

REMOTE CONTROL OVERVIEW

Use this full-function remote control to operate the DISH Network ViP® 922 SlingLoaded™ DVR receiver. Also, you can program this remote control to operate most popular brands of audio/video equipment like a TV, a DVD/BD player (or VCR), or an audio receiver/amplifier. See *Setting Up the Remote to Work With Your Equipment* on page 3.

Note: This remote control may support features not used by your receiver. Also, new features may be added by future software updates.

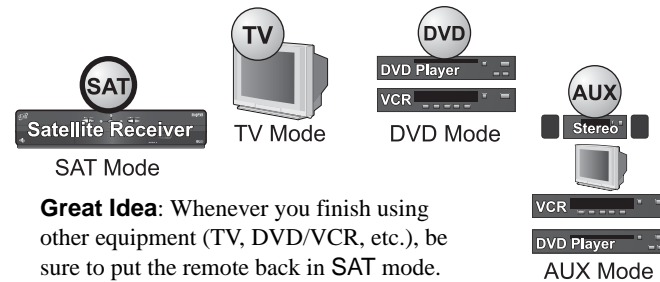
USING THIS GUIDE

This guide makes it easy to set up and use your remote control. By now you've noticed that the cover contains information on quick setup and remote control operation.

The rest of the guide contains in-depth information to help you get the most from your remote control, including controlling other equipment like TVs, audio devices, and DVD/BD players or VCRs.

REMOTE CONTROL MODES

Use the remote control's mode buttons to set the remote to the correct mode for the equipment. Be sure to program the remote control to operate the other equipment as described starting on page 2.



To change the mode, press and release the button for the equipment you want to control. The mode button lights up (green for SAT mode, red for TV or AUX mode) for about three seconds to show you've set the remote to that device mode.

If you program the remote control to operate other equipment, refer to page C-6 and the following for remote-control operation instructions:

- **POWER, INPUT, MUTE, and VOLUME** remote buttons are used to control your TV when it is programmed in TV mode.
- The same buttons your DVR uses when in SAT mode are used to control a DVD/BD player (or VCR) when this equipment is programmed in DVD mode (or alternatively, in AUX mode).
- **SELECT, MUTE, VOLUME, and POWER** remote buttons may be used to control your stereo equipment (for example, when an audio receiver or amplifier is programmed in AUX mode).

HOW THE REMOTE COMMUNICATES

All remote controls used with ViP922 receivers use radio frequency (RF) signals to control the receiver and IR signals to control any other equipment you have programmed.

- Make sure that the RF remote antenna for the ViP922 is attached correctly to the receiver's back panel REMOTE ANTENNA input so it can receive the RF remote signals.
- RF signals travel relatively long distances and can go through walls and other solid objects. For example, the TV2 remote can control the receiver from any area of the house. Link only the remote(s) you are using with your ViP922 receiver (see page 10).
- IR signals, used in TV, DVD, and AUX device modes, travel up to 40 feet in a straight line of sight, and cannot go through walls or other solid objects. Point the remote directly at the equipment you want to control with no objects blocking the signal path.

SETTING UP FOR OTHER EQUIPMENT

The following section contains detailed instructions on how to set up this remote control to operate a TV and other audio/video equipment you may have (such as a DVD/BD player or VCR, audio receiver or amplifier). You can program the remote control by completing the tasks described in *Setting Up the Remote to Work With Your Equipment* on page 3.

COMBINATION EQUIPMENT (FOR EXAMPLE, TV/DVD)

When setting up the remote control to operate combination equipment, such as a TV with built-in DVD or VCR, program the remote control in one mode, and then repeat the procedure in the other device mode. For example, to program the remote control to operate a TV/DVD player

(or TV/VCR), follow the instructions to program the remote to operate the TV using its code, and then repeat those instructions for the DVD/BD player or VCR in AUX mode using its code. Press the TV mode button to use the combination device's TV functions, or the AUX mode button to use DVD/BD (or VCR) functions.

SETTING UP THE REMOTE TO WORK WITH YOUR EQUIPMENT

You can set up the remote control to operate other equipment using the following steps and the modes as shown on page 1.

