

# Remote User Guide



**dish**  
NET WORK®

## **Safety Instructions**

You must keep safety in mind while using this device. Keep these and any other instructions for future reference.

Observe Warnings: Carefully follow all warnings on the device and in the operating instructions.

Heat: Do NOT place the device near heat sources such as radiators, stoves, heat registers, or other appliances that produce heat.

## **Care and Use**

Cleaning: Do NOT use liquid, abrasive, solvent, or aerosol cleaners. Use a damp cloth for cleaning.

When Not in Use: Remove the batteries if this device is to be left unattended or unused for a long period of time.



Refer servicing to qualified personnel when a solid object or liquid has fallen onto or into the device.



Do NOT attempt to service this device. Refer all servicing to qualified personnel. Opening covers other than the battery cover will void the warranty.

## **Publishing Information**

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# Configuring the 40.0 Remote

**Note:** If you are using the green TV1 key that comes installed in your remote, skip these steps. Go to *Insert the Batteries* (page 2).



**1**



Confirm your remote has the green number 1 key installed.

**2**



Pull the remote battery cover off.

If your remote has a blank, black key, continue to *Insert the Batteries* on page 2.

**3**



Separate the key from the remote by inserting your thumbnail or a coin in the crease.

**4**



Remove the key by grasping at the bottom.

**5**



Insert the key face up and slide into place.

# Insert the Batteries

1



Pull the remote battery cover off.

2



Insert 4 AAA batteries, making sure to match the plus (+) ends with the plus markings on the battery case.

3



Replace the remote battery cover.

# Using System Wizard

Use System Wizard initially to set up the remote to work with the receiver. System Wizard can also store/restore the settings for your XiP system in both your remote control's memory and on the receiver. This feature is helpful if you ever need to program a replacement remote or a new system.

**Note:** If your batteries are low, replace them before beginning.

**1**



OR



Press and hold 0 until System Wizard message appears. Make sure the remote and receiver are in line of sight.

Or, Press MENU, select **Remote Control**, and then select **System Wizard**.

**2**



If first time in System Wizard, follow instructions provided.

**3**



Follow the on-screen options to Backup or Restore setting for your XiP system and remote control settings.

**4**



Select **Continue** to return to your paid programming.

# Linking Remote to Receiver

Use these instructions to link the remote to the receiver if your receiver does not support System Wizard.



1



Verify the antenna is installed on the back of the receiver.

2



Turn your receiver and TV on, and press SYSTEM INFO on the front panel of the receiver.

3



Confirm that you see the **System Info** screen.

4



Press and release SAT on your remote. Wait until you hear a tone and see the remote listed on the screen.

5



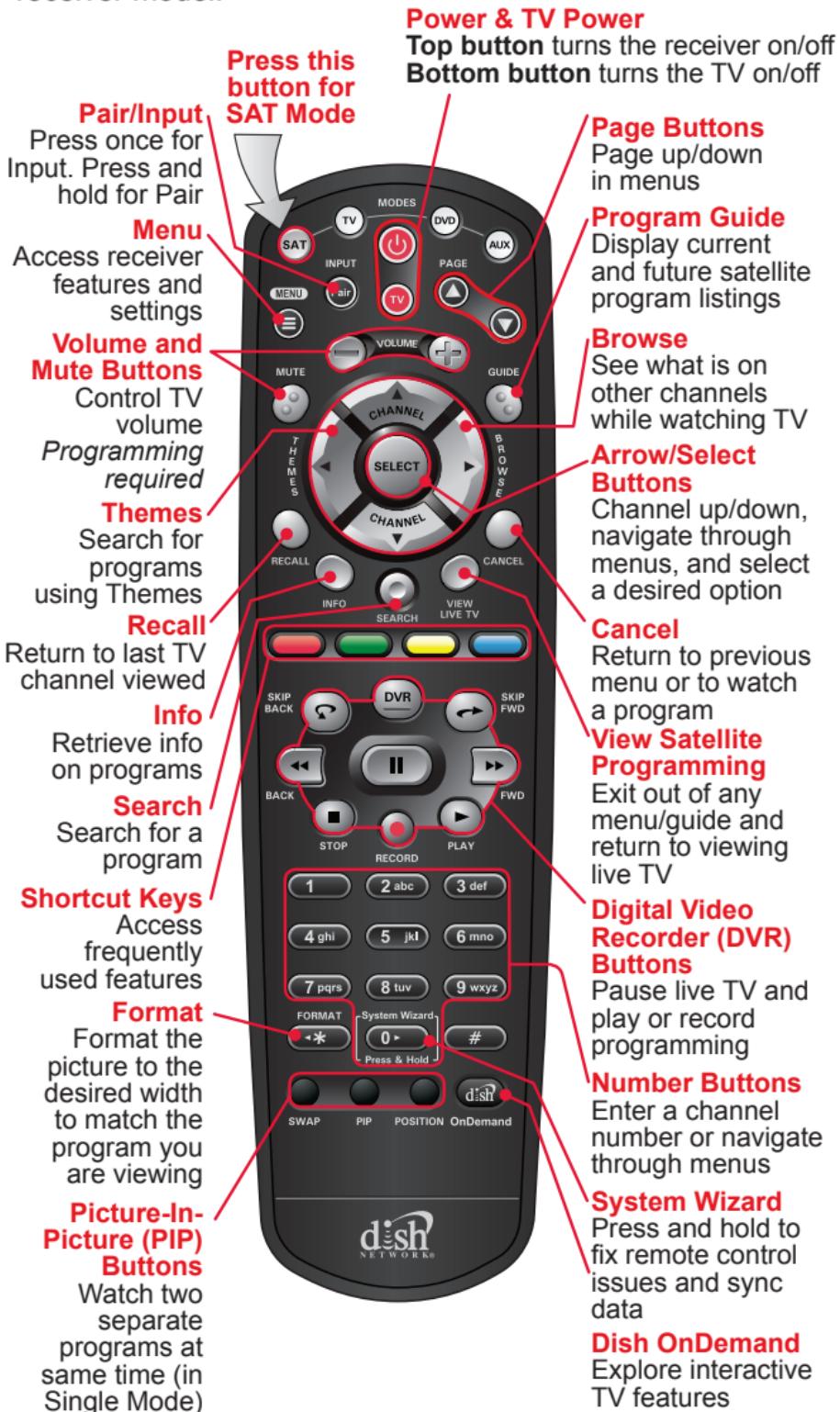
Confirm that your remote operates your receiver by pressing remote buttons. If this is not working, go back to step 4.

