



QUICK SETUP GUIDE

RF-ANT50UD, Long-range Outdoor Antenna

PACKAGE CONTENTS

- Digital outdoor antenna
- Coaxial cable
- Installations kits for wall and pole mounting
- *Quick Setup Guide*
- Power inserter
- AC Adapter

WARNING: INSTALLATION OF THIS PRODUCT NEAR POWER LINES IS DANGEROUS. FOR YOUR SAFETY, FOLLOW THE INSTALLATION DIRECTIONS.

MOUNTING TOOLS

If mounting to a wall, roof, or another surface, you'll need a:

- Drill with 5/16" drill bit
- Phillips screwdriver
- Hammer
- Pen or pencil

FEATURES

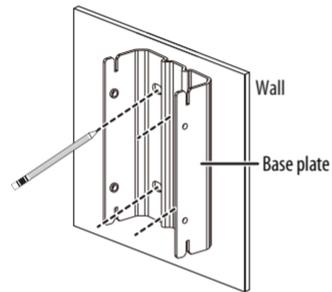
- 60-mile range for superior reception, even in difficult locations
- Amplifier included to boost weak signals from far away
- Designed for outdoor use—resistant to summer and winter elements
- Full kit of installation parts included for mounting to exterior walls, roofs, attics, poles, or other surfaces
- Works with 4K TVs

Before using your new product, please read these instructions to prevent any damage.

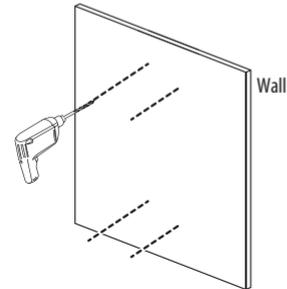
MOUNTING YOUR ANTENNA

Stationary Installation

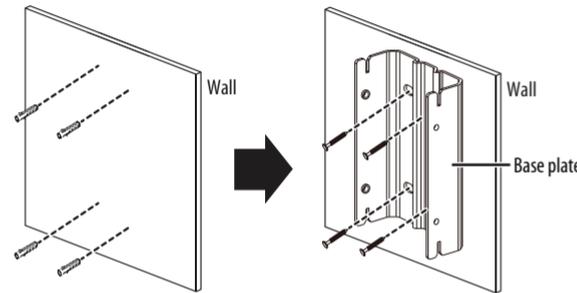
1 Use the base plate to mark the drilling positions.



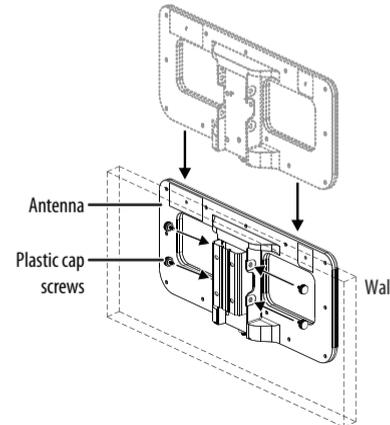
2 Use an electric drill with a 5/16" drill bit to drill four holes that are 1.8 in. deep, then clean the holes.



3 Use a hammer to insert the wall anchors (4) into the holes, then attach the base plate to the wall with the large screws (4).

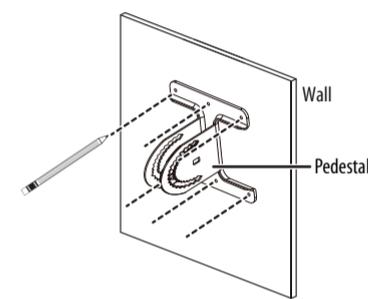


4 Place the antenna on the base plate, then fasten with the plastic cap screws (4).

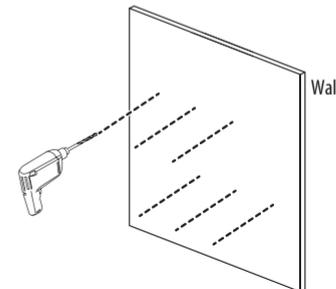


Flexible Installation

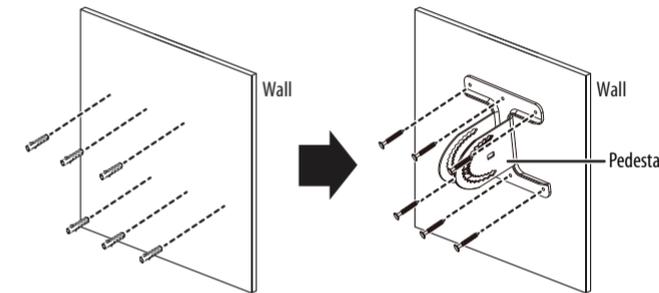
1 Use the pedestal to mark the drilling positions.



