Model: PRO-500 Satellite Radio Antenna Installation Instructions

Pixel
SATELLITE RADIO

This antenna can be used for reception of XM or Sirius Satellite Radio or both simultaneously. Its internal voltage regulator makes it compatible with all generations and models of XM and Sirius radios.

IMPORTANT SAFETY INSTRUCTIONS

- Read and Retain Instructions – Read all Instructions before operating equipment and save for future reference.

- Outdoor Antenna Grounding – The antenna and coaxial cable connecting to the unit should be properly grounded to provide protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code (NEC), ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

- Power Lines – An outside antenna system should not be located in the vicinity of overhead power lines or electric light or power circuits, or where they can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.

The required components include the following:

QTY	Description
1	Antenna Panel & Wall mount
1	U-bolt
1	Saddle bracket
1	F-female to SMB-plug adapter cable, 3'
1	Rubber weather boot
1 lot	Mounting and assembly hardware
1	Grounding lug and star washer

Figure 1: Included Items for PRO- 500 Antenna

Wall Mounting and Antenna Alignment

Attach the wall mount assembly to any vertical or horizontal flat surface. Use the supplied screws to secure the mount in the position desired (use of the included anchors requires 5/16" holes).
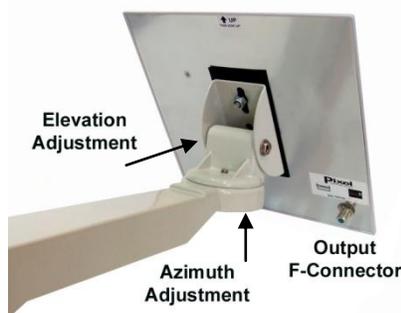

Figure 2: Elevation and Azimuth Adjustments

Figure 3: Horizontal Mount

Figure 4: Vertical Mount

- Connect an RG-6 coaxial cable (not supplied) not longer than 200 ft with male F-connectors to the antenna. Using the supplied 3 ft F-Female to SMB adapter cable, connect the antenna to the radio's antenna input (see Figure 5). For cable runs exceeding 200 feet, use a line amplifier(s) (Pixel SBA-1, not supplied) to increase the signal strength