# SAT Mode



To use the features described in this section, make sure you are in SAT mode by pressing the SAT Mode button.

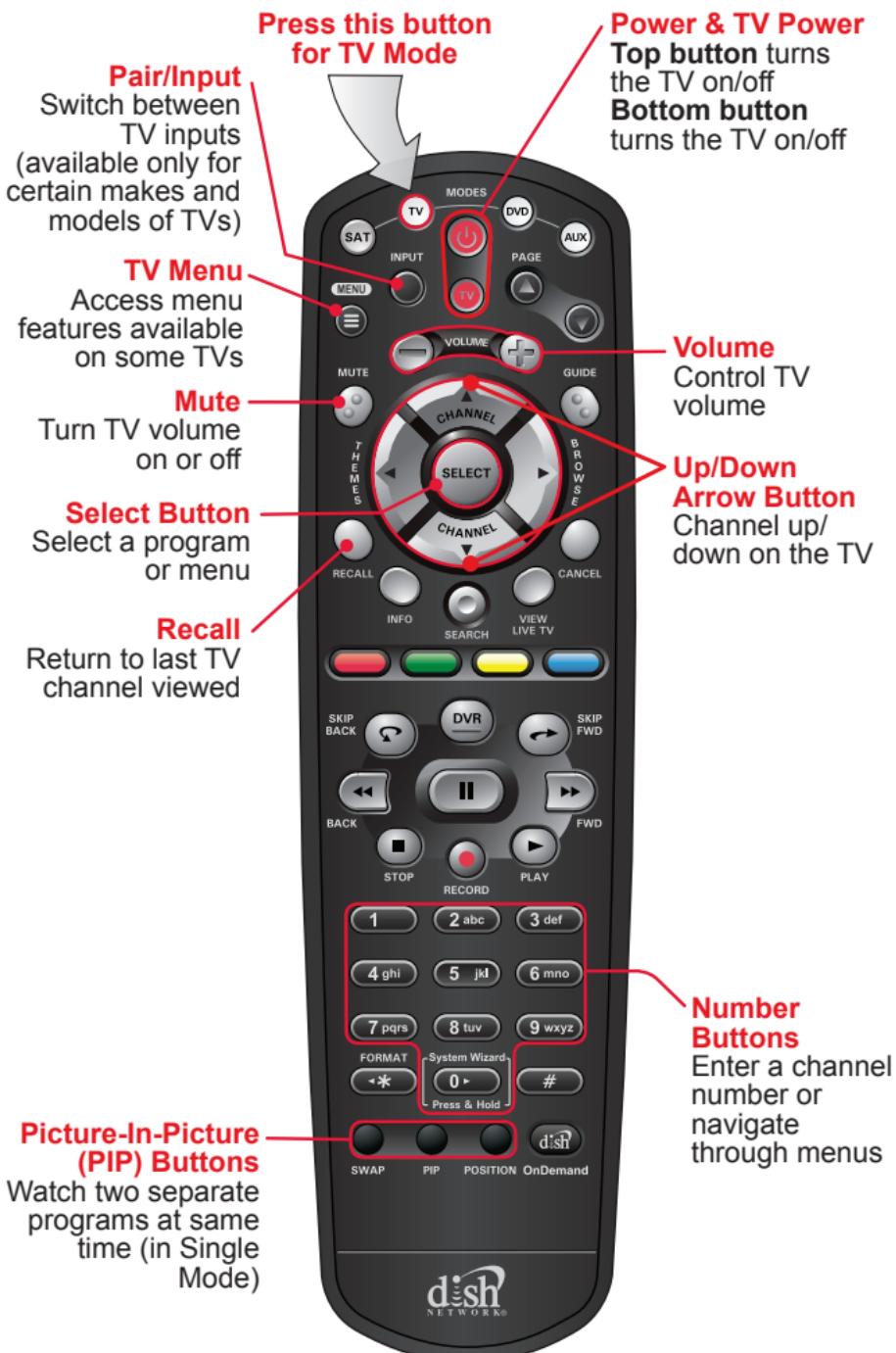
**Note:** Some features may not be available depending on your receiver model.



