



WINEGARD®
ROADSTAR™

Omnidirectional TV/FM Antenna



**HD
READY**



**For Technical Services,
email help@winegard.com or call 1-800-788-4417.**

DO NOT RETURN ANTENNA TO PLACE OF PURCHASE.

**DO NOT SNAP THE ANTENNA HEAD AND PEDESTAL
TOGETHER PRIOR TO READING MANUAL.**

2452249
Rev7 2-17

Specifications

Range of up to 35 miles*

For VHF & UHF channels

For outdoor use only

Amplified

Height: 7.6"

Diameter of Antenna Head: 14.9"

Power required: 12 VDC at 85 mA

Models RS-3000 (white), RS-3035 (black)

Models RP-RS30 (white) replacement head and RP-RS35 (black) replacement head are available.

*Antenna reception may vary based on transmitting antenna tower height, lobe pattern of the transmitter, height of the receiving antenna, weather conditions, and terrain on receiving path, including trees, buildings and hills.

Parts



Safety Recommendations

Do not attempt to install this system in the rain or under any wet conditions.

Do not paint this antenna. Painting the antenna will void your warranty.

Choosing a Location for the Antenna & Power Supply

Before mounting the antenna, determine a location for the wall plate/power supply.

Then, choose a location for the antenna that meets the following requirements:

Keep in mind the following:

Offers enough support for a secure installation

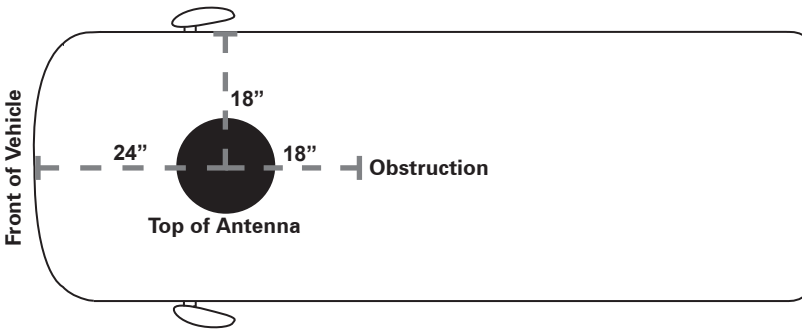
A coaxial cable will have to run from the the power supply to the antenna and from the power supply to each television.

Maintains adequate clearance from the edge of the roof and any obstructions

A 12 V connection must be made to the back of the power supply.

- clearance distance of 24 in. needed from center of antenna to front of the vehicle
- clearance distance of 18 in. needed from center of antenna to nearest obstruction and to the edge of the roof

Refer to the diagram on page 7 for more information on connecting to the power supply.



Choosing a Mounting Option

For cable entry directly beneath the antenna, follow the steps on page 3 under "**Mounting Option 1.**"

For cable entry via a cable entry plate (sold separately), follow the steps on page 5 under "**Mounting Option 2.**"

Mounting Option 1

If installing the antenna so that the cable enters the vehicle directly beneath the antenna, follow the steps below for Mounting Option 1.

1. Make sure the ceiling area is clear underneath the chosen location for the antenna.
2. Run coaxial cable from the chosen location for the power supply to the chosen location for the antenna.
3. Run the cable upward through the pedestal.

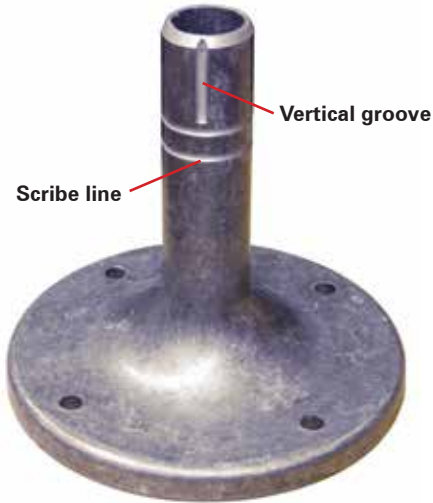


4. Connect the coaxial cable running through the pedestal to the coaxial cable running from the antenna head.
5. Place the pedestal in the chosen location for the antenna, and trace around the inner and outer edge of the pedestal.
6. Check with the vehicle manufacturer for approved sealant for the vehicle.

