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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. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. 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.
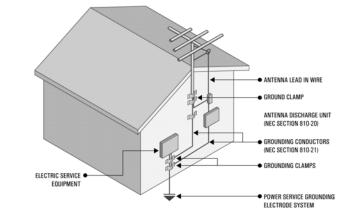
   Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

Note to 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 monitor from the AC power outlet *before* cleaning.
- The use of accessories or attachments not recommended by the monitor manufacturer will void the *Limited Warranty.*
- Do *not* place the monitor in an enclosure such as a cabinet without proper ventilation.
- Do *not* stack the monitor on top of or below other electronic devices.
- Do *not* drop or impact the monitor. The LCD monitor is fragile and may break.
- Operate the monitor using *only* the type of power source indicated on the marking label. Unplug the monitor 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 monitor 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 monitor 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 electrical outlet that contains surge suppression or ground fault protection. During a lightning storm, or if the monitor is to be left unattended and unused for a long period of time, unplug the power cord from the electrical outlet and disconnect the cable between the monitor and an off-air antenna, if applicable. This will provide some protection against damage caused by lightning or power line surges.

Chapter 1

Introduction

Welcome to DISH Network HDTV. This High Definition TV (HDTV) monitor will bring you the sharpest picture format available. Along with HDTV programming delivered by DISH Network, you will also be able to enhance your home entertainment system with this versatile monitor.

Key Features

Your monitor is equipped with features that will add to your TV-viewing experience. These features include the following:

DISH Digital Visual Interface (DISH DVI)

Use the DISH DVI input to connect a DISH DVI-equipped DISH Network HDTV satellite receiver. This connection provides the highest quality digital signal available for HD programming.

Unified Remote Control

The remote control provided with your DISH DVI-equipped DISH Network receiver seamlessly controls both your DISH Network HDTV monitor and satellite receiver. To program the remote to control other devices, see the satellite TV receiver User's Guide.

How to Use This Guide

Tips

In the margins of pages throughout this guide are tips and other information to make using your HDTV monitor easier.

Conventions

To make it easy for you to use this guide, we use the following conventions.

- The names of remote control buttons and modes are in all capital letters. Example: Press the SAT button.
- Menus and options that appear on the monitor's screen are in bold type. Example: Open the **Main Menu**.
- Connections on the back of the monitor and receiver are in small capital letters.
  Example: **VIDEO**.

If You Run Into Problems

There are problems you might run into that are easy to solve. Before you call the Customer Service Center, be sure to refer to *Chapter 5, Troubleshooting.* If problems remain call the Customer Service Center at 1-800-333-DISH (3474).

Tip: Save your purchase receipt for the monitor. See the Limited Warranty on page 37 for details.

Chapter 1

Introduction

Notes

Chapter 2

Monitor Description

Monitor Display and Media Box

There are three main components of the LCD monitor - the monitor display, the Media Box, and the power supply.

The monitor display is a flat, thin screen that shows the video. The display includes speakers attached to both sides to play audio and includes an integral stand for table-top mounting.

> **Note**: Remove the film covering the monitor's screen.

The Media Box includes the monitor controls and provides the audio/video input connections for your DISH Network satellite receiver and other devices. It connects to the monitor display using a system cable. The Media Box can either be mounted on the back of the monitor display or mounted separately whichever makes getting to the controls or connections easier.

> **Note**: To mount the Media Box to the display, insert four mounting posts on the Media Box into the matching key-shaped holes on the display back panel and push down to lock in place. To remove the Media Box, press down and hold the locking clip at the bottom of the Media Box while gently pulling the Media Box up and then away from the monitor.

The power supply provides power from a wall outlet to the monitor through a connection on the display back panel.

See *Chapter 4* for installation instructions.

Monitor - Front View

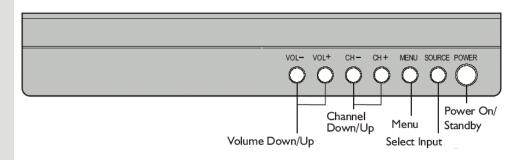**Monitor - Back View
with Media Box Attached**

**Monitor - Back View
with Media Box Mounted Separately**

Media Box Front Panel

The front panel buttons may be used to operate many of the monitor's features.

Menu

Displays the **Main Menu**. Use the MENU button to go back one level in the menus.

Channel Controls

Changes channels on the monitor's **TV** input. While in the menus, use the CHANNEL +/- to move vertically through the menus.

Note: Normally, you would want to change programming channels using the DISH Network satellite receiver and its Electronic Program Guide.

Volume Controls

Turns the volume up or down. While in the menus, use the VOL +/- to move horizontally through the menus and adjust menu settings. In the **Source Select** menu, use the VOL +/- to move the highlight to a different input.

Power

Turns the monitor on and off.

Source

Displays the **Source** menu. In the **Source** menu, once the desired input is highlighted using the VOL +/- buttons, use the SOURCE button to switch to the highlighted input.

Media Box Back Panel

DISH DVI Input

Connect a DISH DVI-equipped DISH Network HD receiver to watch high definition programming.

- **DISH DVI** - Provides a high-quality digital video interface.

- **L-Audio-R** (RCA-type audio) - Provides left (white) and right (red) audio connections when using the **DISH DVI** video input.
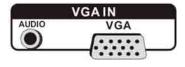
Component Inputs

Connect a component video source, such as an HD device or a DVD player, to **HDTV1 IN** or **HDTV2 IN**.

- **Y-P$_B$-P$_R$** / **Y-C$_B$-C$_R$** (Component Video) - Provides optimum picture quality because the video is separated into three components: **Y** (green), **P$_B$**/**C$_B$** (blue), and **P$_R$**/**C$_R$** (red).

- **L-Audio-R** (RCA-type audio) - Provides left (white) and right (red) audio connections when using the **COMPONENT INPUTS**.

VGA Input

Connect a VGA video source, such as a computer, to **VGA IN**.

- **VGA** - Provides optimum picture quality because the video is separated into its individual pieces and travels along the connector's pins.

- **AUDIO** (3.5 mm mini-jack) - Provides stereo (left and right) audio when using the **VGA IN** video input.

Note: There is also a VGA input on the monitor itself. This input can only be used when the Media Box' system cable is disconnected from the monitor. Make sure that the monitor is powered off before disconnecting the system cable.

S-Video and Composite Inputs

Connect another device, such as a VCR or DVD player, to **S-VIDEO, AV1 IN,** or **AV2 IN**.

- **VIDEO** (RCA-type Video) - Provides composite video connections (yellow) for the **AV1 IN** and **AV2 IN** inputs.

- **S-VIDEO** - Provides better picture quality than the RCA-Type Video (yellow) connections because the video is separated into two parts: color and brightness.

  Note: When connected, **S-VIDEO** replaces the **AV1 IN VIDEO** input and uses the **AV1 IN** audio inputs.

- **R-AUDIO-L** (RCA-type audio) - Provides right (red) and left (white) audio connections when using the **AV1 IN** or **AV2 IN** inputs.