## TV Mode



To use the features described in this section, make sure you are in TV mode by pressing the TV Mode button. Remote programming is required. **Note:** Some features may not be available depending on your receiver model.

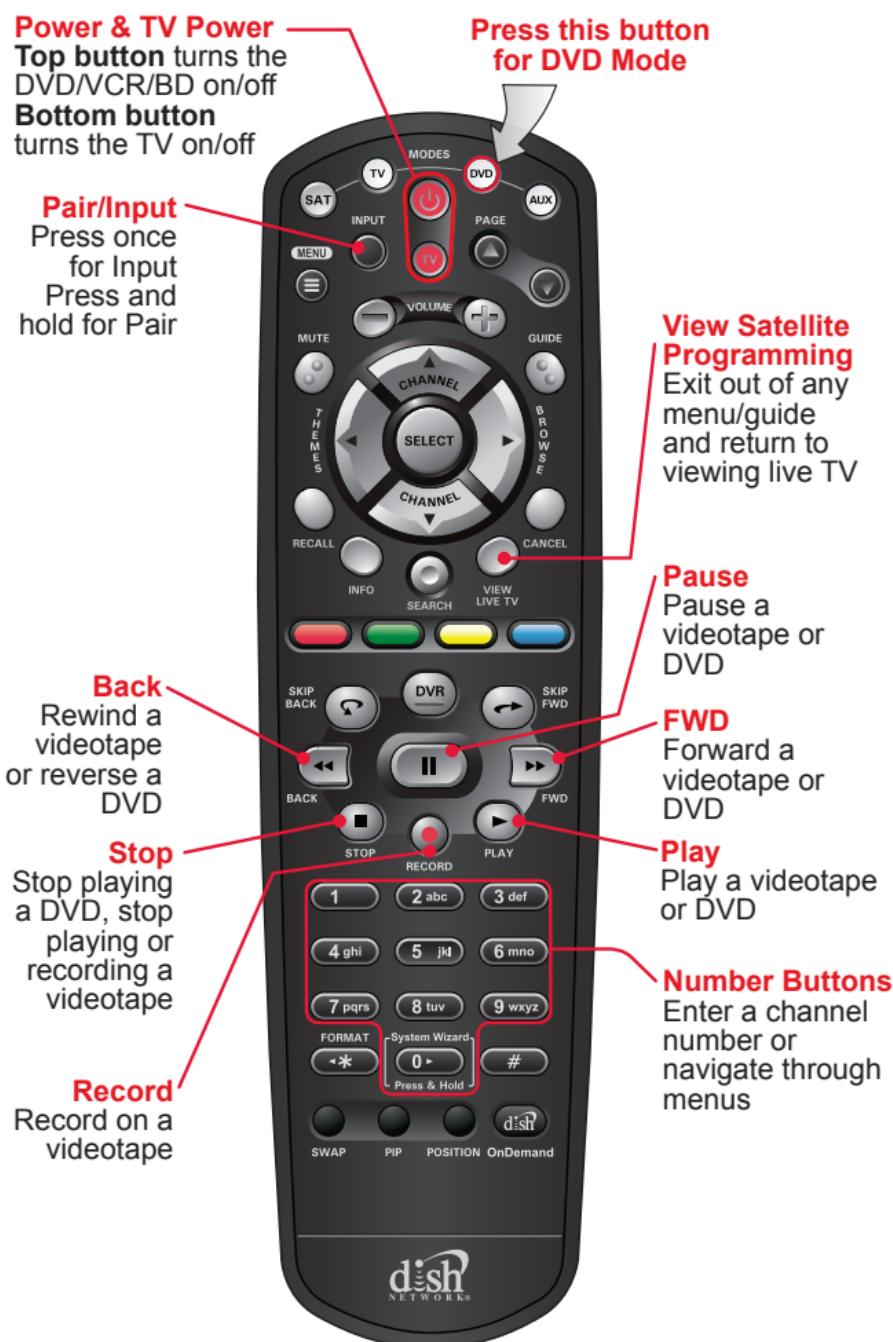


**Note:** Remote operation is different on DISH Network TVs. See your DISH Network TV User's Guide for proper operation.

# DVD Mode



To use the features described in this section, make sure you are in DVD mode by pressing the DVD Mode button. You can use this mode to operate a Blu-ray disc player or VCR. Remote programming is required. **Note:** Some features may not be available depending on your receiver model.



