





**Model 5400  
Satellite/DVD System  
User's Guide**



## WARNING VS. ATTENTION

You *must* be aware of safety when you install and use this system. These *instructions* provide various procedures. Some of these procedures could result in injury or property damage if you do them improperly. Other procedures require special attention.

In this *Guide*, the following notes tell you when you need to pay special attention:

 <p>WARNING!</p>	<p>Marks a procedure where the following may happen:</p> <ul style="list-style-type: none"><li>• Personal injury or death may occur.</li><li>• Equipment or property may be damaged.</li></ul>
 <p>ATTENTION!</p>	<p>Marks the following issues:</p> <ul style="list-style-type: none"><li>• Important operation or maintenance instructions follow.</li><li>• Special attention is required.</li></ul>

## FOR YOUR SAFETY

 <p>WARNING!</p>	<ul style="list-style-type: none"><li>• Do <i>not</i> try to open the case of the receiver. There is risk of electrical shock, which may cause damage to the receiver and/or personal injury or death to you. There are <i>no</i> user-serviceable parts inside the receiver. Opening the receiver case or making unauthorized changes will void the warranty.</li></ul>
 <p>WARNING!</p>	<ul style="list-style-type: none"><li>• To reduce the risk of fire or electric shock, do <i>not</i> expose this appliance to rain or moisture.</li></ul>

**Note:** This *Guide* covers the DVD/Satellite Receiver. This *Guide* may also cover other models, not listed here.

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# Safety Instructions

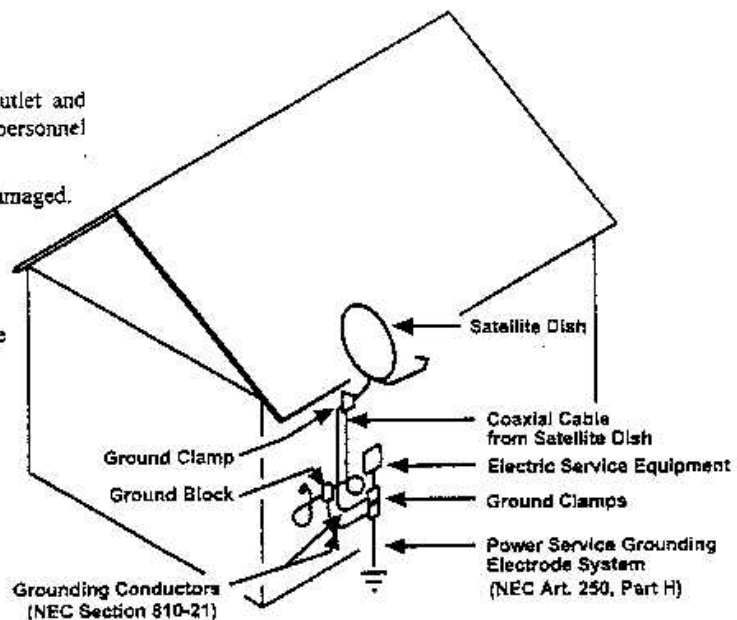
 <p>WARNING!</p>	<p>Please <i>always</i> follow these instructions to help ensure against injury to yourself and damage to the system.</p>
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- **Read** all safety and operating instructions before you operate the receiver.
- **Retain** all safety and operating instructions for future reference.
- **Heed** all warnings on the receiver and in the safety and operating instructions.
- **Follow** all installation, operating, and use instructions.
- **Unplug** the receiver from the AC power outlet before cleaning. Use only a damp cloth for cleaning the exterior of the receiver.
- **Do not use** accessories or attachments not recommended by the receiver manufacturer, as they may cause hazards and void the warranty.
- **Do not operate** the receiver in high humidity areas or expose it to water or moisture.
- **Do not place** the receiver on an unstable cart, stand, tripod, bracket, or table. The receiver may fall, causing serious personal injury and damage to the receiver.
- **Do not block** or cover slots and openings in the receiver. These are provided for ventilation and protection from overheating. Never place the receiver near or over a radiator or heat register. Do not place the receiver in an enclosure such as a cabinet without proper ventilation.
- **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.
- **Insert** the plug properly. The receiver is equipped with a polarized AC line plug (one blade is wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still fails to fit, contact an electrician to replace the obsolete outlet. Do not defeat the safety purpose of the polarized plug.
- **Route** power supply cords so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.
- **Do not overload** wall outlets or extension cords, as this can result in a risk of fire or electrical shock.

