Quick Setup

1

Confirm Your Receiver Model

If your receiver looks like this...

DISH Player-DVR 942

If your receiver looks like this...

DISH Player-DVR 522 & DISH Player-DVR 625

If your receiver looks like one of these...

DISH 501 & DISH 508 DISH Player-DVR 510

If your receiver looks like one of these...

DISH 721

If your receiver looks like this...

DISH 811

Select the Right Key

Remote keys are included in this replacement remote kit.

Use the key that looks like this

Keys have two sides. Look on both sides to find right key for your remote.

Use the key that looks like this

Use the key that looks like this

Use the key that looks like this

Use the key that looks like this
Install Your Selected Key

Note: If you will be using the blue TV2 key that comes already installed in your remote, skip this step and proceed with the next step (Insert the Batteries).

1. Pull the remote battery cover off.
2. Separate the key from the remote by inserting your thumbnail or coin in the crease. Remove key by grasping at the bottom.
3. Insert face up the key you selected on the previous page.

Insert the Batteries

1. Insert 4 AAA batteries making sure to match the plus (+) ends with the plus markings on the battery case.
2. Replace the remote battery cover.
Making the Remote Work With Your Receiver

1. If you installed this key, go to page 10.

2. Make sure the UHF antenna is installed on the back of the receiver.

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

4. Confirm that you see the System Information screen.

5. Press RECORD on your remote. The remote address will probably change on the screen.

6. Confirm that your remote operates your receiver by pressing remote buttons. If your remote has a blue number 2 key, you may need to go to your remote TV2 location to confirm your remote operates your receiver. If not, go back to step 5.
Program the Remote to Control Your TV

1. Turn your TV on.

2. Press & hold the TV Mode button until all Mode buttons light up.

3. Press POWER.

4. Press the UP ARROW repeatedly until your TV turns off (about 1 press per second).

5. Press POUND.

6. Press the POWER button to turn the TV on and try other buttons to make sure the code works. If you want to try another code, start over from step 1.
Programming the Recover Button for TV2 Operation
For TV2 Remote Controls on 942, 625, & 522 Receivers

Programming your Recover button allows you to easily regain satellite programming if you accidentally change TV channels or inputs.

1. Press STAR.
2. Press POUND.
3. TV Press & hold the TV Mode button until all Mode buttons light up.
   Enter the channel number you tune your TV to when you watch satellite programming.
   Use the RECOVER button as described in If You Lose Your Picture on the next panel (C-6).
Placing Your Remote in Limited Mode

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

1. Press & hold the TV Mode button until all Mode buttons light up.

2. Press the PAGE UP button.

3. Press POUND.

To take the remote out of Limited Mode, use the PAGE DOWN button instead of the PAGE UP button in step 2.

If You Lose Your Picture (How to Use the Recover Button)

Use the Recover button to get back to watching satellite programming if you accidentally change channels or inputs on your TV.

1. Press and hold RECOVER until all mode buttons light up.

2. If you see the System Information screen, proceed to step 4. Otherwise, continue to step 3.

3. Press RECOVER again & wait until the mode lights stop flashing. If you see the System Information screen, go to step 4. If not, repeat this step until you do.

4. Press SELECT.
Remote Operation
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.

Volume & Mute Buttons
Control TV volume
Programming required (see pg.)

Receiver Power
& TV Power
Top button turns the receiver on/off,
bottom button turns the TV on/off
(see pg.)

Receiver Menu
Access features and settings in your satellite receiver

Page Buttons
Page up/down in menus

Program Guide
Display the on-screen guide

Arrows/Select
Buttons
Channel up/down, navigate through menus/guides and select a desired option

Browse
See what is on other channels while watching TV

View Satellite
Programming
Exit out of any menu/guide and go back to viewing live TV

DISH
Explore dish home Interactive TV features

Number Buttons
Enter a desired channel number, or navigate through menus

Search
Search for a program

Themes
Search for programs using Themes

Recall
Go back to last channel viewed

Info
Get info on programs

Digital Video
Recorder (DVR)
Buttons
Pause live TV and play or record programming

Recover
Get your TV back to showing satellite programming

Picture-in-Picture
(PIP) Buttons
Watch two separate programs at once

Format
Format the picture to the desired width to match the program you are viewing
Remote Operation

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. See C-4 for instructions.

Press this button for TV Mode.

