



SATELLITE TV ANTENNA LADDER MOUNT

MT-4000

INSTALLATION MANUAL

For poles with outer diameters between 1" to 1-1/8"



Designed
for RV use



For a complete list of all compatible antennas, visit
www.winegard.com/mounts



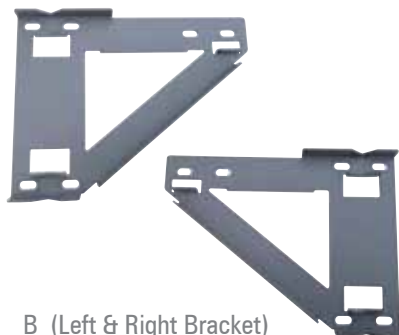
WARNING:
DO NOT USE THE LADDER MOUNT AS A STEP!

MT-4000 CONTENTS

- A • Mounting Plate (1)
- B • Ladder Bracket (2)
- C • Extension Tube (1)
- D • Locking Bolt (1)
- E • Carriage Bolt (8)
- F • Nylock Nut (8)
- G • Flat Washer (8)
- H • Lock Washer (1)



A



B (Left & Right Bracket)



C



D



E



F



G



H

MT-4000 Ladder Mount Assembly:

Determine how far from the ladder or mounting pole you will need the antenna. Use Figure 1 to determine which of the mounting holes will best meet your application.

- 1) Line up the two holes in the left mounting bracket shown in Figure 1 with the two holes on the extension tube that will work best for your application.
- 2) From the flat or outside of the left mounting bracket, insert a carriage bolt into each of the two holes you lined up in Step 1. Refer to Figure 2.
- 3) Place the right mounting bracket on the extension tube so that the bolts you inserted in Step 2 extend through the holes in the right mounting bracket. Place a flat washer and thread one of the nylock nuts onto each of these bolts.

DO NOT TIGHTEN AT THIS TIME!

- 4) Install the mounting plate by lining up the two holes shown in Figure 3 with the two holes on the top of the extension tube.

NOTE: The mounting plate may be installed with either surface facing up.

With the holes lined up, insert a carriage bolt into each of the holes so that the head of the bolt is on top of the mounting plate.

- 5) Place a flat washer and thread one of the nylock nut onto each of the two bolts holding the mounting plate to the extension tube. Tighten these nuts, making sure they are snug, see Figure 4.

FIGURE 1



FIGURE 2

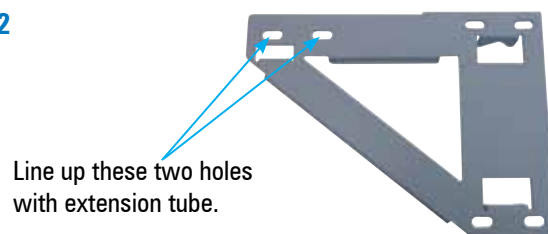


FIGURE 3

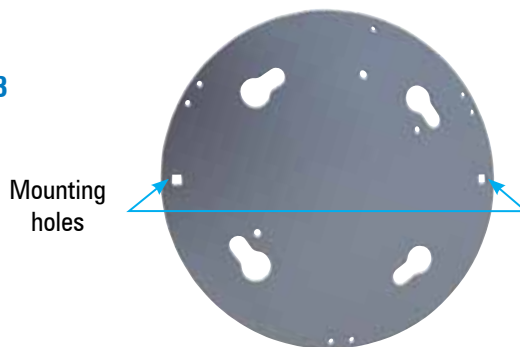
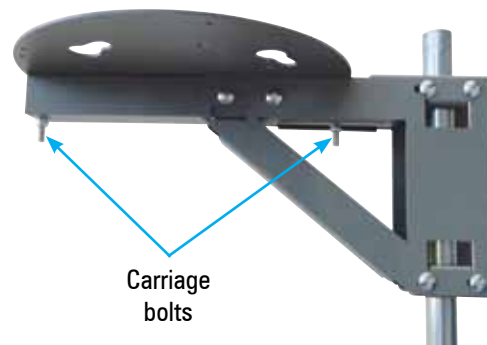


FIGURE 4



Installing the Ladder Mount:



WARNING: The MT-4000 Ladder Mount with antenna installed weighs 20 lbs. Verify that your mounting pole can support this weight while you travel.