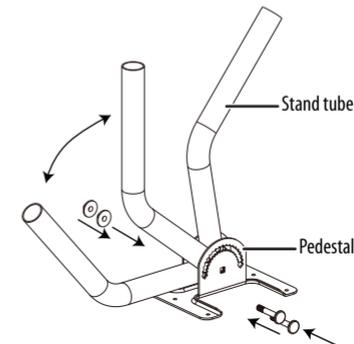
2 Use an electric drill with a 5/16" drill bit to drill six holes that are 1.8 in. deep, then clean the holes.



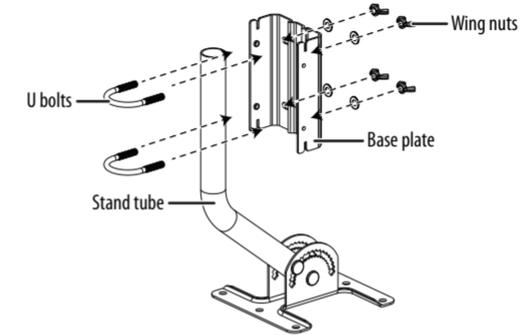
3 Use a hammer to insert the wall anchors (6) into the holes, then attach the pedestal to the wall with the large screws (6).



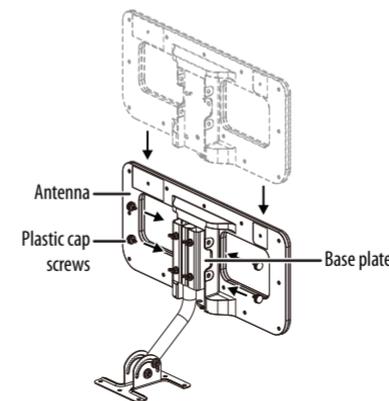
4 Place the stand tube into the pedestal, then adjust its position and attach with the screws (2) and hex nuts (2).



5 Attach the base plate to the stand tube with U bolts (2), washers (4), and wing nuts (4).



6 Place the antenna on the base plate, then fasten with the plastic cap screws (4).

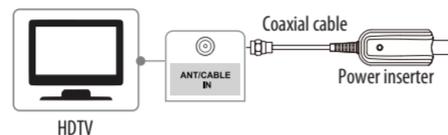


CONNECTING YOUR ANTENNA

This antenna can be connected directly to an HDTV, a digital converter box, or a set-top box.

HDTV

Connect the power inserter's coaxial connection to the coaxial jack on the back of your TV.

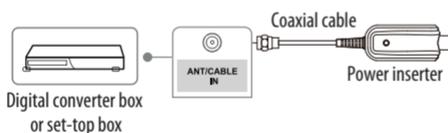


OR

Digital converter box or Set-top box

1 Connect the power inserter's coaxial connection to the coaxial jack on your digital converter box or set-top box (both are not included).

2 Connect a video/audio cable (such as an HDMI, a coaxial, or a composite cable) from your converter box or set-top box to your TV.



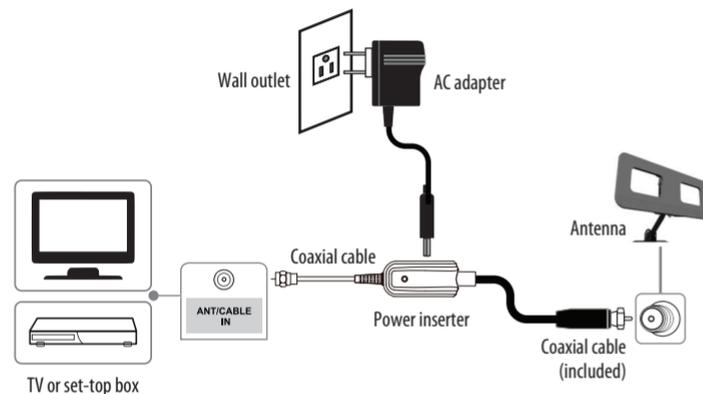
CONNECTING TO POWER

1 Plug the AC adapter into a wall outlet, then plug the other end into the power inserter.

Note: A longer coaxial cable may need to be purchased if the included cable is not long enough for your mounting position.

2 Connect the included coaxial cable to the power inserter, and then connect it to the antenna.

3 Connect the power inserter's coaxial connection to your digital converter box, set-top box, or HDTV.



SCANNING FOR CHANNELS

1 Turn on your TV, then press input or source to select the input your antenna is connected to.

Note: Turn on your digital converter box or set-top box if your antenna is connected to either device.