7. Apply a liberal amount of sealant around the traced circle.
8. Replace the pedestal where the sealant has been applied.
9. Before using the supplied screws, check with the vehicle manufacturer for any screw requirements.
10. Mount the assembly to the roof with four screws, and tighten the four screws.
11. Run a solid bead of sealant where the edge of the pedestal assembly meets the roof and over the screw heads.
12. Gently push the cable slack downward through the pedestal.

Mounting Option 1, Cont.

13. Twist the antenna head back and forth while pushing it onto the pedestal. The pedestal should engage with the snap ring inside the antenna head.



14. While applying pressure, rotate the head until feeling the grooves in the head line up with the grooves in the pedestal.

15. Push down again; you should hear the head click into place.

Warning: Once the head and pedestal are connected, the head cannot be removed without incurring damage.

16. **Check that the scribe line on the pedestal is no longer visible.** If the scribe line is still visible, the head is not fully seated on the pedestal.

17. **Pull the antenna head upward.** If the head is unable to slide upward on the pedestal, the head is fully seated on the pedestal. If the head slides upward, the head is not fully seated on the pedestal.

18. If the antenna head is not fully seated on the pedestal, repeat the steps on this page to connect the antenna head to the pedestal.



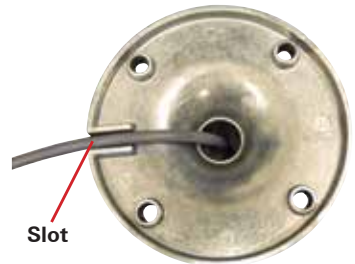
Do not proceed until the head is fully seated on the pedestal.

19. Once the head is fully seated on the pedestal, continue with **"Installing the Power Supply"** on page 7. If the power supply is already installed, make sure to run a channel scan after installing the antenna. See page 8 for more information.

Mounting Option 2

If installing the antenna so that the cable enters the vehicle via a cable entry plate (sold separately), follow the steps below for Mounting Option 2.

1. Run coaxial cable from the power supply to the antenna via the cable entry plate. **The antenna needs to be at least 8 inches from the cable entry plate. Do not fasten the coaxial cable at this point because additional coaxial cable is required later (see step 18).**
2. Place the pedestal in the chosen location for the antenna, and trace around the outer edge of the pedestal.
3. Check with the vehicle manufacturer for approved sealant for the vehicle.
4. Apply a liberal amount of sealant in the traced circle.
5. Replace the pedestal where the sealant has been applied and run the coaxial cable upward through the antenna pedestal. Make sure the cable runs through the slot on the underside of the pedestal.



6. Connect the coaxial cable running through the pedestal to the coaxial cable running from the antenna head.
7. Before using the supplied screws, check with the vehicle manufacturer for any screw requirements.
8. Mount the assembly to the roof with four screws, and tighten the four screws.
9. Gently push the cable slack downward through the pedestal, and pull the cable through the slot.
10. Twist the antenna head back and forth while pushing it onto the pedestal. The pedestal should engage with the snap ring inside the antenna head.

Mounting Option 2, Cont.

11. While applying pressure, rotate the head until feeling the grooves in the head line up with the grooves in the pedestal.
12. Push down again; you should hear the head click into place.

Warning: Once the head and pedestal are connected, the head cannot be removed without incurring damage.

13. **Check that the scribe line on the pedestal is no longer visible.** If the scribe line is still visible, the head is not fully seated on the pedestal.



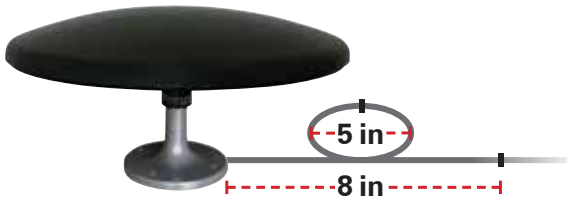
14. Pull the antenna head upward. If the head is unable to slide upward on the pedestal, the head is fully seated on the pedestal. If the head slides upward, the head is not fully seated on the pedestal.