- 1) Spread the left and right mounting brackets apart to allow the ladder mount to slide onto the rail of the ladder or mounting pole.
- 2) Insert two carriage bolts into the top two holes shown in Figure 5. Place a flat washer and thread a nylock nut onto each bolt. Move the ladder mount to the desired height. When the ladder mount is in place, tighten the two nuts until they are snug.
- 3) Tighten the nuts holding the brackets and extension tube together. Make sure these nuts are snug.
- 4) Insert the last two carriage bolts into the bottom two holes. Place a flat washer and thread a nylock nut onto each of these bolts and tighten the nuts until they are snug.

Attaching the Antenna on the Ladder Mount

- 1) Disconnect the power and coax cables from the base of the antenna.
- 2) Remove the dome screws with a Phillips screwdriver, and lift off the dome. Locate and remove the security loop nuts, remove the security loop and reattach the dome.
- 3) Set the antenna on the mounting plate, lining up the feet of the antenna so that they fit into the holes in the mounting plate.

NOTE: Locate the hole in the base of the antenna and line it up with the hole in the mounting plate for the locking bolt before attaching the antenna, see Figure 6.

- 4) Twist the antenna to rotate the feet into the slots that hold the antenna in place while travelling.
- 5) Slide the lock washer onto the threads of the locking bolt.
- 6) Thread the locking bolt into the hole in the bottom of the mounting plate and into the matching hole in the base of the antenna to keep the unit from rotating back out of the slots holding the antenna in place.

- 7) Connect the ladder mount's coax and power cables to the antenna.

To remove the antenna, simply reverse these steps.

FIGURE 5

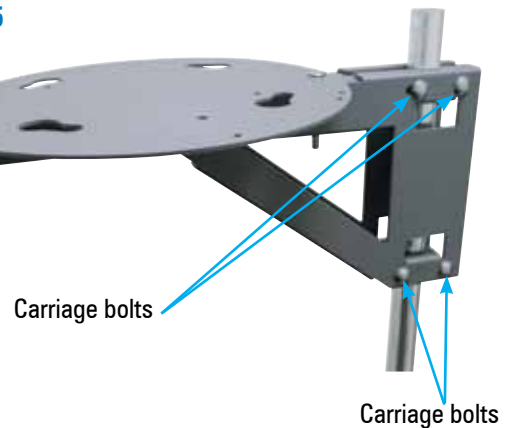
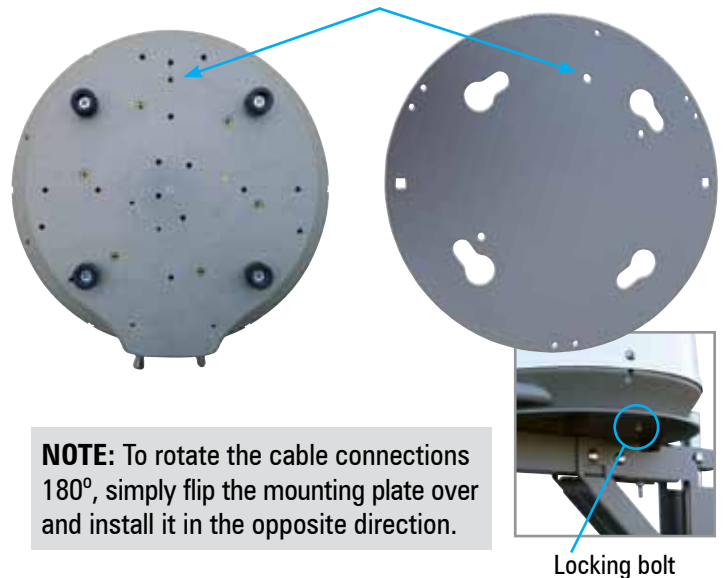


FIGURE 6

Locking bolt alignment



NOTE: To rotate the cable connections 180°, simply flip the mounting plate over and install it in the opposite direction.



WARNINGS:

The MT-4000 Ladder Mount with the antenna installed weighs 20 lbs. Verify that your mounting pole can support this weight while you travel.

The antenna needs a clear view of the southern sky. The vehicle will either need to park with the ladder mount facing south or the ladder mount will need to be installed high enough to allow the antenna to see over the vehicle.

The antenna is for stationary use only and will not function while the vehicle is in motion.

All nylock nuts for the ladder mount **MUST** be tight to prevent them from vibrating loose while the vehicle is in motion.

The locking bolt **MUST** be in place and tight while the antenna is installed on the ladder mount.

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