

Table of Contents

Important Safety Instructions	v
Chapter 1 - Introduction	1
Welcome to the DISH Network	1
Overview	1
If You Need More Assistance	3
Quick Start Guide	3
Quick Tours	5
Satellite Television	17
Off-Air (Terrestrial) Signal Quality	18
Chapter 2 - Receiver Description and Installation	19
Receiver Front Panel	19
Receiver Back Panel	21
Using the Remote to Control the Receiver	26
Use Your Remote Control	28
Optimizing Your Remote Control	33
Installing the Receiver	34
Connecting Your Receiver to a Phone Line	39
Setting Up to Receive Off-Air Broadcasts	41
Chapter 3 - Using the Receiver	47
Using the Menus	47
Using the Program Guide	48
Using the View Banner	51
Using the Browse Banner	51
Buying Pay Per View Programs	53
Using Timers	54
Using Themes	61
Using Search	62
Using Favorites Lists	64
Using the DVR Features	66
Using Locks	69
Using Caller ID	78
Changing Languages	80
Using Closed Captioning	80
Setting Up the Receiver to Control a VCR	81
Setting Up a VCR for VCR Timers	83
Using Dolby® Digital Sound	83
Using the Remote to Control Other Devices	85

Chapter 4 - Dish Antenna Installation.....95
 Installing a DISH 500 Antenna95
 Mounting the Dish96
 Installing a Multiple Dish DISH Pro System102
 DISH Pro Wiring Diagrams103

Chapter 5 - Reference.....109
 Troubleshooting Tables109
 Device Codes122

Appendix127
 Limited Warranty127
 Residential Customer Agreement129
 Staying Legal135
 FCC Compliance135

Index141

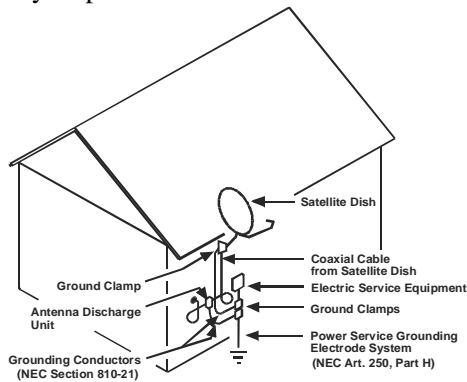
Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Use only attachments/accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

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.



Safety Tips

- Unplug the receiver from the AC power outlet *before* cleaning.
- The use of accessories or attachments not recommended by the receiver manufacturer will void the *Limited Warranty*.
- Do *not* place the receiver in an enclosure such as a cabinet without proper ventilation.
- Do not install the receiver in any area where the temperature can be less than 40°F or more than 113°F.
- Do *not* stack the receiver on top of or below other electronic devices.
- Operate the receiver using *only* the type of power source indicated on the marking label. Unplug the receiver power cord by gripping the power plug, *not* the cord.
- Do *not* overload wall outlets or extension cords, as this can result in a risk of fire or electrical shock.
- *Never* insert objects of any kind into the receiver through openings, as the objects may touch dangerous voltage points or short out parts. This could cause fire or electrical shock.
- *Make sure* that the outdoor parts of the antenna system are grounded in accordance with local, state, federal, and *National Electrical Code* (NEC) requirements.
- Do *not* locate the antenna near overhead light or power circuits, or where it can fall into such power lines or circuits. When installing the antenna, take *extreme* care to avoid touching such power lines or circuits, as contact with them can be *fatal*.
- Do *not* attempt to service the receiver yourself, as opening or removing covers may expose you to dangerous voltage, and will void the *Limited Warranty*. Refer all servicing to authorized service personnel.
- Use an outlet that contains surge suppression or ground fault protection. For added protection during a lightning storm, or when the receiver is left unattended and unused for long periods of time, unplug the power cord from the wall outlet, disconnect the lines between the receiver and the antenna, and disconnect the telephone line. This will provide some protection against damage caused by lightning or power line surges.