15. If the antenna head is not fully seated on the pedestal, repeat the steps to connect the antenna head to the pedestal.

Do not proceed until the head is fully seated on the pedestal.



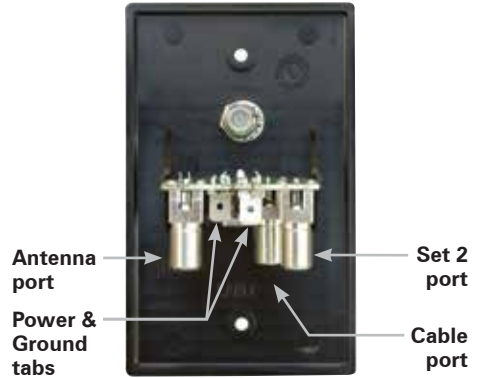
16. Pull the cable away from the antenna.
17. At a point 4" from the antenna along the excess cable, create a loop of 5" diameter between the antenna and entry plate. Clamp at the top of the loop, at 8" linear distance from the antenna, and every 12–16" thereon along the cable.



18. Run a solid bead of sealant where the edge of the pedestal meets the roof, over the screw heads and around the slot in the pedestal.
19. Continue with **"Installing the Power Supply"** on page 7. If the power supply is already installed, make sure to run a channel scan after installing the antenna. See page 8 for more information.

Installing the Power Supply

Warning: The power supply should be turned off when connecting cables.



The power supply may be flush mounted in most standard electrical boxes. To flush mount, cut a hole in the wall to fit the box. Run two #12 wires between the wall plate and +12 VDC source, and route download cable to this location.

Make a 12 volt connection to the power supply. Install the supplied terminals on wires from +12 VDC source, and crimp the terminals with an appropriate crimping tool.

Push the wires onto tabs on the back of the power supply. (“PWR” and “GND” are also noted on the underside of the power supply electronics board.)

Connect the coax cable from the antenna to the “ANTENNA” port on the power supply, and tighten until fingertight. Then, tighten ¼ turn more.

If hooking up the antenna to two televisions, connect a coax cable from

the “SET 2” port to the “Antenna In” port on the second television.

If hooking up a cable input, connect the cable input to the “CABLE” port on the power supply.

Mount the power supply in wall with the provided screws.

Connect a coax cable from the coax port on the front of the power supply to the “Antenna In” coax port on the main TV.

Press the “ON” switch on the front of the power supply, and check that the light is on.

This unit is equipped with a polyswitch, which will shut down +12 VDC if there is a direct short between the antenna and power supply. The indicator light will not light. Once the short is eliminated, the device will reset itself.



Running a Channel Scan

First time users must run a channel scan after installing the antenna to receive maximum programming.

A new scan will find any new channels that have been added in your area as well as finding any channels that have changed or moved since the last scan.

While the steps to perform a channel scan may vary between televisions or compatible devices, below are some general guidelines to follow. For more specific instructions, refer to your device user manual for assistance.

If you are not receiving all desired channels, check out dtv.gov/maps. On this site, you can enter the address of your current location and get a listing of likely channels available in your area.

General Instructions

1. Using the remote that came with the TV or compatible device, select "Menu."
2. Select "Channel Setup."
3. Select "Antenna" or "Off-Air Mode" or "Auto-Scan."
4. Select "Channel Search" or "Channel Scan."

Run a channel scan in the following situations, as well:

- Anytime the antenna is moved or enters a new region
- Anytime a channel is lost

Once you have run a channel scan, you are ready to watch TV.

Troubleshooting

Do not install couplers, splitters, etc. between the power supply and the antenna. Installation of any item on the download may cause a short in the system. The download supplies +12 VDC to the preamp in the antenna.

The power supply should be turned OFF when connecting/disconnecting cables to power supply and antenna but should be turned ON when testing for voltage.

Testing Power Supply

Make sure the TV set is working properly.

Remove the power supply from wall, and visually inspect for burned/broken parts. If there are ANY broken/burned parts, replace power supply.

