

Contents

Safety Instructions	v
Chapter 1 - Introduction.....	1
Welcome to DISH Network	1
About this Receiver	1
Overview	2
Getting Started	3
Quick Tour of Basic Features	4
Quick Tour of the Menus	6
About Satellite Television	10
Satellite Signal Quality	10
Chapter 2 - Receiver Description and Installation.....	13
Receiver Front Panel	13
Receiver Back Panel	14
Remote Controls	16
Connecting the Receiver to a Nearby TV	19
Connecting the Receiver to the TV(s) in Another Room(s)	21
Changing the TV1 and TV2 Output Channels	24
Connecting the Receiver to the Phone Line	25
Connecting the Receiver to a Dish Antenna System	26
Optional - Connecting to an Off-Air Antenna or Cable	28
Optimize Your Remote Controls	29
Chapter 3 - Using the System.....	31
Using the Remote Controls	31
Using the Menus	36
Changing Channels	39
Using the Program Guide	39
Displaying Program Information	41
Using Favorites Lists	43
Using Timers	46
Using Themes and Search	53
Using Locks	56
Personal Identification Number	62
Using Caller ID	63
Resetting the Receiver	64
Changing Program Languages	65
Control Other Devices with the Remote Controls	65
Testing the System	76

Chapter 4 - Dish Antenna Installation.....77

- Installing a DISH 500 Antenna77
- Installing a Multiple Dish DISH Pro System84
- DISH Pro Wiring Diagrams86
- Running Coaxial Cable92

Chapter 5 - Reference.....93

- Troubleshooting Tables93
- Device Codes104

Appendix109

- Limited Warranty109
- Residential Customer Agreement111
- Staying Legal117
- FCC Compliance117

Index119

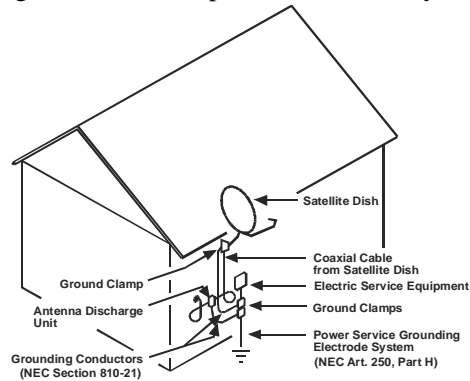
Safety Instructions

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.