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# DVR Functions

DVR



- Press twice to go to the list of recorded programs.



PLAY

- Plays a live or recorded program.



- Pauses a live or recorded program.



STOP

- Stops recording a program.



RECORD

- Records a program.



BACK

- Press BACK once to reverse the program four times as fast as normal play. Press BACK twice to reverse at 15 times normal speed, three times to reverse at 60 times normal speed, and four times to reverse at 300 times normal speed. The on-screen bar shows how far you've gone. For a live program, you can only reverse back to the last channel change or back one hour, whichever occurs first.



SKIP  
BACK

- Press SKIP BACK to skip back about 10 seconds in a program.



FWD

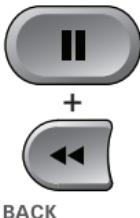
- Press FWD (Forward) once to fast-forward through the program four times normal speed. Press FWD twice to forward at 15 times normal speed, three times to forward at 60 times normal speed, and four times to forward at 300 times normal speed. The on-screen bar shows how far you've gone. Of course, you cannot forward into the part of a live program that has not been broadcast.

# DVR Functions, continued



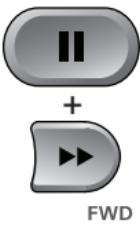
SKIP  
FWD

- Press SKIP FWD to skip ahead about 30 seconds in the program.



BACK

- Press PAUSE and then press BACK to reverse the program in slow motion at 1/4 the speed of normal play. Press BACK again to reverse at normal speed.



FWD

- Press PAUSE and then press FWD to forward the program in slow motion at 1/15 the speed of normal play. Press FWD twice to forward at 1/4 as fast as normal play. Press FWD three times to play the program. Of course, you cannot forward a live program that has not been broadcast yet.



SKIP  
BACK

- Press PAUSE and then press SKIP BACK to reverse the recording frame-by-frame.



SKIP  
FWD

- Press PAUSE and then press SKIP FWD to advance the recording frame-by-frame.

# Using Remote Button Shortcuts

In addition to their normal functions, some buttons on your remote control have special shortcut functions when you are navigating the on-screen Electronic Program Guide (EPG), or inside a drop-down menu of options or scrollable list of events displayed by your receiver.

## DVR Buttons

The following table lists some of these shortcuts for the gray set of buttons that normally control your DVR functions.



**Note:** Scheduled updates to your receiver software may add to or modify these shortcuts.

Buttons	In Guide Display	Scroll in Lists
SKIP BACK	Move 3 hours back	By 1 screen upward
PLAY + II	Watch highlighted show	No
SKIP FWD	Move 3 hours ahead	By 1 screen downward
BACK	24 hours back	To beginning of list
FWD	24 hours ahead	To end of list

## Colored Buttons

The following table lists some of the shortcuts for the colored set of buttons on your remote control.

**Note:** Scheduled updates to your receiver software may add to or modify these shortcuts.

Buttons	From Live TV	Scroll in Lists
Red	Jumps to menu bar	Jumps to menu bar
Green	Access Quick Clicks list	No
Yellow	Access Setting screen	No
Blue	Access Broadband Setup	No

# Programming Remote to Control Another Device

## Entering a Code

1



Turn the device and receiver on.

2



Press MENU and select the **Settings** tile. From the Settings screen, select **Remote Control**.

3



Select the **TV Code**, **DVD Code**, or **AUX Code** option on the Remote Control settings screen. If programming in TV Code or DVD Code, continue to Step 4. If programming in AUX Code, continue with this step.

**For programming in AUX Mode AUX only:**  
Scroll the **Aux Device**: list to select and highlight your device type. Select **Next**.

4



Select **Enter Code**.

5



Using the on-screen keypad, enter the four-digit code for your device. Select **Continue**.

# Programming Remote to Control Another Device, con't.

## Entering a Code, continued

**5**



Confirm that the code you entered appears for the programmed device (TV, DVD, or AUX) on the Remote Control settings screen.

**6**



Press the Mode button for the device you are programming (TV, DVD, or AUX). Release.

**7**



Press POWER. If device does not turn off, press SAT to switch modes and release. Try entering the code again. If device turns off, continue to step 10.