Disconnect the cable from the antenna jack on the power supply.

Check for +12 VDC. If +12 VDC is present, there is a cable problem connecting the power supply to the antenna. Repair/replace cable.

If +12 VDC is not present at the antenna jack, be sure the indicator light is ON. If not, check the polarity of the red/white wires and the +12 VDC source.

**For Technical Services,
email help@winegard.com or call 1-800-788-4417.**

WINEGARD MOBILE PRODUCTS LIMITED WARRANTY (5 YEARS PARTS; 1 YEAR LABOR)

Winegard Company warrants this product against defects in materials or workmanship for a period of five (5) years from the date of original purchase. During year one (1) of such warranty, Winegard Company will also pay authorized labor costs to an authorized Winegard dealer to repair or replace defective products. No warranty claim will be honored unless at the time the claim is made, Customer presents proof of purchase to an authorized Winegard dealer (to locate the nearest authorized Winegard dealer, contact Winegard Company, 3000 Kirkwood Street, Burlington, Iowa 52601, Telephone 800-288-8094 or visit www.winegard.com). Customer must provide proof of purchase with a dated sales receipt for the Winegard product to verify the product is under warranty. If the date of purchase cannot be verified, the warranty period shall be considered to begin thirty (30) days after the date of manufacture.

If a defect in material or workmanship is discovered, Customer may take the product to an authorized Winegard dealer for service. Customer must provide proof of purchase to verify the product is under warranty. If the product is brought to an authorized Winegard dealer for service prior to expiration of year one (1) of the warranty period and a defect in material or workmanship is verified by Winegard Technical Services, Winegard Company will cover the Winegard dealer's labor charges for warranty service. The Winegard dealer must contact Winegard Technical Services in advance for pre-approval of the service. Approval of the service is at the sole discretion of Winegard Company.

Alternatively, Customer may ship the product prepaid to Winegard Technical Services (located at 2736 Mt. Pleasant Street, Burlington, Iowa 52601, Telephone 800-788-4417). Customer must return the product along with a brief description of the problem and provide Winegard Technical Services with Customer's name, address, and phone number. Customer must also provide proof of purchase to verify the product is under warranty. If the product is returned before the expiration of the warranty period, Winegard Company will (at its option) either repair or replace the product.

This Limited Warranty does not apply if the product has been damaged, deteriorates, malfunctions or fails from: improper installation, misuse, abuse, neglect, accident, tampering, modification of the product as originally manufactured by Winegard in any manner whatsoever, removing or defacing any serial number, usage not in accordance with product instructions or acts of nature such as damage caused by wind, lightning, ice or corrosive environments such as salt spray and acid rain. This Winegard Product was designed to work within the parameters of radio frequency (RF) spectrum allocation and broadcast technology in effect at the time the product was manufactured. This Limited Warranty does not apply if the product becomes unable to perform its intended function as a result of changes in RF spectrum allocation, changes in television broadcast technology, RF interference, or other factors beyond Winegard's control.

RETURN AUTHORIZATION POLICY

A Return Material Authorization (RMA) is required prior to returning any product to Winegard Company or Winegard Warranty Services under this warranty policy. Please call our Technical Services Department at 800-788-4417 or send an email to warranty@winegard.com to obtain the RMA number. Please furnish the date of purchase when requesting an RMA number. Enclose the product in a prepaid package and write the RMA number in large, clear letters on the outside of the package. To avoid confusion or misunderstanding, a shipment(s) without an RMA number(s) or an unauthorized return(s) will be refused and returned to Customer freight collect.

WINEGARD COMPANY DOES NOT ASSUME ANY LIABILITIES FOR ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, MADE BY ANY OTHER PERSON.

ALL OTHER WARRANTIES WHETHER EXPRESS, IMPLIED OR STATUTORY INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY ARE LIMITED TO THE FIVE YEAR PERIOD OF THIS WARRANTY.

In states that do not allow limitations on implied warranties, or the exclusion of limitation of incidental or consequential damages, the above limitations or exclusions do not apply.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion of limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives Customer specific legal rights. Customer may also have other rights that may vary from state to state.



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