Instructions	Additional Information
1 Turn your equipment on.	Use your equipment's front panel buttons or its own original remote control.
2 Press POWER on your ViP922 DVR front panel or linked remote and access Remote Control settings.	Press MENU and select the Settings tile. Then from the Settings screen, select Remote Control .
3 Select the TV Code , DVD Code , or AUX Code option, as applicable. You can also change which device controls volume and mute functions. <i>Switching Between TV and Amplifier Volume Control</i> on page 8	Select TV Code to program the remote to control your TV when in TV mode. Select DVD Code to program the remote to control a disc player, or select AUX Code to program the remote to control another audio device when in AUX mode.
4 If you know the brand name of your device, but not its code, then select the Look Up Code option and continue with step 5. If you know the four-digit code for your device, select the Enter Code option and follow the steps for <i>Entering Equipment Codes</i> on page 5.	Your ViP922 DVR receiver's software maintains a database of device codes for controlling many types and brands of equipment. Updates to the software may add more device codes to this database. Note that the three-digit device codes used by other DISH Network remote controls cannot be used.

Instructions	Additional Information
<p>5 Scroll the Sort By: (or Aux Device:) list to position the option you wish to select within the blue highlight bar. Then highlight your device's name in the Brand: list and select Next.</p>	<p>If the brand is not listed, see <i>Entering Equipment Codes</i> on page 5. If there is no equipment code for your device right now, you can check to see if one has been added after your receiver's next scheduled software update.</p>
<p>6 The next screen displays the number of device codes available for the selected brand, and which code is ready for you to test.</p>	<p>There may only be two or three device codes for your specific equipment, or there may be dozens of codes available for certain brands.</p>
<p>7 Press and release the mode button for the device you are setting up (TV, DVD, or AUX).</p>	<p>If you are setting up a TV, you can remain in SAT mode and press the TV POWER button in step 8.</p>
<p>8 Press POWER to turn off your equipment. If your equipment turns off, continue with step 9. If it does not turn off, press and release the SAT button to switch modes. Then select No on screen and repeat steps 7 and 8 for the next code.</p>	<p>If the code you selected works, your equipment should turn off. If the code you selected does not work, test each code until one turns off your equipment. If you do not want to continue testing codes but know your device's model, you can select Enter Model and use the on-screen alphanumeric keyboard to search the database for all or part of the model name/number.</p>
<p>9 While still in the same device mode (TV, DVD, or AUX), turn the equipment back on and try some other buttons to make sure they work. When you are done, press and release the SAT button to switch modes.</p>	<p>For example, sometimes the remote's POWER button works when other buttons do not. Also, note that more than one code may work to turn your equipment on or off. Choose the code that best allows you to control your equipment.</p>

Instructions	Additional Information
<p>10 If the code worked for other buttons, select Yes and continue with step 11. If the code did not work, select No and repeat steps 6 through 9 for the next code for your brand.</p>	<p>Choose the code that provides the remote with support for the most device functions. If you wish to verify the support of volume and mute functions, go to step 13.</p>
<p>11 On the Home screen, confirm that the device's brand name you found in step 5 is in parentheses after a four-digit code.</p>	<p>You can program the remote to control your TV in TV mode and other devices in DVD and AUX modes. Repeat these instructions for each mode.</p>
<p>12 <i>OPTIONAL—For setting up a TV2 remote:</i> Select Auto Tune from the Remote Control settings screen to manage this feature. <i>NOTE: This is not an active feature.</i></p>	<p>Auto Tune is a feature to help keep a TV2 tuned to satellite programming. When enabled, pressing the SAT button on a linked TV2 remote tunes that TV automatically to a specified channel or input (source).</p>
<p>13 <i>If you wish to change the device used to control audio volume:</i> Select the Volume option from the Remote Control settings screen and follow the steps in <i>Switching Between TV and Amplifier Volume Control</i> on page 8.</p>	<p>If you have connected your ViP922 DVR receiver's audio output(s) to an audio amplifier or A/V receiver, then you may want to change which device controls volume and mute from the default of the TV to one of these AUX devices you have programmed in AUX mode.</p>

ENTERING EQUIPMENT CODES

Instructions	Additional Information
<p>1 Turn your equipment on.</p>	<p>Use your equipment's front panel buttons or its own original remote control.</p>

