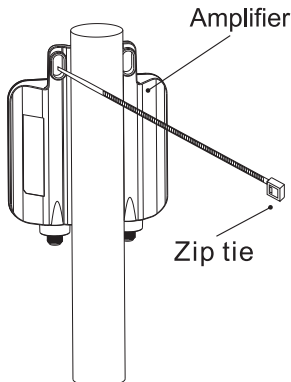


Installation of the amplifier

1. Connect a coax cable (not included) from your antenna to the **INPUT** on the amplifier. For best results, be sure to keep the cable between the antenna and amplifier as short as possible.
2. Mount the amplifier in your desired location.
 - ⊙ Mast Mount: Use one of the large zip ties provided to secure amplifier to mast. See picture on the following page.
 - ⊙ Wall Mount (outdoors or indoors): Use the slotted holes at the top of the amplifier to attach to wall.

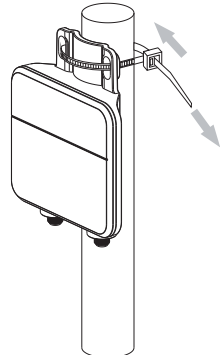
STEP 1

Zip tie insert top holes



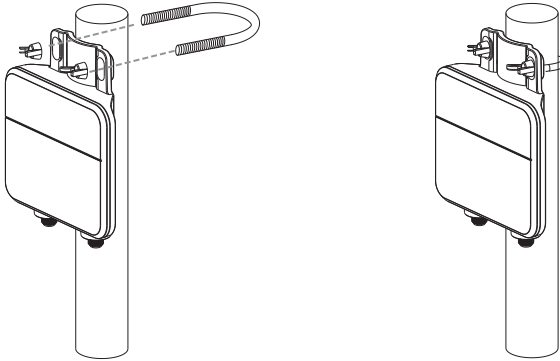
STEP 2

Tighten zip tie



◎ Pole Mounted application:

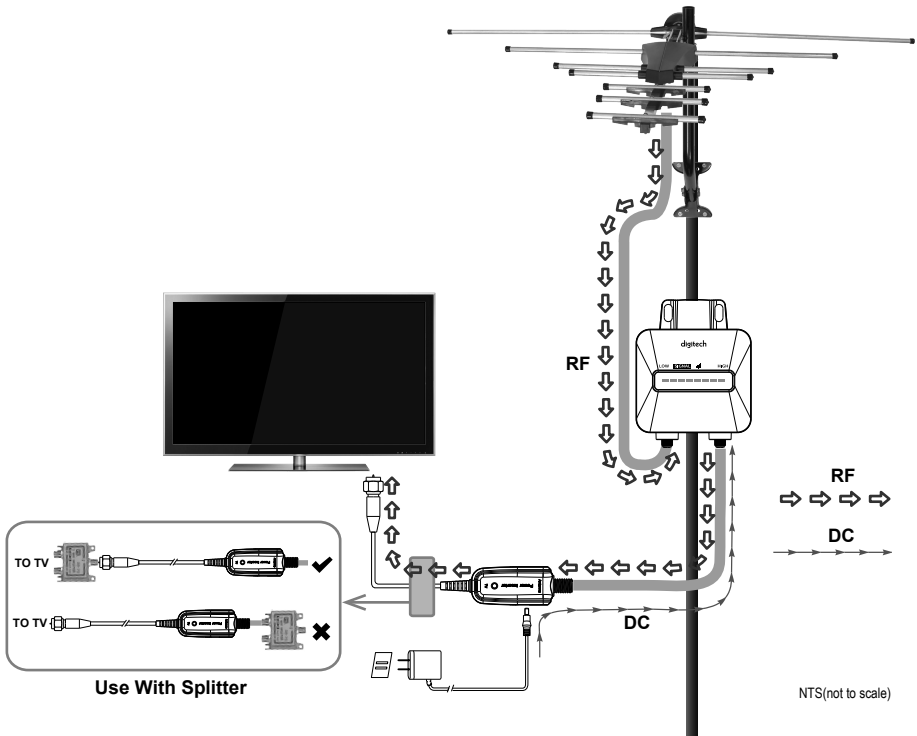
- .Take a wooden pole or metallic pole
- .Take the mounting kits
- .Hooks U type screws on the pole. Fixed 2 butterfly type washers and fixed them.
- .Fix the main unit



3. Connect a coax cable (not provided) from the **OUTPUT** on the amplifier to the **ANTENNA** input of the power inserter. When mast mounting, use the other larger zip tie provided to secure cable to mast.

Note: If you only to testing , You also use the **Power Box** powering to the amplifier.

4. When you want to wire the cable into your house, we recommend that you should have a water-drip loop before the cable into your house to prevent the water through the cable to your house.
5. Connect the coax cable pre-attached to the power inserter to the HDTV.
6. Connect the power supply plug to the power inserter.
7. Plug the power supply into an AC wall outlet. The lighted red LED or some green LED confirms that power is correctly applied.
8. Rotate or shift antenna to get max. numbers of green leds lit.



9. SCAN FOR CHANNELS ON YOUR HDTV.

This step is very important. Your HDTV will NOT receive signals from your antenna without completing this step. See your TV's menu for this process. You can also refer to the TV instruction manual for detail instructions.

Note: It is important to repeat this process and re-scan for channels anytime you move or re-position your antenna.

NOTICE

For the best reception, please check the following conditions:

1. Installed as high as possible: In the case of digital terrestrial reception, if there are some interruptions between the antenna and transmission tower, it will cause the signal loss temporary. So installed the antenna as high as possible to avoid the interruptions.