**8**



Using remote, turn the device back on and try some other remote buttons to see if they work.

Repeat steps 1 through 10 until you have the best code for controlling your device.

# Programming Remote to Control Another Device, con't.

## Scanning the Remote Database

1



Turn the device and receiver on.

2



Press MENU and select **Settings** tile. From the Settings screen, select **Remote Control**.

3



Select either **TV Code**, **DVD Code**, or **AUX Code** option, as applicable.

4



Select the **Look Up Code** option. **Note:** The three-digit device codes used by other DISH Network remote controls cannot be used.

5



Scroll the **Sort By:** (or **Aux Device:**) list to position the selected option within the blue highlight bar.

6



Highlight device's name in the **Brand:** list and select **Next**. **Note:** If the brand is not listed, see *Entering a Code* on page 11. The available device codes and the code ready to be tested displays for the selected brand.

7



Press the Mode button for the device you are setting up. Release.

# Programming Remote to Control Another Device, con't.

## Scanning the Remote Database, continued

8



Press POWER to turn off your device. If device turns off, continue with step 9.



If it does not turn off, press and release SAT to switch modes. Select **No** on screen and repeat steps 7 and 8 for the next code.

9



Using the remote, turn the device on and try some other remote buttons to make sure they work. When finished, press and release SAT to switch modes.

If the code worked for other buttons, select **Yes** and continue to step 11. If the code did not work, select **No** and repeat steps 6 through 9 for the next code for the brand of your device.

10



On the Home screen, confirm that the device's brand name is in parentheses after a four-digit code.

# Displaying Device Code and Remote Address

To identify the device code that your remote control is using or the address that your remote control is using, complete the following steps:

**1**

**MENU**



**Settings**



**Remote Control**

Press **MENU**, select **Settings** tile, and then select **Remote Control**. The Home screen for your current remote control displays.

**2**



Verify that the brand name of TV shown in parentheses after the code matches the brand name of your TV.

**3**

**DVD**

**AUX**

For DVD and AUX modes, the codes should be accompanied by the brand name of your equipment in parentheses. Remember that the type of device controlled in DVD mode may be either a DVD/BD player or a VCR, and AUX also may be an audio receiver, accessory, amplifier, or a second TV.

**4**



Record the stored device code in the Reference Table on the inside back cover of this Guide.

# Placing Remote in Limited Mode

Limited Mode locks out all the device mode operations except for the device's power, Mute, and Volume. This prevents you from accidentally tuning away from satellite programming.

**Note:** Limited Mode cannot be used with audio amplifiers.

1



Press MENU, select **Settings** tile, and then select **Remote Control**.

2



Select the **Limited Mode** option.

3



Use the arrow button to highlight **Enabled** and then select it. Highlight and select Save.



To take the remote out of Limited Mode, highlight **Disabled** instead of Enabled in step 3.

# Locating a Lost Remote

The next time you misplace the remote control or wonder where one is, try the Locate feature.

1



Activate your receiver's front panel controls and touch LOCATE REMOTE.

2



Find the remote that you are looking for in the list of remotes on the right-hand side of the screen.

3



Select the **Locate** option next to the remote you want to find.

4



If the missing remote control is linked to this receiver and within RF range, there should be a series of tones you can hear to help you find the location of the remote. Press any button to turn off the **Locate** tones after finding the remote.

If the remote control you want to find is not listed, it is not linked to the receiver or is out of RF range; therefore, **Locate** isn't an option.

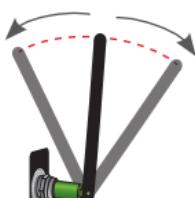
# Avoiding RF Interference

Because your remote control uses UHF-2G radio frequencies, you might experience interference from certain other devices transmitting nearby. The instructions in this section describe how to avoid such conflicts.

## Adjusting the Antenna

Your receiver links to and communicates with its remote control(s) through a special antenna connected to the Remote Antenna input on the receiver's back panel.

**Note:** This special remote antenna cannot be used with any other DISH Network satellite receivers or their remotes. Conversely, remote antennas used with other DISH Network satellite receivers and remotes cannot be used with your XiP receiver or remote controls.

- 1**  Ensure the UHF-2G remote antenna is connected to the correct input on the receiver's back panel and is not touching anything. Tighten only by hand.
- 2**  Vary the tilt angle of the receiver's remote antenna, locating the antenna's tip away from any other electronic equipment or metal surfaces, even if separated by wooden shelving.
- 3**  Move the receiver to a different location. Place the receiver on as high a surface as possible, above all other equipment in your entertainment center.
- 4** Use the optionally available special cable to connect the remote antenna to the receiver and place it away from other equipment.
- 5** Move any nearby antenna or radio equipment away from the UHF-2G remote antenna. Do not place an over-the-air antenna, WiFi, Bluetooth, or Zigbee devices on or near the remote antenna.