Audio/Video Outputs

Connect an amplifier, audio receiver, VCR, or external video monitor to **AV OUT**.

- **VIDEO** (RCA-type Video) - Provides a composite video output (yellow).

  Note: This video output does not include menu overlays or messages.

- **R-AUDIO-L** (RCA-type audio) - Provides right (red) and left (white) variable audio outputs.
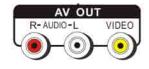
  Note: The **AV OUT** only provides video from a standard-definition input. If you are using a high-definition input, the **AV OUT** displays content from the **TV1 INPUT**.
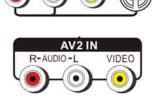
Antenna/Cable Inputs (Capped)

Connect an antenna to **TV1** or **TV2** to receive analog broadcasts from an off-air antenna.

Note: For the best viewing experience, you should use the off-air tuner provided in your DISH DVI-equipped DISH Network satellite receiver. The satellite receiver's off-air tuner can receive both analog and digital off-air broadcasts, integrates off-air programming into its Electronic Program Guide, and allows all of the satellite and off-air programming to be viewed over a single high-quality digital connection.

Note: The **TV1** and **TV2** inputs are for standard definition channels only.
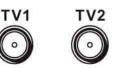
Headphone Jack
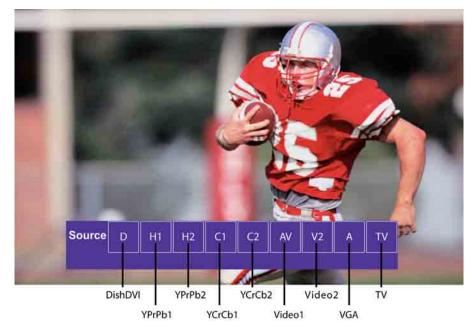
HEADPHONE - Provides a stereo 3.5 mm mini-jack audio output. To control the volume for this input, see page 17.

Using the Monitor's Inputs
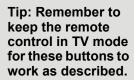
To view the programming provided through the audio/video connections on the Media Box, the DISH LCD monitor must be switched to the correct input. To switch to the desired input, find its source name on the example screen below, and then either:

- Press the INPUT button on the remote control to switch inputs until the input name is highlighted on the **Source Select** bar, or

- Press the GUIDE button on the remote control, then use the LEFT and RIGHT ARROWS to highlight the input name on the **Source** bar, then press SELECT.

Tip: Remember to keep the remote control in TV mode for these buttons to work as described.

Note: The **H1** and **C1** inputs share the same physical connection on the Media Box (**HDTV1 IN**), but need to be selected separately depending on what device is connected. For example, **H1** is for high definition sources (720p or 1080i), which include DISH HD receivers and HD gaming consoles, while **C1** is for enhanced definition sources (480p) which include DVD Players and non-HD gaming consoles.

Note: In the **Source** bar, the **AV** input becomes the **SV** input when an S-Video cable is connected from a device to the Media Box.

Using the Remote Control

The remote control gives you easy access to the features of your monitor. This remote control is provided with your DISH DVI-equipped DISH Network satellite receiver.

Note: Your remote control may look slightly different than that shown.

Remote Control Buttons

The following section describes how to use the remote control with your monitor.

Mode Buttons

The mode buttons on your remote control allow you to control your monitor, DISH Network satellite receiver, and other devices.

• Press the SAT mode button to turn on the monitor and DISH Network satellite receiver, and change the monitor to the DISH DVI input so you can watch satellite programming.

   Note: You may need to press the SAT button a second time to switch the input to **DISH DVI**.

   This action also puts the remote control into the SAT mode, enabling it to control the satellite receiver. Refer to your satellite receiver *User's Guide* instructions to control your satellite receiver.

• Press the TV mode button to control the DISH Network LCD monitor. See the section below for details on monitor controls.

• Press the VCR and AUX mode buttons to control other devices.

   See the *User's Guide* that came with your DISH Network satellite receiver for instructions on using the VCR and AUX mode buttons to program the remote to control other devices.

TV Mode Button

Pressing the TV mode button puts the remote control in the TV mode. When in the TV mode, the other remote control buttons work as described below to control monitor features.

Note: Your remote control provided with your DISH DVI-equipped DISH Network satellite receiver comes from the factory ready to work with your DISH Network LCD monitor. However, the TV mode button can be programmed to operate other TVs. If the remote control has been programmed to operate a different TV and you wish to restore the remote control factory settings to control your DISH Network LCD monitor, see *Restoring Your Remote Control's Factory Settings for Monitor Control* on page 31.

Power Buttons

Press the POWER or TV POWER button to turn the monitor on or off. The TV POWER button will also turn the monitor on or off in other remote control modes.

Tip: Normally, you would want to use the remote control in SAT mode to watch DISH Network programming and to use the extensive features of your DISH Network satellite receiver.

SD/HD Input Button

Press the SD/HD INPUT button to switch to the next input on the monitor.

Menu Button

Press the MENU button to open the **Main Menu**. Use the MENU button to step back out of the menus.

Mute Button

Press the MUTE button to turn off the monitor sound. Press it again to restore the monitor sound. The MUTE button will mute and restore the monitor volume in other remote control modes.

Volume Button

Press the minus (-) side of the VOLUME button to lower the monitor volume. Press the plus (+) side of the VOLUME button to raise the monitor volume. The VOLUME button will change the monitor volume in other remote control modes.

Guide Button

Press the GUIDE button to display the **Source Select** menu. When displayed, use the LEFT and RIGHT ARROWS to highlight an input, and then select the input. While in the TV menus, press the GUIDE button to bring up the current input and channel information on the right side of the screen.

Up and Down Arrow Buttons

Press the UP and DOWN ARROW buttons to:

* Move up and down in a menu.
* Move the picture up and down on the screen when in **Pan** mode (described on page 25).
* Zoom the picture in and out when in **Zoom** mode (described on page 25).
* In Picture-in-Picture (**PIP**) mode, the UP ARROW will select a picture window for channel changes and audio control, while the DOWN ARROW will move the PIP window around the screen. See page 14 for information about **PIP**.

Left and Right Arrow Buttons

Press the LEFT and RIGHT ARROW buttons to:

•   Move left and right in a menu

•   Adjust menu settings.

•   Move the picture left and right on the screen when in **Pan** mode (described on page 25).

In Picture-in-Picture (**PIP**) mode, after selecting a window using the UP ARROW, the LEFT ARROW will allow the monitor to play the selected picture window's sound through the monitor's speakers, while the RIGHT ARROW will allow the monitor to play the selected picture window's sound through the headphone output. See page 14 for information about **PIP**.

Page Up and Page Down Buttons

Press the PAGE UP and PAGE DOWN buttons to change the channel up or down on the monitor's internal off-air tuner (**TV** input).