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- **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.  
**Note to CATV System Installer:** This reminder is provided to call the CATV system installer's attention to Article 820-40 of the 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.
- **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 warranty. Refer all servicing to authorized service personnel.
- **Unplug** the receiver from the wall outlet and refer servicing to authorized service personnel whenever the following occurs:

- The power supply cord or plug is damaged.
- Liquid has been spilled or objects have fallen into the receiver.
- The receiver has been exposed to rain or water.
- The receiver has been dropped or the chassis has been damaged.
- The receiver exhibits a distinct change in performance.



# 1 Introduction

## WELCOME!

*Congratulations!* You are about to experience the pleasure and convenience of the integration of a Digital Versatile Disc (DVD) Player with Digital Video Broadcast - this digital transmission technology allows the absolute best in picture and sound quality combined with the most up-to-date satellite products and services.

As the leader in convergent technology and one of the world's most reputable providers of satellite products and services, EchoStar ensures high performance, ease of operation, and a vast array of entertainment options. Widely recognized in the industry for extensive research and development activity, EchoStar has combined a DVD/CD player with an advanced satellite receiver and will continue to produce technology to keep you current on the most up-to-date options to support your complete home entertainment system.

## FOR MORE INFORMATION

For basic installation procedures, see the *Installation Instructions* that came with your system. For more detailed installation procedures, see the instructions included in the optional Installation Kit. For information on professional installation, call the Service Center at 1-800-333-DISH (3474).

*For assistance using the receiver or remote*

1. Review the part of this *Guide* that covers the desired subject.
2. If this does not help, review the *Problems and Solutions Tables* beginning on page 5-5.

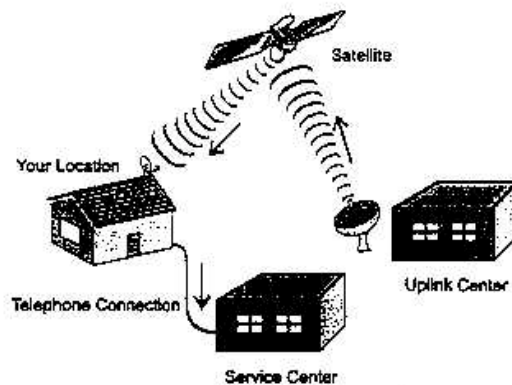
If this does not help, call the Service Center at 1-800-333-DISH (3474), or see the home page at <http://www.dishnetwork.com>.

## SATELLITE TELEVISION

Satellite television uses a satellite in a *geosynchronous* orbit over the Earth to deliver television and audio programming. This type of orbit enables the satellite to stay aligned over one place on the surface of the Earth. Once the satellite dish is aimed at the satellite, the dish does not have to move to follow it.

The programming signal is transmitted to the satellite from a facility on the ground called the "Uplink Center." The satellite then transmits the signal to the dish. The signal the receiver processes is customized based on the programming or information services ordered.

To receive DISH Network satellite television services, you must have a satellite dish and receiver installed that are compatible with the DISH Network. To order pay per view programs, you must connect the receiver to an active telephone connection.



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### SATELLITE SIGNAL QUALITY

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#### RAIN AND SNOW FADE

Heavy rain, snow, or cloud cover can block the satellite signal, which can interrupt your programming service. By aiming the satellite dish to get the strongest signal, you can help prevent rain and snow from interrupting the signal.

#### SOLAR INTERFERENCE

Twice a year, the sun is in a position behind the satellite, in orbit around the Earth. The exact time of the year that this occurs varies, depending on the location, but it will be around the beginning of spring and again around the beginning of autumn. When the sun is directly behind the satellite, solar energy overpowers the satellite signal for just a few minutes. This is an unavoidable natural event for all satellite television program providers. During this period, you will *not* be able to see programs. Once the sun has moved from behind the satellite, the programs will reappear.

### AVAILABLE SERVICES

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The DISH Network provides a wide range of exciting and entertaining services covering a variety of interests, including movies, sports, news, education, hobbies, music, shopping, comedy, and more.

- **Subscription Services** are programs or services that you purchase for extended periods. They are billed at regular intervals, and remain activated until you call the Service Center to cancel them.
- **Package Services** are groups of services offered to you at a discount. They provide the greatest value to you because they combine the services that you want to activate at a reduced rate.
- **One-Time Services** are special broadcast events and other purchases you use once. They include pay per view programs, and special programming.