TV Power
Top & bottom button TV on/off

TV/Video
Switch between TV inputs

TV Menu
Access menu features available on some TVs

Mute
Turn TV volume on or off

Recall
Go back to last TV channel viewed

Press the Table of Contents button to return to menu features available on some TVs

Picture-In-Picture (PIP) Buttons
Display PIP features on some TVs with PIP capabilities

Number Buttons
Enter a desired channel number on TV

Volume
Control TV volume

Up/Down Arrow Buttons
Channel up/down on TV

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

VCR Mode

To use the features described in this section, make sure you are in VCR mode by pressing the VCR Mode button. You can use this mode to operate your DVD player instead of a VCR. Remote programming is required. See page 2 for instructions.

VCR/DVD Power & TV Power
Top button turns VCR/DVD player on/off, bottom button turns the TV on/off

TV/Video
Switch VCR between its TV & VCR mode

Up/Down Arrow Buttons
Channel up/down on VCR

Pause
Pause a videotape or DVD

FWD
Forward a videotape or DVD

Play
Play a videotape or DVD

Record
Record on a videotape

Number Buttons
Enter a desired channel number on VCR

Remote Key may be different than shown.

To use the features described in this section, make sure you are in VCR mode by pressing the VCR Mode button. You can use this mode to operate your DVD player instead of a VCR. Remote programming is required. See page 2 for instructions.
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REMOTE CONTROL OVERVIEW

Use this full-function remote to control a variety of DISH Network receivers, such as Standard Definition, High Definition, and Digital Video Recorder receivers. Also, you can program the remote to control most of the popular brands of audio/video equipment like a TV, VCR, DVD player, or a second DISH Network satellite receiver. See Programming for Other Equipment on page 2.

Note: This remote control may have features not used by your receiver.

USING THE GUIDE

The guide makes it easy to set up and use your remote control. By now you’ve noticed that the cover pulls out and contains information on quick set up and remote operation. Start from the front cover to get your remote control working with your satellite receiver. The back cover shows you how to use your remote and contains more setup options.

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, VCRs, and DVD players.

REMOTE CONTROL MODES

Use the remote control’s mode buttons to set the remote to the right mode for the equipment. Be sure to program the remote to control other equipment as described on page 2.

Great Idea: Whenever you finish using other equipment (TV, VCR, DVD, etc.) be sure to put the remote back in SAT mode.

To change the mode, press the button for the equipment you want to control. The mode button lights for two seconds to show you’ve set the remote to that mode.
If you program the remote to control equipment in AUX mode, refer to the following for remote control operation instructions:

- TVs, page C-7.
- VCRs and DVD players, page C-8.
- DISH Network satellite receivers, page C-9.
- Stereo equipment use only these buttons: SELECT (change inputs), MUTE, VOLUME, and POWER.

**HOW THE REMOTE COMMUNICATES**

Depending on how the remote is set up, the remote control may use UHF radio signals, IR light signals, or both to control the receiver. However, only IR signals are used to control other equipment.

- IR signals travel only short distances (up to 40 feet), and cannot go through walls or other solid objects. You must point the remote control right at the equipment you want to control, with no objects to block the signal path.
- UHF signals travel long distances and can go through walls and other solid objects. Because these signals travel so far, the receiver may respond to signals from other nearby remote controls. To handle this problem, you may want to change the remote and receiver addresses (see page 8).
- If you're set up to use UHF, make sure that the UHF remote antenna is attached to the receiver’s back panel UHF Remote Antenna input so it can receive the UHF remote signals.

**PROGRAMMING FOR OTHER EQUIPMENT**

Page C-4 shows you how to quickly program the remote to control a TV. This section uses a different method to program the remote to control a TV or other equipment (such as a VCR, DVD player, tuner, amplifier, or a second TV). You can program the remote by either following the instructions in Programming Using Equipment Code Tables on page 3, or the Scanning for Equipment Codes procedure described on page 4.