Note: For the best viewing experience, you should use the off-air tuner provided in your DISH DVI-equipped DISH Network satellite receiver. The satellite receiver's off-air tuner can receive both analog and digital off-air broadcasts, integrates off-air programming into its Electronic Program Guide, and allows all of the satellite and off-air programming to be viewed over a single high-quality digital connection.

Note: The **TV** input is for standard definition channels only.

Recall Button

Press the RECALL button to go back to the last channel or input you watched. Press it again to switch between the last two channels or inputs you watched.

Select/OK Button

Press the SELECT/OK button to:

•   Select menu items.

•   Tune to a channel once entered in using the NUMBER PAD.

•   Tune to an input once highlighted in the **Source Select** menu.

Tip: Remember to keep the remote control in TV mode for these buttons to function as described.

Info Button

Press the INFO button to activate the **Pan and Zoom** feature. The **Pan and Zoom** feature is described on page 25.

Cancel Button

Press the CANCEL button to remove any menu or display from the screen and return to normal viewing. While in PIP or POP, press the CANCEL button to return to **Full Screen** viewing.

Pound (#) Button

search

(#)

Press the POUND (**#**) button to open the **Picture Mode** menu. The **Picture Mode** menu is described on page 13.

Star / Format (*) Button

◄/FORMAT

(*)

Press the STAR (*****) button to set the **Sleep Timer** to turn off the TV after a given amount of time. The **Sleep Timer** is described on page 13.

PIP Button

PIP

Press this button to open the **PIP** window. Press the button a second time to open the Picture-Outside-Picture (**POP**) window. When you press the PIP button a third time, the **POP** window will close. See page 14 for more details on PIP and POP.

Note: Not all inputs may be available for **PIP**/**POP** windows.

Swap Button

SWAP

Press this button to swap the video in the main display with the video in the **PIP** or **POP** window.

Note: The SWAP button may not work with all inputs.

Position Button

POSITION

Press this button to move the **PIP** window to different positions on the monitor screen.

Tip: PIP lets you watch two channels at the same time - one channel on the main screen and the other in a smaller window. POP also lets you watch two channels at the same time - one channel on the left side of the screen (main picture) and the other on the right.

Number Pad Buttons

Use the NUMBER PAD buttons to enter a channel number to change the channel. Once entered in, press the SELECT/OK button to tune to the channel.

1	2	3
ghi	jkl	mno
4	5	6
pqrs	tuv	wxyz
7	8	9
◄/FORMAT	►	search
*	0	#

Note: For the best off-air viewing experience, you should use the off-air tuner provided in your DISH DVI-equipped DISH Network satellite receiver. The satellite receiver's off-air tuner can receive both analog and digital off-air broadcasts, integrates off-air programming into its Electronic Program Guide, and allows all of the satellite and off-air programming to be viewed over a single high-quality digital connection.

Note: The **TV** input is for standard definition channels only.

Chapter 3

Using the Monitor's Features

One-Button Features

Satellite System Power-Up

Once your HDTV monitor and DISH Network satellite TV receiver are connected with a **DISH DVI** cable, press the SAT button to power on both the monitor and satellite receiver. After the monitor is on, pressing the SAT button will always switch the display to satellite programming.

Picture Mode

Press the POUND (#) button on the remote to display the **Picture Mode** setting. Then, use the LEFT and RIGHT ARROWS to scroll through available video modes that enhance your viewing experience by modifying your **Brightness** and **Contrast** settings. The four options available are **Normal**, **Soft**, **Bright**, and a **User** definable setting.

Sleep Timer

Press the STAR (*) button on the remote to display the **Sleep Timer** setting. Then, use the LEFT and RIGHT ARROWS to specify how long until the monitor turns itself off. The amounts of time range from 0 to 120 minutes, in 15 minute increments.

Digital Pan and Zoom

Press the INFO button to activate the **Digital Pan and Zoom** feature. Then press the UP and DOWN ARROWS to zoom in and out. Press SELECT to switch between **Zoom** and **Pan**. When panning, use the ARROW BUTTONS to move around the screen.

Using the Monitor's Features

PIP and POP

The **PIP** feature lets you display a second, smaller picture on top of the main picture. The **POP** feature lets you display two windows side by side. The main picture is on the left and the **POP** window is on the right.

PIP Example

POP Example

Tip: Remember to keep the remote control in TV mode to use these buttons.

There are several remote buttons that control the way the PIP window works:

- PIP - Press this button to open the PIP window. Press the button a second time to open the POP window. When you press the PIP button a third time, the POP window will close.

  Note: When in POP, the picture on the left is the one that remains when you close the POP window.

  Note: In either PIP or POP, you can choose where each window's audio is played. Press the UP ARROW until the desired window is highlighted. Then, either press the LEFT ARROW to play that window's audio through the monitor's speakers or press the RIGHT ARROW play the audio through the **HEADPHONE** output on the Media Box.

- POSITION - Press this button to move the PIP window to different positions on the monitor screen.

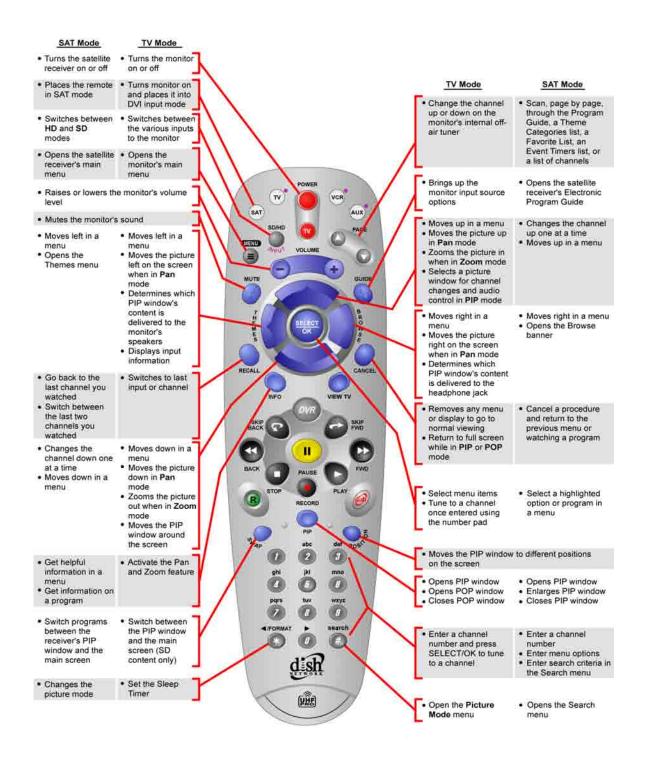 **Note**: The DOWN ARROW button also moves the PIP window.

- SWAP - Press this button to swap the video in the main display with the video in the PIP window.

  Note: The SWAP button will only work in PIP while displaying two standard definition inputs.