### ABOUT THE DVD PLAYER

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The DVD Player will allow you to watch your favorite DVD movies and listen to your favorite audio CDs. The DISH DVD player uses the NTSC color recording system. It uses Dolby™ Digital (AC-3™) and PCM audio recording systems.

### DVD DISCS AND AUDIO CDS

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The DVD player is compatible with 5" (12 cm) and 3" (8 cm) DVD Video™ Discs, and with 5" and 3" (CD single) Compact Digital Audio™ discs. It is designed for playback of Region 1 (United States of America, and Canada) encoded DVD software. Use of software not intended for Region 1 playback may result in undesirable performance. Do not try to play Photo CD or CD-R. Data on the disc may be damaged.

Discs which cannot be played with this player:










- DVD with Region No. other than "1" or "ALL"
- PAL system disc
- DVD-ROM
- DVD-R/DVD-RAM
- CD-ROM
- VSD
- CDV
- CD-G
- CD-RW
- DVD+RW
- CVD
- SVCD
- Divx Video Disc



**SATELLITE QUICK START TIPS**

The following tips help you get a fast start using the satellite system. The left column describes some common options and the right column shows which button on the remote control to use.











**Note:** The remote control *must* be in **SAT** mode.

<p><b>Change Channels</b> Press the <b>Up</b> or <b>Down</b> button, or enter the channel using the number pad buttons.</p>	
<p><b>Open the Main Menu</b> Press the <b>Menu</b> button.</p>	<p><b>MENU</b></p> 
<p><b>Open the Program Guide</b> Press the <b>Guide</b> button.</p>	
<p><b>Open the Browse Banner</b> Press the <b>Right</b> arrow.</p>	
<p><b>Order a Pay Per View Program</b> Choose the program using the <b>Program Guide</b>, and follow the on-screen instructions.</p>	
<p><b>See the Last Channel You Watched</b> Press the <b>Recall</b> button. Press this button repeatedly to switch between the last two channels.</p>	
<p><b>Select a Program Based on a Theme</b> Press the <b>Left</b> button. If the <b>Main Menu</b> is open, select the <b>Themes</b> option, select the theme, then the program.</p>	
<p><b>See Information about a Program</b> Press the <b>Info</b> button while using the <b>Program Guide</b>, <b>Browse Banner</b>, <b>Themes</b>, or while watching a program.</p>	
<p><b>Activate a Favorites List</b> Press the <b>Guide</b> button to open the <b>Program Guide</b>. Press the <b>Guide</b> button repeatedly to scan through the available Favorites Lists.</p>	

**DVD PLAYER QUICK START TIPS**

The following tips help you get a fast start using the DVD player. The left column describes some common options and the right column shows which button on the remote control to use.

**Note:** The remote control *must* be in **SAT** mode.

<p><b>Switching to the DVD Player Mode</b> Press the <b>Select</b> button. To go back to satellite TV, stop the disc from playing and press the <b>View</b> button.</p>	
<p><b>Playing a DVD</b> Insert a DVD disc and press the <b>Play</b> button.</p>	
<p><b>Opening the DVD Disc Menu</b> Press the <b>Menu</b> button while a DVD is loaded.</p>	<p><b>MENU</b></p> 
<p><b>Selecting a Menu Option</b> Press the <b>Up</b>, <b>Down</b>, <b>Right</b>, or <b>Left</b> button to highlight the desired option and press the <b>Select</b> button, or enter menu number using the number pad buttons.</p>	
<p><b>Stopping Play</b> While a DVD is playing, press the <b>Stop</b> button.</p>	
<p><b>Skipping Ahead/Back</b> During DVD playback, press the <b>Skip Ahead</b> button to skip to the next chapter on the DVD disc. Press the <b>Skip Back</b> button to skip back to the beginning of a chapter or to the previous chapter.</p>	<p><b># SKIP</b></p>  <p><b>SKIP</b></p> 
<p><b>Rapid Advance/Rewind</b> During DVD playback, press the <b>Fast Forward</b> button to fast forward play. Press the <b>Rewind</b> button to rewind play. For faster advancement or rewind, press these buttons repeatedly until desired speed is achieved (up to 4x).</p>	 
<p><b>Still Picture</b> During DVD playback, press the <b>Pause</b> button. Press the <b>Play</b> button to continue playback.</p>	

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### **The DVD Player Banner**

During DVD playback, press the **View** button to open the **DVD Player Banner**. Press it again to access its options.



**Notes:**