# Control Amplifier Volume

When the remote control is set up to operate your TV, the MUTE and VOLUME buttons adjust your TV volume when in SAT mode. To use the remote to adjust the volume of a remote-controllable audio receiver or amplifier instead of adjusting the TV's volume setting, use the steps on this page.

1



Press MENU, select **Settings** tile, and then select **Remote Control**.

2



Select **Volume**.

3



Under **Control Volume**

**For:** use the down arrow key to highlight the **AUX** option.

4



Highlight and select the on-screen option to **Save** this setting.

*Make sure the remote controls the amplifier's volume in other modes:*

5



Press **SAT**.

6



Press the plus (+) and minus (-) sides of the **VOLUME** button.

7



Your tuner/amplifier's volume changes, and the **AUX** mode button lights.

# Control TV Volume

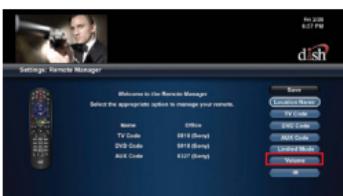
Use this procedure to change from having the remote adjust the volume of an audio receiver or amplifier to having the remote adjust the TV's volume. When the remote control is set up to operate your TV, the MUTE and VOLUME buttons adjust your TV volume when in SAT mode.

1



Press MENU, select **Settings** tile, and then select **Remote Control**.

2



Select **Volume**.

3



Under **Control Volume for:** use the up arrow key to highlight the TV option.

4



Highlight and select the on-screen option to Save this setting.

*Make sure the remote controls the TV's volume in other modes:*

5



Press SAT.

6



Press the plus (+) and minus (-) sides of the VOLUME button.

7



Your TV's volume changes, and the TV mode button lights.

# Learning From Another Device's Remote

Use this procedure if you are unable to find a code that allows your DISH Network remote to control your device or if some of the commands are not functioning as you expect after programming your DISH Network remote to control your device (in TV, DVD, or AUX modes). Use this procedure to have your DISH Network remote learn the commands of the other device's remote control.

The remote control can learn commands in one of two ways:

- You can follow the instructions for using device codes to program a specific mode, and then learn commands that add new or overwrite existing functions of the remote control's buttons in this mode. For this type of learning, any button without a learned command keeps the previous command (if any) for that device code. To program a specific mode, use the instructions for *Entering a Code* on page 11 or *Scanning the Remote Database* on page 13.

or

- Each button on this remote learns a command from the device's original remote control. For this type of learning, any button without a learned command keeps the previous command (if any) for that device code.

Learning can occur only in TV, DVD, or AUX modes. The Mode buttons (SAT , TV , DVD , and AUX ) cannot learn a command. For each Mode button, the POWER button  can be learned to turn the devices associated with that Mode on and off.

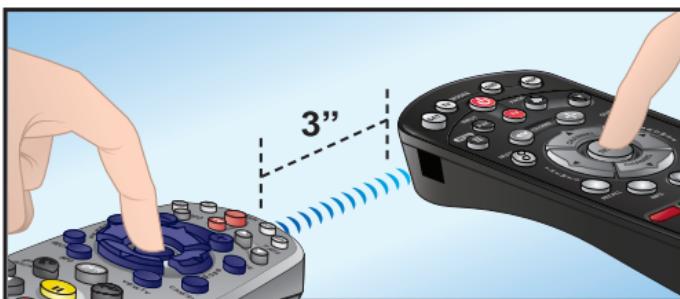
**Note:** The TV Power button  turns the TV on and off in all Modes. It cannot be learned.

**Note:** The remote times out if a button isn't pressed within 20 seconds. If the remote times out, then the learning process needs to start over again.

# Learning from Another Device's Remote, continued

To have the DISH Network remote control learn specific commands for another device, complete the following steps.

- 1 Ensure the DISH Network remote control is working with the receiver (see page 4).
- 2 Place both the DISH Network remote and the original device's remote control on a flat, stable surface. Point the front of the original device's remote to face the small square (IR window) on the front, left-hand side of the DISH Network remote, as shown below. The remotes should be no more than 3" apart.



- 3 On the DISH Network remote, **press and hold** the Mode button you want to use for the device until all the Mode buttons light up (approximately three seconds), and then release it. The selected Mode button blinks continuously.
- 4 To start learning commands for this mode, select one of the following choices:
  - If you've found a code for the device and programmed it into the remote, **press and release** RECALL (the Mode light goes off when RECALL is pressed and comes on when released), then **hold** the RECORD button until the Mode button is lit again (about three seconds). The Mode button remains lit while learning.
  - If the device code has not been programmed for that device or if you are unable to find a code, **press and hold** the RECORD button until the Mode button is lit (about three seconds). The button remains lit while learning.