Remote Control Buttons

SAT Mode

- Turns the satellite receiver on or off
- Places the remote in SAT mode
- Switches between **HD** and **SD** modes
- Opens the satellite receiver's main menu
- Raises or lowers the monitor's volume level
- Mutes the monitor's sound
- Moves left in a menu
- Opens the Themes menu
- Go back to the last channel you watched
- Switch between the last two channels you watched
- Changes the channel down one at a time
- Moves down in a menu
- Get helpful information in a menu
- Get information on a program
- Switch programs between the receiver's PIP window and the main screen
- Changes the picture mode

TV Mode

- Turns the monitor on or off
- Turns monitor on and places it into DVI input mode
- Switches between the various inputs to the monitor
- Opens the monitor's main menu
- Moves left in a menu
- Moves the picture left on the screen when in **Pan** mode
- Determines which PIP window's content is delivered to the monitor's speakers
- Displays input information
- Switches to last input or channel
- Moves down in a menu
- Moves the picture down in **Pan** mode
- Zooms the picture out when in **Zoom** mode
- Moves the PIP window around the screen
- Activate the Pan and Zoom feature
- Switch between the PIP window and the main screen (SD content only)
- Set the Sleep Timer

TV Mode

- Change the channel up or down on the monitor's internal off-air tuner
- Brings up the monitor input source options
- Moves up in a menu
- Moves the picture up in **Pan** mode
- Zooms the picture in when in **Zoom** mode
- Selects a picture window for channel changes and audio control in **PIP** mode
- Moves right in a menu
- Moves the picture right on the screen when in **Pan** mode
- Determines which PIP window's content is delivered to the headphone jack
- Removes any menu or display to go to normal viewing
- Return to full screen while in **PIP** or **POP** mode
- Select menu items
- Tune to a channel once entered using the number pad
- Moves the PIP window to different positions on the screen
- Opens PIP window
- Opens POP window
- Closes POP window
- Enter a channel number and press SELECT/OK to tune to a channel
- Open the **Picture Mode** menu

SAT Mode

- Scan, page by page, through the Program Guide, a Theme Categories list, a Favorite List, an Event Timers list, or a list of channels
- Opens the satellite receiver's Electronic Program Guide
- Changes the channel up one at a time
- Moves up in a menu
- Moves right in a menu
- Opens the Browse banner
- Cancel a procedure and return to the previous menu or watching a program
- Select a highlighted option or program in a menu
- Opens PIP window
- Enlarges PIP window
- Closes PIP window
- Enter a channel number
- Enter menu options
- Enter search criteria in the Search menu
- Opens the Search menu

Menu System

When you press the MENU button on the remote control, the main menu is displayed with six different sub-menus. Use the menus described below to customize settings on your monitor.

Picture Menu

The **Picture** menu options apply to the video for the main TV and video input selections. To open the **Picture Menu**, press MENU and then highlight the **Picture** icon on the far left using the LEFT and RIGHT ARROWS. Use the UP and DOWN ARROWS to highlight an option, and adjust it using the LEFT and RIGHT ARROWS.

The ways that you can adjust the picture will vary depending on which video input is being viewed. For example, the **AV** input offers **Sharpness**, **Color**, and **Tint** options; the **H1** input instead offers **Phase** and **Frequency** options.

Brightness

Adjusts the brightness of the picture.

Contrast

Adjusts the difference between the light and dark areas of the picture.

Sharpness

Adjusts the crispness of the edges in the picture.

Color

Adjusts the richness of the color.

Tint

Adjusts the balance between the red and green levels.

Phase

Adjusts the clarity of the image.

Frequency

Adjusts the monitor to minimize any shimmering or rainbow-like noise displayed.
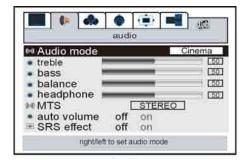
Color Temperature

Adjusts the color to be warmer or cooler. The five options available are **Warmest**, **Warm**, **Normal**, **Cool**, and **Coolest**.

Sound Menu

The **Sound** menu allows you to customize the sound settings on your HDTV monitor. To open the **Sound Menu**, press MENU and then highlight the **Audio** icon (second from the left) using the LEFT and RIGHT ARROWS. Use the UP and DOWN ARROWS to highlight an option, and adjust it using the LEFT and RIGHT ARROWS.

Tip: Remember to keep the remote control in TV mode to highlight and adjust options.

Audio Mode

Scroll through available sound modes to enhance your audio experience. The four options available are **Cinema**, **Music**, **News**, and a **User** definable setting.

Treble

Adjusts the treble.

Bass

Adjusts the bass.

Note: The **Audio Mode** must be set to **User** to be able to adjust **Treble** and **Bass**.

Balance

Adjusts the sound more to the right or left.

Headphone

Adjusts the volume of the headphone output.

MTS

Scrolls through the available audio types to control the way the sound comes through your speakers.

- **Stereo** - Splits the incoming stereo audio signal into left and right channels. Most TV programs and recorded materials have stereo audio. The word **Stereo** appears in the channel banner when you tune to a program that is broadcast in stereo.

- **SAP** - Plays any Secondary Audio Programming that may be carried with the program, such as a Spanish audio track or Descriptive Video for the hearing impaired.

- **Mono** - Plays the sound in mono only. Use this setting when receiving broadcasts with mono or weak stereo audio signals.

Note: The **MTS** option only appears on the **TV** input.

Auto Volume
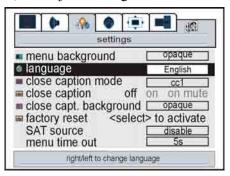
Enable **Auto Volume** to lower the sound level when a program's audio is loud, and to raise the sound level when a program's audio is quiet.

SRS Effect

Enable **SRS Effect** (Sound Retrieval System) to make a stereo audio signal sound more natural and three-dimensional.

Settings Menu

Tip: Remember to keep the remote control in TV mode to highlight and adjust options.

The **Settings** menu allows you to customize the menus and closed captioning on your HDTV monitor. To open the **Settings Menu**, press MENU and then highlight the **Settings** icon (third from the left) using the LEFT and RIGHT ARROWS. Use the UP and DOWN ARROWS to highlight an option, and adjust it using the LEFT and RIGHT ARROWS.

Menu Background

Change the background of the menu system to either **Opaque** or **Translucent**.

Language

Select the language in which the menus will appear: **English**, **Espanol** (Spanish), or **Francais** (French).

Closed Caption Mode

Select a closed caption setting from the following list: **cc1**, **cc2**, **t1**, **t2**, **cc3**, **cc4**, **t3**, or **t4**. These settings represent one of four different closed captioning channels in either Caption (cc) or Text (t) mode. In **Caption** mode, the dialog or commentary shows up as text while not blocking the picture. In **Text** mode, information independent of the program is shown over the picture, such as a weather forecast or a TV program schedule.

Closed Caption

Change closed caption settings.

- **Off** - Turns off closed captioning

- **On** - Turns on closed captioning.

- **On Mute** - Turns on closed captioning only when the TV is muted.

Closed Caption Background

Select either an **Opaque** or **Transparent** background for closed caption displays.

