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Dish 1000.2 manual

Dish network 1000.2. Dish 1000.2 wiring diagram. Dish 1000.2 installation guide.

DISH 1000.2 Installation Instructions Attention and Warning Symbols You must be aware of safety when you install and use this system. This guide provides various procedures. If you do some of these procedures carelessly, you could injure or kill yourself or damage equipment or property. Some other procedures require special attention. Marks a procedure where the following may happen: • Personal injury or death may occur. • Equipment or property may be damaged. Marks the following issues: • Important operation or maintenance instructions follow. • Special attention is required. Important Safety Instructions You must keep safety in mind when you install and use the DISH 1000.2. Refer to the safety instructions in the installation instructions that came with your system. In this guide, the following notes tell you when you need to pay special attention: 1. 2. 3. 4. Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions. Keep the following in mind when you install the DISH 1000.2: • • • Before you drill any holes in your building, make sure there are no wires or pipes near the holes. Install the equipment in accordance with the local building and electrical codes. If you aren't sure, call a licensed building inspector or electrician for help. Never install the satellite dish near power lines. Don't install the satellite dish on composite materials such as strand, chip, fiber, or particle board unless the fastener attaches securely to a wall stud, rafter, or other foundation material beneath the surface. Note to Satellite TV System Installer: This reminder is provided to call the satellite TV system installer's attention to Article 820-40 of the National Electrical Code (NEC) that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical. Installation Instructions Attention! These installation instructions are intended for use by qualified professional technicians due to the complexity of the installation and compliance to national/local building and electrical codes.

DISH 500 Installation Instructions with Angles Table

INTRODUCTION

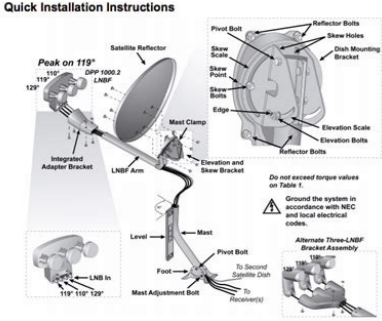
These instructions explain how to install a DISH 500 satellite dish. These instructions cover both DISH Interactive™ receiver models and non-DISH Interactive™ models.

- Alternate procedures apply to some models. See page 24.
- If you are replacing an existing satellite dish with a DISH 500, see page 25.
- For procedures that vary according to the system, see page 27.
- For the angles to use in aiming a DISH 500 satellite dish, see page 28.

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Overview These instructions guide you through the installation of a DISH Network DISH 1000.2 antenna, which consists of a reflector assembly and a DISH Pro Plus 1000.2 LNB.



The DISH 1000.2 is capable of receiving digital television signals from three DBS satellite locations: 110°W, 119°W, and 129°W. These instructions cover wall mounting only. For other mounting options (for example, pole mounting, or nonpenetrating mounting), see the Retailer Care Site at retailer.earthstar.com. Installation Considerations While all DISH Network satellite receivers can be connected to the DISH 1000.2, the following models may not detect and will not support the 129°W location: 1000, 2000, 3000, 4000, 5000, JVC-DVHS (IRR), and the DishPlayer 7100/7200. This installation supports Legacy receivers, but there must be at least one DISH Pro or DISH Pro Plus receiver in the installation.



Legacy receivers are receivers which do not have the DISH Pro or DISH Pro Plus logo (shown below). About the System The DISH Pro Plus 1000.2 LNB provides reception from the 110°W, 119°W, and 129°W orbital locations, and provides an LNB input port to receive programming from another satellite. The following LNB types can be connected to the LNB input port: DISH Pro Single, DISH Pro Dual, or DISH Network bandstacked LNBs. The LNB assembly supports connection of up to three satellite receivers in any of the following combinations: • Single-cable connection to DISH Pro Plus (dual-tuner) receivers, when each input is used with a DISH Pro Plus Separator. • Single-cable connection to DISH Pro receivers. • Single-cable connection to a Legacy receiver provided that a DISH Pro or DISH Pro Plus receiver is also connected and powered at all times. No DISH Pro Adapter is required. Page 1 Quick Installation Instructions DPP 1000.2 LNB Dish Mounting Bracket Mast Clamp Integrated Adapter Bracket Alternate Three-LNB Bracket Assembly 129° 119° 110° To Second Satellite Dish To Satellite Receiver(s) Figure 1. DISH 1000.2 Antenna Installation Overview 1.



2. 3. 4. 5. 6. 7. 8. 9. 10. 11.



12. 13. Find Azimuth/Elevation/Skew angles for your location (instructions on page 3 and tables on page 10). Find a location for the dish antenna with a clear line of sight and a sturdy mounting surface (page 3, step 1). Mount the mast, making sure it is absolutely vertical (page 3, steps 2 and 3). Assemble the dish antenna, setting the skew and elevation angles in the process. Use additional skew bolts for skew angles greater than 110 or less than 70 (page 3, steps 4-6). Mount the dish antenna on the mast and point the dish to the azimuth angle (page 4, step 7). Run cables between the dish antenna and the receiver(s), leaving a service loop around the Mast Clamp (page 5, step 1). Using a peaking meter attached to the DPP 1000.2 LNB PORT 1, peak the dish on 119°W using transponder 11 or higher for maximum strength. Tighten all bolts (see Table 1) and re-confirm maximum signal (page 5, steps 25). Note: The 1000.2 Three-LNB Bracket with three DP Dual (or DP Single) LNBs can be used in place of the Integrated Adapter Bracket and DPP 1000.2 LNB. Connect the receiver cable(s) to the DPP 1000.2 LNB PORT 1 (and PORT 2 and PORT 3, as necessary) (page 6, step 6) and receiver. Some restrictions apply when connecting Legacy receivers. See page 7. Run Check Switch test and confirm 110°W, 119°W, and 129°W reception (page 6, steps 7-9). Take a software