2 Open your device's setup menu, then select the "scan" or "channel scan" option. Your device automatically searches for available channels in your area.

Note: See your device's manual for detailed instructions.

TIPS FOR BETTER RECEPTION

- Install the antenna as high as possible to avoid possible obstacles between the antenna and transmission tower. Obstacles may cause signal loss.
- Keep the antenna away from sources of interference, such as air conditioners, hair dryers, or microwave ovens.
- Run a channel scan every time you move your antenna.
- If possible, position your antenna toward the transmission tower. To determine which channels are available in your area, visit www.antennaweb.org. Type in your zip code to get help with antenna placement.
- Test the antenna in multiple locations to find the strongest signal.
- Run a channel scan monthly to make sure that you are receiving all possible channels.
- Some TVs have a signal strength indicator that can help with antenna placement. See your TV manual to see if your TV has this feature.
- This antenna works with any TV or device with an ATSC tuner. Refer to the device's manual to check compatibility.
- The antenna's range will vary depending on a wide range of environmental and geographic factors—the mile range provided is only for reference.

TROUBLESHOOTING

PROBLEM:	SOLUTION:
Cannot find any channels.	<ul style="list-style-type: none"> • Make sure that the power inserter is properly installed and is powered on. • Make sure that you have selected the correct input on your TV. • Go to the menu on your TV or set-top box, and rescan the channels. • Make sure that all your connections are correct and secure. • Adjust your antenna, then rescan for available channels on your TV or set-top box. • Make sure that you are connected to a TV or set top box with an ATSC tuner.

PROBLEM:	SOLUTION:
Picture quality is good on some channels and poor or no reception on others.	<ul style="list-style-type: none"> • Adjust your antenna, then scan for available channels on your TV or set-top box. • Keep the antenna away from sources of interference, such as air conditioners, hair dryers, and microwave ovens. • Your antenna may be too far from the broadcast antenna to receive an adequate signal. The signal may also be affected by obstructions between the broadcast antenna and your antenna. • Make sure that the signal strength from the antenna is adequate. Some TVs have a signal strength indicator. See your TV manual to see if your TV has this feature. • Your digital outdoor antenna's performance may vary based on the weather conditions.
Not all channels are available after performing a channel scan.	<ul style="list-style-type: none"> • Adjust your antenna, then scan for available channels on your TV or set-top box. • Make sure that the signal strength from the antenna is adequate. Some TVs have a signal strength indicator. See your TV manual to see if your TV has this feature.
I have more than one TV on which I want to view over-the-air TV.	<ul style="list-style-type: none"> • You will need to purchase a digital outdoor antenna for each TV that you would like to view over-the-air TV. OR • You can purchase a coaxial splitter to allow for one digital outdoor antenna to provide channels to more than one TV.

PROBLEM:	SOLUTION:
I am not receiving cable and streaming channels after a channel scan.	<ul style="list-style-type: none"> • Your digital outdoor antenna is capable of receiving local channels that are dependent on the broadcasters in your area. You can use the antenna alongside cable boxes and streaming devices, but it will not provide all of the same content offered by those devices.
I want HD channels, but I do not have an HDTV.	<ul style="list-style-type: none"> • Your digital outdoor antenna will not upscale to HD if the TV is not HD. You will need to purchase an HDTV.

SPECIFICATIONS

- Dimensions (H×W×D): 19.8 × 9.0 × 1.8 in. (50.2 × 22.9 × 4.6 cm)
- Antenna body: 1.43 lbs. (.65 kg)
- Net weight: 4.21 lbs. (1.91 kg)
- Range: 60 miles (approximate, for guidance only)
- VHF Range: 174-216 MHz
- UHF Range: 470-862 MHz
- Amplifier Gain: VHF 25±3dB
UHF: 24±3dB

Power input:

- Power inserter input voltage: DC 9-12V
- Antenna input voltage: DC 5V
- Power cord length: 6 ft. (1.83 m)
- Coaxial cable length: 25 ft. (7.62 m)

AC adapter specifications:

- Input: AC 100-240V
- Output: 12V, 80mA

LEGAL NOTICES

C1. FCC Caution - \$15.21:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2. FCC Statement - \$15.105(b):

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 the dealer or an experienced radio/TV technician for help.

ONE-YEAR LIMITED WARRANTY

Visit www.rocketfishproducts.com for details.

CONTACT ROCKETFISH:

For customer service call 1-800-620-2790

www.rocketfishproducts.com

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