# Learning from Another Device's Remote, continued

- 5** On the DISH Network remote, ***press and release*** the button you want the DISH Network remote to learn from the original device's remote. The Mode light goes off and comes back on.
- 6** On the original device's remote control, ***press and hold*** the button you want learned until the Mode light goes out and comes back on. You may need to press and hold the button on the original remote several times before the DISH Network remote learns the command.
  - If the DISH Network remote learns the command, the Mode light blinks off and then back on.
  - If the Mode light blinks three times or remains lit, the DISH Network remote did not learn the command.



- 7** After a button has learned a command successfully, repeat step 5 and step 6 until all commands you want have been learned.
- 8** ***Press and release*** one of the Mode buttons on the DISH Network remote to end the learning sequence. This saves all the commands for that mode and exits learning to return to normal remote control operation.

To cancel learning, do not press any buttons on either remote control for at least 20 seconds. The DISH Network remote control times out and returns to normal operation.

**Note:** If the remote control batteries are too low for learning, all the Mode buttons blink quickly eight times. Learning ends without saving learned commands, and the remote returns to normal operation. Change the batteries and begin learning again.

**Note:** No learned commands are saved if the DISH Network remote control times out before completion.

# Troubleshooting

Use this information if you have a problem using the remote. To solve a particular problem, do the following:

- Find the information that relates to the problem you are experiencing. Try the suggested solution for that problem.
- Make sure your remote control has fresh batteries. If you see the Remote Battery Low warning on your TV screen, it is time to change the batteries. Follow the instructions on page 2.
- Make sure you have a direct line of sight between the remote and the receiver.
- Visit [www.dish.com](http://www.dish.com).

## **While performing a remote control procedure, the remote control stops working.**

**What to do:** Start over again. If you don't press a button for 20 seconds in a programming sequence, the remote shuts off its programming function.

## **When you press a button on the remote control, the equipment doesn't do what you expect.**

**What to do:** Press the correct mode button to set the remote to the mode for the device you want to control: SAT for your receiver, TV for your TV, DVD for your disc player/VCR, or BD, or AUX for your auxiliary equipment. Point the remote control directly at the TV, with no objects blocking the signal path. The remote control uses IR signals to control the devices. IR signals travel less than 40 feet, and cannot go through walls or other solid objects.

If the batteries are missing or dead, replace them with new AAA-size batteries. If the remote has new batteries, check whether you put them in correctly. If you didn't, take them out and put them in the right way.

Set up the remote to control all the devices you want to use with the remote. See *Programming Remote to Control Another Device* on page 11.

# Troubleshooting, continued

## When you try to enter TV programming mode, all the mode LEDs flash.

**What to do:** Replace the batteries (see page 2).

## Your remote control does not work well.

**What to do:** Move your receiver to different locations. For best results, place the receiver as high as possible, above all other equipment in your entertainment center. There may be IR interference from objects near the receiver.

## Your remote control seems to have stopped working.

**What to do:** Press one or more buttons on the remote to wake the remote control. The remote control may have gone to sleep to reduce battery drain. If your remote is still unresponsive, take out the batteries and press any button for three seconds, then reinsert the batteries.

## Your picture is snowy (or black or blue).

**What to do:** Make sure your TV is tuned to the correct channel. You may have accidentally changed the channel on your TV. Check the Reference Table to see what channel your TV is tuned to.

## When you press the remote control MUTE or VOLUME button, nothing happens.

**What to do:** Program the remote to control your TV. See *Programming Remote to Control Another Device* on page 11. If you are trying to control TV volume, but the remote is set up to control a tuner or amplifier in AUX mode, then see *Control TV Volume* on page 20.

## The receiver does things even though you haven't pressed any remote control buttons.

**What to do:** Check the **System Info** screen to view a list of remotes linked to your receiver. Unlink the unwanted remote controls from this screen. See *Avoiding RF Interference* on page 18 for more information.

# Troubleshooting, continued

## **Your remote control isn't working.**

**What to do:** Make sure the remote control is in the correct mode (SAT, TV, DVD, or AUX).

Make sure you are using the correct remote control (TV1 or TV2) for your locations (applicable to multi-room receivers only).

Change the batteries as described on page 2.

## **Your UHF Pro remote control does not work well from far away.**

**What to do:** Make sure the UHF antenna is connected to the receiver and not touching anything else.

Vary the angle of the receiver's UHF antenna.

Locate the UHF antenna tip away from other electronics equipment or metal surfaces, even if separated by wooden shelving.

Move the receiver to different locations. For best results, place the receiver as high as possible, above all other equipment in your entertainment center.

Place the UHF antenna outside the entertainment center by using a coaxial cable to connect it to the receiver.