Note: **Closed Caption Mode** and **Closed Caption Background** options are only available when **Closed Caption** is set to **On**, or set to **On Mute** when the TV is muted.

Factory Reset

Press SELECT to bring up a confirmation screen asking if you want to reset all settings back to factory defaults. Use the RIGHT and LEFT ARROWS to highlight **Yes**, then press SELECT to perform the reset.

Sat Source

Select the input that the monitor will switch to when the SAT button is pressed.

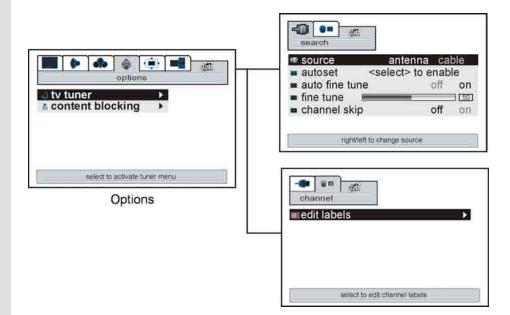**Note**: If you want to disable this feature, select the **Disable** option.

Menu Time Out

Select how long the menus stay on the screen before returning to programming: **5s**, **15s**, **60s**, or **5 min**.

Using the Monitor's Features

Options Menu

The **Options Menu**, only available on the **TV, AV/SV**, and **V2** inputs (see page 6 for descriptions), allows you to set up and customize your TV channels and set up locks based on programming content. To open the **Options Menu**, press MENU and then highlight the **Options** icon (third from the right) using the LEFT and RIGHT ARROWS. Use the UP and DOWN ARROWS to highlight an option, and adjust it using the LEFT and RIGHT ARROWS.

TV Tuner Menus

The **TV Tuner Menu**, only available for the **TV** input, allows you to set up and customize your TV channels. To open the **TV Tuner Menu**, select **TV Tuner** from the **Options Menu**. To return from the **TV Tuner** menus, press the MENU button.

Search Menu

To open the **Search Menu**, highlight the **Search** icon (on the left) from the **TV Tuner Menu** using the LEFT and RIGHT ARROWS. Use the UP and DOWN ARROWS to highlight an option, and adjust it using the LEFT and RIGHT ARROWS.

Source

Set the **TV** input for either an **Antenna** or **Cable** TV source.

Autoset

Select **Autoset** to automatically scan through channels and add them to the TV's memory. To stop a scan in progress, press the MENU button.

Auto Fine Tune

Enable **Auto Fine Tune** to automatically tune a channel's frequency to obtain the best picture and sound.

Fine Tune

Manually tune a channel's frequency to obtain the best picture and sound.

Channel Skip

Add or remove a channel from the TV's memory.

- **Off** - Turning **Channel Skip Off** adds the channel to the TV's memory.
- **On** - Turning **Channel Skip On** removes the channel from the TV's memory. The channel may only be accessed by direct entry on the NUMBER PAD.

Channel Menu

To open the **Channel Menu**, highlight the **Channel** icon (on the right) from the **TV Tuner Menu** using the LEFT and RIGHT ARROWS.

Edit Labels

Select **Edit Labels** to allow channel labels to be changed. Use the PAGE UP and DOWN buttons to select a channel, then use the ARROW BUTTONS to edit that channel's label. The INPUT button will clear the current entry, and the MENU button will return you to the menus.

Content Blocking Menu

Note: Your DISH Network satellite receiver has parental locks that can lock out DISH Network programming based on ratings, content, or by channel.

The **Content Blocking Menu** allows you to block TV (non-satellite) programs and movies containing violence, sex, or other content that may not be appropriate for some viewers (e.g. children). After you block programs, you can unblock programs by entering a password. By default, the software inside your TV is turned off. To open the **Content Blocking Menu**, select **Content Blocking** from the **Options Menu**. To return from the **Content Blocking** menus, press the MENU button.

Note: Content Blocking may only be accessed on the **AV/SV**, **V2**, and **TV** inputs.

Password Menu

The **Password Menu** is where you must enter and can change the password for the content blocks. To open the **Password Menu**, highlight the **Password** icon (on the left) from the **Content Blocking Menu** using the LEFT and RIGHT ARROWS.

Enter

To enter the user-defined six-digit password, use the UP and DOWN ARROWS to change each digit one at a time, and use the LEFT and RIGHT ARROWS to move to the next digit and then select **OK**.

Note: The initial password is 000000. After you have set up locks, you may change the password.

Change

After the correct password has been entered, the **Change** option will appear. If you want to change the password, use the UP and DOWN ARROWS to change each digit one at a time, and use the LEFT and RIGHT ARROWS to move to the next digit, and then select **OK**.

Movie Blocking

The **Movie Blocking Menu** is where you can set locks based on non-satellite movie ratings. To open the **Movie Blocking Menu** after entering the password, highlight the **Movie Blocking** icon (in the middle) from the **Content Blocking Menu** using the LEFT and RIGHT ARROWS.

In this menu, you will see the ratings below. To lock a rating, highlight it using the ARROW BUTTONS and press SELECT. Locking a rating also locks all ratings below it. For example, locking **R** also locks **NC-17**, **X**, and **NR**.

Rating	Description and Content Themes for Age-Based Ratings
G	**General Audiences** - All ages admitted.
PG	**Parental Guidance Suggested** - Some material may not be suitable for children.
PG-13	**Parents Strongly Cautioned** - Some material may be inappropriate for children under 13.
R	**Restricted** - Under 17 requires accompanying parent or adult guardian.
NC-17	**No One 17 and Under Admitted.**
X	**X Rated** - An older rating unified with NC-17 but may be used in older movies.
NR	**Not Rated**

TV Blocking

The **TV Blocking Menu** is where you can set blocks based on non-satellite TV ratings. To open the **TV Blocking Menu** after entering the password, highlight the **TV Blocking** icon (on the right) from the **Content Blocking Menu** using the LEFT and RIGHT ARROWS.

In this menu, you will see both age and content ratings below. To lock a rating, highlight it using the ARROW BUTTONS and press SELECT. Locking a rating also locks all ratings below it. For example, locking **TV-PG** also locks **TV-14** and **TV-MA**. To lock a content theme within a rating, highlight it using the ARROW BUTTONS and press SELECT. For example, locking **TV-14 V** (violence) also locks **TV-MA V** (violence).

Note: Broadcasters are not required to provide content themes or age-based ratings.

Rating	Description and Content Themes for Age-Based Ratings
TV-Y	**All Children** - Themes and elements in this program are designed for a young audience, including children from ages 2-6. It is not expected to frighten younger children.
TV-Y7	**Directed to Children 7 Years and Older** - Designed for children ages 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make-believe and reality. Themes and elements in this program may include mild fantasy violence (FV) or comedic violence, or may frighten children under the age of 7.
TV-G	**General Audience** - Most parents would find this program suitable for all ages. It contains little or no sexual dialogue (D) or situations (S), no strong language (L), and little or no violence (V).
TV-PG	**Parental Guidance Suggested** - Contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The program contains one or more of the following content themes: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).
TV-14	**Parents Strongly Cautioned** - Contains some material that many parents would find unsuitable for children under 14. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following content themes: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).
TV-MA	**Mature Audience Only** - Specifically designed to be viewed by adults and may be unsuitable for children under 17. It contains one or more of the following content themes: crude indecent language (L), explicit sexual activity (S), or graphic violence (V).