Instructions	Additional Information
2 Turn on your ViP922 DVR and access Remote Control settings using a linked remote.	Press MENU , select the Settings tile. Then from the Settings screen, select Remote Control .
3 Select the TV Code, DVD Code, or AUX Code option on the Remote Control settings screen.	Select TV Code in order to program the remote to control your TV when in TV mode. Select AUX Code to program the remote to control an auxiliary device, such as an audio amplifier or DVD player, when in AUX mode.
4 <i>For programming in AUX mode only:</i> Scroll the Aux Device: list to select and highlight your equipment type. Then select Next .	The remote's AUX mode can be programmed to control any one of several different types of equipment, including an audio amplifier or receiver, DVD/BD player, or even a second TV.
5 Select the Enter Code option.	Select this option if you know your device's four-digit code. If you do not know the code, use the Look Up option instead, as described in <i>Setting Up the Remote to Work With Your Equipment</i> on page 3.
6 Use the on-screen keypad to enter the four-digit code for your equipment. Then select Continue .	If the device code you entered is not in the equipment database, a message will be displayed. Check that you entered your device code correctly, and if not, try again.
7 Back on the Remote Control settings screen, confirm that the four-digit code you entered appears for the programmed device (TV, DVD, or AUX).	For most four-digit codes you entered manually, the device's brand name (in parentheses) is displayed as unknown. See <i>Setting Up for Other Equipment</i> on page 2.

Instructions	Additional Information
8 Press and release the mode button for the device you are setting up (TV, DVD, or AUX).	If you are setting up a TV, you can remain in SAT mode and press the TV POWER button in step 9.
9 Press the POWER button. If your equipment does not turn off, then press and release the SAT button to switch modes, and try entering the code again.	If the device code you entered works, then your equipment should turn off. Continue with step 10.
10 While still in the same mode (TV, DVD, or AUX), turn the equipment back on and try some other buttons to make sure they work.	Sometimes POWER works when other buttons don't, and more than one code may work to turn equipment on or off. Choose the best device code.
11 If necessary, repeat these instructions until you have entered the best code for controlling your device.	If you do not want to enter codes manually, use the Look Up option described in <i>Setting Up the Remote to Work With Your Equipment</i> on page 3. In addition to looking up equipment by brand name to find corresponding device codes, you can also enter a device's model name/number using an on-screen keyboard to search for it in the database.
12 If other remote buttons work to control your equipment, you have finished setting up this device mode.	You can program the remote to control your TV in TV mode, a disc player in DVD mode, and an audio amplifier or A/V receiver in AUX mode. Repeat these instructions, as needed for each mode you want to use.

SWITCHING BETWEEN TV AND AMPLIFIER VOLUME CONTROL

If a remote control used with the ViP922 DVR has been set up to operate a TV, then MUTE and VOLUME +/- buttons adjust the TV's volume. To use the remote to adjust the volume of your remote-controllable audio equipment instead of adjusting your TV's volume, use the steps in the left column of the following table. To switch back to controlling the TV's volume, use the steps in the right column.

Control Audio Amplifier Volume		Control TV Volume	
1	Press MENU, select the Settings tile, and then select Remote Control .	1	Press MENU, select the Settings tile, and then select Remote Control .
2	Select Volume .	2	Select Volume .
3	Under Control Volume For: use the down arrow key to highlight the AUX option.	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.	4	Highlight and select the on-screen option to Save this setting.
MAKE SURE THE REMOTE CONTROLS THE AMPLIFIER'S VOLUME IN OTHER MODES:		MAKE SURE THE REMOTE CONTROLS THE TV'S VOLUME IN OTHER MODES:	
5	Press the SAT mode button.	5	Press the SAT mode button.
6	Press the plus (+) and minus (-) sides of the VOLUME button.	6	Press the plus (+) and minus (-) sides of the VOLUME button.
7	Your amplifier's volume changes and the AUX mode button lights instead of the TV mode button.	7	Your TV's volume changes and the TV mode button lights instead of the AUX mode button.

VIEWING EQUIPMENT CODES

These instructions explain how to read out and verify the device code(s) for the equipment you have programmed the remote to control. You may write these code(s) in the spaces provided in the table on the last page, just in case you need to enter a device code manually.