Move any nearby off-air antenna away from the UHF remote antenna. Do not place an off-air antenna on your receiver.

## **Your PIP (Picture-In-Picture) button isn't working.**

**What to do:** If your receiver isn't in Solo PIP (Single User), press the MODE control on the front panel (if available) to switch to Solo PIP mode (the amber light indicates the mode), press SAT on the remote control and then try the INPUT/Swap PIP button again.

Verify your receiver has the PIP feature. If your receiver is not PIP capable, contact DISH Network about upgrading to a receiver with the PIP feature.

# Limited Warranty



This Limited Warranty is a legal document. Keep it in a safe place. Remember to keep your Sales Receipt for warranty service. We will consider any items you return without a copy of the Proof of Purchase to be out of warranty.

This warranty extends only to the original user ("you," "your") of the DISH Network remote control and is limited to the purchase price of the remote control. EchoStar Technologies L.L.C., formerly known as EchoStar Technologies Corporation, and its affiliated companies ("we," "our," "us") warrant this remote control against defects in materials or workmanship as follows.

For one year from the original date of purchase, if we find the remote control is defective subject to the limits of this warranty, we will replace the remote at no charge for parts or labor. We warrant any such work done against defects in materials or workmanship for the remaining part of the original warranty period.

This warranty does not cover installation of the DISH Network System; consumer instruction; physical set up or adjustment of any consumer electronic equipment; remote control batteries; signal reception problems; loss of use of the equipment; unused programming charges due to equipment malfunction; 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 our factory service; negligence; commercial or institutional use; improper or neglected maintenance; equipment sold AS IS or WITH ALL FAULTS; equipment removal or reinstallation; shipping damage if the equipment was not packed and shipped in the manner we prescribe; nor equipment purchased, serviced, or operated outside the contiguous United States of America.

REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. WE SHALL NOT BE HELD LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESSED OR IMPLIED WARRANTY ON THIS DEVICE, NOR FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE RESULTING FROM THE USE OF, OR INABILITY TO USE, THIS DEVICE. UNDER NO CIRCUMSTANCES SHALL OUR LIABILITY, IF ANY, EXCEED THE PURCHASE PRICE PAID FOR THIS DEVICE. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS DEVICE IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. WE RESERVE THE RIGHT TO REFUSE TO HONOR THIS WARRANTY IF WE DETERMINE ANY OF THE ABOVE EXCEPTIONS TO HAVE CAUSED THIS DEVICE NOT TO HAVE PERFORMED PROPERLY. THIS WARRANTY SHALL BE VOID IF ANY FACTORY-APPLIED IDENTIFICATION MARK, INCLUDING BUT NOT LIMITED TO SERIAL OR CONDITIONAL ACCESS NUMBERS, HAS BEEN ALTERED OR REMOVED. THIS WARRANTY SHALL ALSO BE VOID IF THE DEVICE HAS BEEN OPENED BY AN UNAUTHORIZED PERSON (with the exception of opening the battery cover).

This warranty gives you specific legal rights which may vary from state to state. Some states do not allow the exclusion or limitations of incidental or consequential damages, or allow limitations on the duration of an implied warranty, so those limitations may not apply to you.

# Accessory Warranty

An accessory is any DISH Network branded equipment, displaying the DISH Network logo, excluding the receiver, Smart Card, cables and hookups, and non-mechanical components. A one-year warranty becomes effective upon the activation of the DISH system or date of purchase, if bought separately. A proof of purchase is required to verify the purchase date. If an accessory has an expired warranty, no exchange will be issued. You may purchase replacement accessories from DISH Network or your local retailer.

## If You Need Help

1. Review this *User Guide*.
2. See *Troubleshooting* on page 24.
3. Visit [www.dish.com/chat](http://www.dish.com/chat) for 24/7 support.
4. Call the Customer Service Center at  
**1-800-333-DISH (3474)**.

# Regulatory Factors

EchoStar Technologies Corporation, 94 Inverness Terrace East, Englewood, CO., (303) 706-4000, declares that:

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

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

Changes or modifications to this device may void your authority to operate this equipment.

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 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 following 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.

# Reference Table

Write down your remote address, channel numbers/inputs, TV, VCR, DVD player, and stereo equipment codes as you program them for future reference.



Remote Address

<input type="text"/>	<input type="text"/>
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Channel or Input for Cable Programming

<input type="text"/>
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If you enter a “1” as the last number of your code, your remote is in Limited Mode (see page 16 for more details).



TV Code

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/> (Optional)
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DVD/VCR/BD Player Code

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/> (Optional)
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Auxiliary Equipment Code

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/> (Optional)
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To read out your remote codes, see page 15 for instructions.

For all your customer needs,  
go to [www.dish.com/chat](http://www.dish.com/chat) or call  
the Customer Service center at  
**1-800-333-DISH (3474)**



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