Content Themes	
D	Sexually explicit dialogue
L	Adult language
S	Sexual situations
V	Violence
FV	Fantasy Violence

Window Menu

Tip: Remember to keep the remote control in TV mode to highlight and adjust options.

The **Window** menu allows you to customize how images appear on your HDTV monitor. To open the **Window Menu**, press MENU and then highlight the **Window** icon (second from the right) using the LEFT and RIGHT ARROWS. Use the UP and DOWN ARROWS to highlight an option, and adjust it using the LEFT and RIGHT ARROWS.
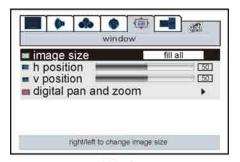
Image Size

Scroll through the available **Image Size** options, which adjust how the image is displayed on the screen.

- **Normal** - The picture is displayed without modification, in its native resolution and aspect ratio.
- **Fill All** - The picture is stretched vertically and horizontally to fill the display from edge to edge.
- **Wide** - A 4:3 image is stretched to fill a 16:9 display with as little distortion of the image as possible. The stretching only occurs on the sides of the image, with the extreme edges of the picture showing the most stretching. Additionally, the top and bottom 5% of the picture are cropped.
- **Zoom** - A 16:9 image has its top and bottom cropped by 10%, then fills the screen horizontally. A 4:3 image has all sides cropped 16.5%, then fills the screen.

  Note: **Wide** and **Zoom** image sizes are only available on **AV/SV**, **V2**, and **TV** inputs.

H Position

Adjusts the horizontal position of the picture.

V Position

Adjusts the vertical position of the picture.

Note: **H Position** and **V Position** are NOT available on the **D** (**DISH DVI**) input.

H Wide

Adjusts the width of the picture.
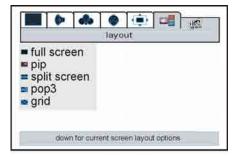
V High

Adjusts the height of the picture.

Note: H Wide and **V High** are only available on the **H1** and **H2** inputs.

Digital Pan and Zoom

Press the RIGHT ARROW once to select **Digital Pan and Zoom**. Once selected, press the UP and DOWN ARROWS to zoom in and out. Press SELECT/OK to switch between **Zoom** and **Pan**. When panning, use the ARROW BUTTONS to move around the screen.

Layout Menu

The **Layout** menu allows you to alter Picture-in-Picture (PIP) settings on your HDTV monitor. To open the **Layout Menu**, press MENU and then highlight the **Layout** icon on the far right using the LEFT and RIGHT ARROWS. Use the UP and DOWN ARROWS to highlight an option, and adjust it using the LEFT and RIGHT ARROWS.

Tip: Remember to keep the remote control in TV mode to highlight and adjust options.

Full Screen

Press the RIGHT ARROW to select **Full Screen**. This layout displays one main frame on the screen.

PIP

Press the RIGHT ARROW to select **PIP**. This layout displays one main frame and one PIP frame on the screen.

Split Screen

Press the RIGHT ARROW to select **Split Screen**. This layout displays one main frame and one split frame on the screen.

POP3

Press the RIGHT ARROW to select **POP3**. This layout displays one main frame and one scanning frame that shows snapshots as it moves between three positions on the right side of the screen.

Note: **POP3** is only available when you have the **TV INPUTS** connected.

Grid

Press the RIGHT ARROW to select **Grid**. This layout displays one scanning frame that shows snapshots as it moves between nine positions around the screen.

Note: This option is available only on the **TV INPUT**.

Chapter 4

Installation and Setup

Installation Considerations

Protect Against Power Surges

- Connect all components before you plug any of their power cords into a power strip.
- Turn off the monitor and/or component before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the *Safety Instructions* on page iii.
- To protect audio amplifiers of the monitor or connected audio equipment, ensure the volume is turned down before powering up the system.

Protect Components from Overheating

- Don't block ventilation holes on any of the components. Arrange the components so that air can circulate freely.
- Don't stack components.
- When you place components in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other components.

Position Cable Properly to Avoid Audio Interference

- Insert each cable firmly into the designated jack.
- If you place components above the monitor, route all cables down the side of the back of the monitor instead of straight down the middle of the monitor.
- If your antenna uses 300-ohm twin lead antenna cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.

Important Stand and Base Safety Information

Choose the location for your monitor carefully. Place the monitor on a stand or base that is of adequate size and strength to prevent the monitor from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the monitor. Refer to the *Safety Instructions*.

Use Indirect Light

Don't place the monitor where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.
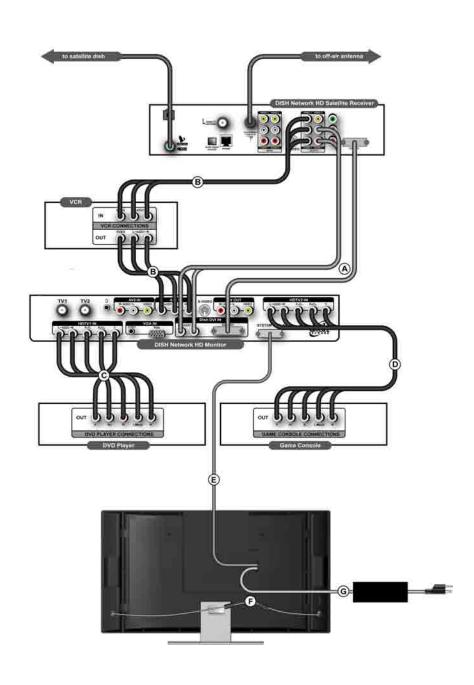
Magnet Warning

Don't place large speakers or a subwoofer close to the monitor or the picture can become permanently distorted.

Connecting Your HDTV Monitor

Use the diagram below and the following instructions to connect your DISH Network HD monitor to your DISH Network satellite receiver and other optional devices. This is the recommended installation for best results, although other installations are also supported.

(A) **Connect Your DISH Network Satellite Receiver**

1. Connect a DVI cable between the Media Box and DISH Network satellite receiver **DISH DVI** connectors.

2. Connect red and white RCA-type cables between the matching color RCA-type plugs on the Media Box audio inputs and DISH Network satellite receiver audio outputs.

(B) **Connect a VCR (Optional)**

Follow these instructions to connect the monitor to a VCR. See your VCR User's Guide for VCR setup instructions.

1. Connect yellow, white, and red RCA-type cables between the matching color RCA-type plugs at **AV1 IN** or **AV2 IN** inputs on the Media Box and the VCR outputs.