Instructions		Additional Information
1	Press MENU, select the Settings tile, and then select Remote Control. The Home screen for your current remote control is displayed.	The Remote Control screen should show the settings assigned for Remote Name, TV Code, DVD Code, and AUX Code for your current remote.
2	Verify that the brand name of TV shown in parentheses after the code matches the brand name of your equipment.	If you want your remote to control two televisions of different brands, then program one in TV Mode and the other TV in AUX Mode.
3	For DVD and AUX modes, the codes should be accompanied by the brand name of your equipment in parentheses. Note that the type of device controlled in DVD mode may be either a DVD/BD player or VCR, and AUX also may be an audio receiver, accessory, amplifier, or a second TV.	Multiple remotes (up to eight) can be linked to each ViP922 DVR. In this case, each remote in DVD or AUX mode can be set to control a different type or brand of DVD or AUX device. For example, one remote's AUX mode button may be set to control an amplifier, while the another linked remote's AUX mode button controls a VCR.

AVOIDING RF INTERFERENCE

Since 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

The ViP922 DVR 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.

- 1** Make sure the UHF-2G remote antenna is connected to the correct input on the receiver's back panel and is not touching anything else. It should be tightened only by hand. **Note:** Remote antennas used with other DISH Network satellite receivers and remotes cannot be used with your ViP922 receiver or remote controls.
- 2** Try varying the tilt angle of the receiver's remote antenna. Locate the antenna's tip away from any other electronic equipment or metal surfaces, even if separated by wooden shelving.
- 3** Move the satellite receiver to a different location. For best results, place the receiver on as high a surface as possible, above all other equipment in your entertainment center.
- 4** Place the remote antenna away from other equipment by using the optionally available special cable to connect it to the receiver.
- 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.

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 black set of buttons that normally control your DVR functions. Note that scheduled updates to your receiver software may add to or modify these shortcuts.

REMOTE BUTTON	IN GUIDE DISPLAY	SCROLLS IN LISTS
SKIP BACK	Moves 3 Hours Back	By 1 Screen Upward
PLAY/PAUSE	Watch highlighted show	No
SKIP FWD	Moves 3 Hours Ahead	By 1 Screen Downward
FAST REVERSE	24 Hours Back	To beginning of list
FAST FWD	24 Hours Ahead	To end of list

COLORED BUTTONS

The following table lists some of these shortcuts for the colored set of buttons on your ViP922 DVR remote control. Note that scheduled updates to your receiver software may add to or modify these shortcuts.

REMOTE BUTTON	FROM LIVE TV	SCROLLS IN LISTS
RED	Jumps to menu bar	Jumps to menu bar
GREEN	Access Quick Clicks list	No
YELLOW	Access Settings screen	No
BLUE	Access Broadband Setup	No

LOCATING A LOST REMOTE

The next time you misplace a remote control or wonder where one is, you should try the new Locate feature, as follows:

- 1 Access the System Info screen on your ViP922 DVR receiver by activating your receiver's front panel controls and touching **SYSTEM INFO**, or pressing **MENU** twice on another linked remote control. The right-hand side of the System Info screen lists the remote controls that are linked to your receiver. Your current remote is indicated in this list by a green dot.
- 2 If the remote control you want to find is listed, select the **Locate** option next to it. Wait a few seconds, listening for the remote to emit a series of tones.
If the remote control you want to find is not listed, it is not linked to the receiver or is out of RF range. Using Locate isn't an option.
- 3 If the missing remote control is linked to this receiver and within RF range, then you should hear a series of tones you can use to help you find the location of the remote. When you have located the missing remote, press any button to turn off the Locate tones.

USING THE SYSTEM WIZARD

By pressing and holding down the 0 (zero) numeric key on your remote control, you can access the System Wizard. The wizard can help you backup and restore the settings for your ViP922 DVR system in both your remote control's memory, and on the receiver. This is helpful if you ever need to program a replacement remote or new ViP922 DVR. To use the wizard, follow the on-screen instructions to backup/restore.

To access the System Wizard from your ViP922 DVR front panel:

- 1 With your receiver turned on, touch the front panel to activate it, and then select **MENU**.
- 2 Use the arrow controls to highlight the **Settings** tile and then **SELECT** it.
- 3 Use the arrow controls to scroll down the list of Settings items, highlight **System Wizard**, and then **SELECT** it.



- 4 Follow the on-screen instructions to use the Backup or Restore options for your ViP922 DVR system and remote control settings.