2. Connect yellow, white, and red RCA-type cables between the matching color RCA-type plugs at the inputs on the VCR and the satellite TV receiver outputs.

   Note: Optionally, instead of connecting video using yellow RCA-type connections, connect an S-Video cable at the input on the VCR and satellite TV receiver output.

(C) (D) **Connect a DVD Player and/or Game Console (Optional)**

Follow these instructions to connect the monitor to a DVD player or other device. See your DVD player or other device User's Guide for setup instructions.

1. Connect green, blue, and red component cables between the matching color connections at the **HDTV1** or **HDTV2** inputs on the Media Box and outputs on a DVD player or other device.

2. Connect white and red RCA-type cables between the matching color RCA-type plugs at the **HDTV1** or **HDTV2** inputs on the Media Box and the outputs on a DVD player or other device.

(E) **Connect the System Cable**

Connect the system cable to the Media Box and to the monitor's **SYSTEM CABLE** connections.

Note: Before disconnecting the system cable, first make sure that the monitor is powered off.

(F) **Connect the Speaker Cables**

Connect the speaker cables from the monitor to the speakers. Make sure that the black cylinders on the cables are closer to the monitor connection than the speaker connection as shown on page 28. Make sure each speaker wire is connected to the same color on both ends - red to red, black to black.

Note: If speaker wire clips are included on the back of the monitor, you may place the speaker wires through the clips for a cleaner looking installation.

(G) **Plug In Your Monitor to a Power Outlet**

Connect the power supply's DC power cable to the monitor by plugging the special round connector to the Media Box's **POWER IN** connector on the back. The notch on the round connector when properly positioned will face you. Plug the other provided power cable into the power supply, and connect the power supply plug to a power strip.

Installing the Media Box Stand

The DISH Network LCD monitor is shipped with a stand to hold the Media Box upright. Complete the following instructions to mount the Media Box on the stand.

1. Turn off and unplug the monitor.

2. Disconnect all of the cables from the Media Box.

3. Remove the Media Box by pressing down and holding the locking clip at the bottom of the Media Box while gently pulling the Media Box up and then away from the monitor.

4. Turn the Media Box so that the DISH Network logo is right side up.

5. Place the stand on the right side of the Media Box.

6. Align the holes on the stand with the holes on the Media Box.

7. Insert and tighten the two screws included with the monitor.

8. Reconnect all of the cables as described in *Connecting Your HDTV Monitor* starting on page 28.

Removing the Speakers

The DISH Network LCD monitor is shipped with its speakers attached. If you want to detach the speakers, follow these instructions.

Note: Make sure the monitor's power is disconnected before attaching or detaching speaker connections.

1. Turn off the monitor, and unplug it from power.

2. Detach both speaker cables from both the speaker and the monitor.

3. On each speaker, there are two plastic covers. Squeeze them on the top and bottom and carefully pull them off.

4. Behind each cover are four Phillips-head screws. Unscrew them.

   Note: As you unscrew the speakers, make sure to hold the speaker to prevent it from being damaged in a fall.

5. Store the screws, covers, and speakers.

Restoring Your Remote Control's Factory Settings for Monitor Control

Your remote control provided with your DISH DVI-equipped DISH Network satellite receiver comes from the factory ready to work with your DISH Network HDTV monitor. However, the TV mode button can be programmed to operate other TVs (refer to your DISH Network satellite receiver User's Guide for more details). If the remote control has been programmed to operate a different TV, you can restore the remote control factory settings to control your DISH Network HDTV monitor by performing the following:

1. Press and hold the TV button until all four mode buttons light. Release the button.

2. Use the NUMBER PAD buttons to enter 7-4-2.

3. Press the POUND (#) button. If you entered the code correctly, the TV mode button will flash three times.

4. Press the SAT button and the monitor should turn on. If it doesn't turn on, repeat steps 1 through 4.

Installation and Setup

Notes

Chapter 5

Troubleshooting

Use these tables if you have problems using the system *before* calling the Customer Service Center. Many problems arise from misunderstandings of how the system works, especially when you are just becoming familiar with it. These tables cover many problems, usually with a simple solution for each one. To solve a particular problem, do the following:

1. Review the section in this *Guide* that relates to the problem.

2. If you cannot find a solution, then find the section in the following tables that relates to the problem.

   - Read the *What's Happening* column until you find the problem.
   - Try each of the suggested solutions in the *What to Do* column.

3. If the problem cannot be solved using the above steps, call the Customer Service Center at 1-800-333-DISH (3474).

Troubleshooting Tables

Monitor

What is Happening	What to Do
Monitor won't turn on.	• Press the TV power button. • Press the SAT button. • Make sure the monitor is plugged in. • Something might be wrong with your remote control. Press the POWER button on the front of the Media Box. If the monitor turns on, check and replace the remote control batteries. • If the wall outlet is switched, make sure the switch is in the ON position. • Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
Can't see DISH Network programming.	• Make sure your monitor is on. • Monitor may be set for the wrong input. Press the SAT button on the remote control. • Make sure the satellite receiver is on. • Check your DISH DVI cable connections.
Remote won't control the monitor.	• Remote control may need to be reprogrammed. See the instructions on page 31. • Make sure the remote control is in TV mode. • Check and replace the remote control batteries.
Front panel buttons don't work.	• Unplug the monitor for two minutes and then plug it back in. Turn the monitor on and try again. • Check the System Cable's connection between the Media Box and the monitor.
Monitor turns off while playing.	• Sleep timer may have been activated. Go to page 13 for instructions. • Unplug. Wait two minutes. Plug in again.
Monitor turns on unexpectedly.	• You might have pressed a button on the remote control accidentally.
Blank screen.	• Make sure the monitor is turned on. • Make sure the component connected to the monitor is turned on. • Try another channel or input. • Check your cable connections.
No sound, picture OK.	• Maybe the sound is muted. Try pressing the volume up button to restore sound. • If using S-Video, $Y-P_B-P_R$, or DISH DVI connections, remember to also connect the component's left and right audio output jacks to the monitor's corresponding L and R Audio input jacks. • The sound settings may not be set correctly. Go to page 16 for more information. • Check the cable connectors. • The picture window's audio is set to Headphone. Go to page 16 for more information.
Can't select certain channels or inputs.	• Channel may be blocked or not approved in the Parental Controls menu. • If using a VCR, check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).
Noisy stereo reception.	• May be a weak station. Use **Audio** menu to choose mono sound. • Adjust the off-air antenna to improve reception.
No picture, no sound, but monitor is on.	• Make sure the component connected to the monitor is turned on. • The Source option in the Options - TV Tuner - Search menu may be set to the wrong position. • The channel or input might be blank — change channels or inputs. • If you're watching your VCR and it's connected with coaxial cable to the CABLE/ANTENNA jack, tune the monitor to channel 3 or 4 (whichever channel is selected on the 3/4 switch on the back of your VCR). Also check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR). • Check cable connections.
Sound OK, but the picture is poor.	• Check antenna connections. • Make sure all of the cables are firmly connected to the jacks. • Try adjusting the Sharpness option to improve weak signals.
Volume buttons not adjusting volume louder.	• Check to make sure volume isn't limited by the Auto Volume feature (see page 17).
Picture not moving.	• Check whether the Pause feature on your DISH Player-DVR or VCR is activated.

What is Happening	What to Do
Black box appears on the screen.	• Closed-captioning might be enabled on either your monitor or your satellite receiver. Check Closed Caption in the Settings menu. Go to page 18 for more instructions. Check your satellite receiver's User's Guide.
Closed caption is not working	• Closed Caption Mode may be set to the incorrect mode. Go to page 18 for more information. • Closed Captioning may not be available on this input.

V-Chip/Parental Controls

What is Happening	What to Do
Ratings limits don't work.	• The V-Chip Parental Control is not available for DISH DVI, HDTV1, or HDTV2 inputs. Your DISH DVI-equipped DISH Network satellite receiver provides parental controls for the DISH DVI input. See the User's Guide that came with your satellite receiver.
Password lost or forgotten.	• If you forget your password, enter 666888 as the password. The Change option will then be displayed, giving you an opportunity to change your password.
V-Chip blocks non-violent programs.	• Maybe the movie was given an NR (Not Rated) status. After you block movie ratings, you must unlock NR separately in order to view movies with an NR rating.

Troubleshooting

Notes

Appendix

Limited Warranty

⚠ This Limited Warranty is a legal document. Keep it in a safe place. Remember to retain your original purchase receipt for warranty service! Any items returned without a copy of the original purchase receipt will be considered out of warranty.

What the Warranty Covers

This warranty extends only to the original user of this DISH Network Monitor. EchoStar Technologies Corporation ("EchoStar") warrants this DISH Network Monitor against defects in materials or workmanship as follows:

LABOR: For a period of one (1) year from the original date of purchase, if EchoStar determines in its sole judgment that the DISH Network Monitor is defective subject to the limitations of this warranty, EchoStar will arrange to pay an Authorized Service Center for DISH Network Monitors for the labor charges to repair your DISH Network Monitor. EchoStar warrants any such work done against defects in materials or workmanship for the remaining portion of the original warranty period.

PARTS: For a period of one (1) year from the original date of purchase, if EchoStar determines in its sole judgment that any part of a DISH Network Monitor is defective subject to the limitations of this warranty, EchoStar will arrange to pay an Authorized Service Center for DISH Network Monitors to supply new or re-manufactured parts in exchange for parts determined by EchoStar in its sole judgment to be defective subject to the limitations of this warranty. EchoStar warrants any such replacement parts against defects in materials or workmanship for the remaining part of the original warranty period. Note: "parts" means items included in this package. It does not include other parts purchased separately.

For Service

• Call 1-800-333-DISH (3474) and have your unit's date of purchase and model number ready.
• A Customer Service Representative will assist you.
• If the Representative determines that the monitor needs service, they will provide you with contact information in order to have your DISH Network Monitor serviced.
• The original purchase receipt which is evidence that the product is within the warranty period must be presented to obtain warranty service.
• If the monitor is wall mounted you will need to remove it from the wall in order for it to be serviced. Unless it was professionally installed by DISH Network in which case you will need to provide the work order document provided at the time of install showing that the unit was professionally installed.

What the Warranty Does Not Cover

• This warranty *does not cover* customer instruction. (Your Owner's Manual describes how to install, adjust, and operate your unit. Any additional information should be obtained from your retailer.)
• This warranty *does not cover* installation and related adjustments. If applicable, such installation will be warranted under a separately purchased installation agreement.

- This warranty *does not cover* physical setup or adjustment of any consumer electronic devices, remote control batteries, loss of use of the DISH Network Monitor, or unused programming charges due to malfunction.
- This warranty *does not cover* signal reception problems.
- This warranty does not cover cosmetic damage, damage due to lightning, electrical or telephone line surges, fire, flood, or other acts of Nature, accident, misuse, abuse, repair or alteration by other than an Authorized Service Center for DISH Network Monitors, use of accessories not included in this package, negligence, commercial or institutional use, or improper or neglected maintenance.
- This warranty *does not cover* batteries.
- This warranty *does not cover* damage from images burnt onto the screen.
- This warranty does not cover a unit that has been modified or incorporated into other products.
- This warranty *does not cover* a unit purchased, serviced or operated outside the continental United States of America.
- This warranty *does not cover* problems which do not involve defective materials or workmanship. Costs of such service calls are the sole responsibility of the user.
- This warranty *does not cover* equipment sold AS IS or WITH ALL FAULTS.
- This warranty *does not cover* shipping damage.
- This warranty *does not cover* a limited number of nonconforming pixels.

Legal Limitations

REPLACEMENT AND/OR REPAIR AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. ECHOSTAR SHALL NOT BE HELD LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESSED OR IMPLIED WARRANTY ON THIS DISH NETWORK MONITOR, NOR FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF, OR INABILITY TO USE, THIS DISH NETWORK MONITOR. UNDER NO CIRCUMSTANCES SHALL ECHOSTAR'S LIABILITY, IF ANY, EXCEED THE PURCHASE PRICE PAID FOR THIS DISH NETWORK MONITOR. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS SYSTEM IS LIMITED IN DURATION TO THE PERIOD OF THIS WARRANTY. ECHOSTAR RESERVES THE RIGHT TO REFUSE TO HONOR THIS WARRANTY IF ECHOSTAR DETERMINES ANY OF THE ABOVE EXCEPTIONS HAVE CAUSED THIS DISH NETWORK MONITOR NOT TO HAVE PERFORMED PROPERLY. THIS WARRANTY SHALL BE VOID IF ANY FACTORY-APPLIED IDENTIFICATION MARK, INCLUDING BUT NOT LIMITED TO SERIAL NUMBERS, HAS BEEN ALTERED OR REMOVED. THIS WARRANTY SHALL ALSO BE VOID IF THIS DISH NETWORK MONITOR HAS BEEN OPENED BY AN UNAUTHORIZED PERSON.

How State Law Relates to this Warranty

Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

Equipment Modifications

There are no customer repairable parts inside. Any attempts to open or repair the Monitor will void your warranty. There is risk of electrical shock, which may result in damage to the equipment, or personal injury or death.

FCC Compliance

The following text is extracted from Federal Communications Commission (FCC) regulations, as of the publication date of this Guide. Contact the FCC (see following) or your library for the complete text of the regulations.

Radio Interference

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

• This device may not cause harmful interference, and
• This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.
• If none of the above remedies stops the radio interference, you should contact a licensed radio/television technician, your satellite dealer, or call the Customer Service Center at 1-800-333-3474, for assistance.

Appendix

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Notes

Notes

Write the following information in the spaces provided below. You may need to provide this information if you call the Customer Service Center.

Purchase Location Name:	
Purchase Location Telephone Number:	
Monitor Serial Number:	

134536