**COMBINATION EQUIPMENT (FOR EXAMPLE, TV/VCR)**

When programming the remote to control combination equipment, such as a TV/VCR or a TV/DVD, program the remote control in one mode, and then repeat the procedure in the other mode. For example, to program the remote to control a TV/VCR using code 748, follow the instructions to program the remote to control the TV using code 748, and then repeat the instructions for the VCR using the same code. Put the remote in TV mode to use the TV, and VCR mode to use the VCR.
LIMITED MODE

You can program your remote control in Limited Mode to keep from accidentally changing the channel on your TV or VCR. When you use the remote to control your TV in Limited Mode, you will only be able to use the POWER, MUTE, and VOLUME buttons to control your TV. Also, when you use the remote to control your VCR in Limited Mode, you will only be able to use the POWER and VCR function buttons. The section Programming Using the Equipment Code Tables has a step that tells the remote control to go into Limited Mode. Also, a quick way to put the remote in Limited Mode is on page C-6.

Note: Limited Mode can not be used with audio amplifiers.

PROGRAMMING USING EQUIPMENT CODE TABLES

You can set up the remote to control other equipment using the equipment codes listed on page 12 and the modes as shown on page 2.

<table>
<thead>
<tr>
<th>Instructions</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Turn the equipment on.</td>
<td>Use the equipment’s front panel buttons or its remote control.</td>
</tr>
<tr>
<td>2 Find the brand name of the equipment in the tables starting on page 12.</td>
<td>If the brand isn’t listed, see Scanning for Equipment Codes on page 4.</td>
</tr>
<tr>
<td>3 Press and hold the mode button until all the other mode buttons light up, and then let go of the button. The mode button flashes.</td>
<td>For example, hold the TV mode button for a TV until all of the other mode buttons light. When you let go, TV will flash.</td>
</tr>
<tr>
<td>4 For AUX mode only. Press 0 for a second TV, or 1 for a second VCR, or 2 for a tuner, or amplifier.</td>
<td>This step is for programming the kind of equipment that should be programmed in AUX mode. If you’re not programming in AUX mode, skip to step 5.</td>
</tr>
<tr>
<td>5 Enter one of the three-digit equipment codes from the table using the number buttons.</td>
<td>The three-digit equipment code should be for the brand name of your equipment that you found in step 2.</td>
</tr>
</tbody>
</table>
### Instructions

<table>
<thead>
<tr>
<th>Instructions</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 If you want to program Limited Mode, press 1. If not, skip to step 7.</td>
<td>See Limited Mode on page 3 for more information.</td>
</tr>
<tr>
<td>7 Press POUND (#).</td>
<td>If you entered the code correctly, the mode button flashes three times.</td>
</tr>
<tr>
<td>8 Press POWER to turn off the equipment. If the equipment does not turn off, go to step 10.</td>
<td>If the code works, the equipment should turn off.</td>
</tr>
<tr>
<td>9 Turn the equipment back on and try some other buttons to make sure they work. If the code works for other buttons, stop here.</td>
<td>Sometimes POWER works when other buttons don’t.</td>
</tr>
<tr>
<td>10 If the code doesn’t work, redo steps 3 through 9 with another equipment code from the tables.</td>
<td>Try every code listed for your brand until one works for your equipment.</td>
</tr>
<tr>
<td>11 If you can’t find a code that works try, Scanning for Equipment Codes that follows.</td>
<td></td>
</tr>
</tbody>
</table>

### Scanning for Equipment Codes

<table>
<thead>
<tr>
<th>Instructions</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Turn the equipment on.</td>
<td>Use the equipment’s front panel buttons or its remote control.</td>
</tr>
<tr>
<td>2 Press and hold the mode button until all the other mode buttons light up, and then let go of the button. The mode button flashes.</td>
<td>For example, hold TV for a TV until all of the other mode buttons light. When you let go, TV will flash.</td>
</tr>
<tr>
<td>Instructions</td>
<td>Additional Information</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>----------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>3  For AUX mode only. Press 0 for a second TV, or 1 for a second VCR, or 2 for a tuner, or amplifier. Then press the STAR (*) button.</td>
<td>This step is for programming which kind of equipment that should be programmed in AUX mode. If you’re not programming in AUX mode, skip to step 4.</td>
</tr>
<tr>
<td>4  Press POWER.</td>
<td>This puts your remote in the scan mode.</td>
</tr>
</tbody>
</table>
| 5  Press the UP or DOWN ARROW repeatedly until the equipment turns off. | As you press the UP or DOWN ARROW, the remote tries each code in the memory to see if it can turn off your equipment. When the equipment turns off, you have found a code that might work.  
**Note:** The mode button for the equipment will flash rapidly eight times when you’ve scanned all the codes for that equipment. |
| 6  Press POUND (#).                                | The mode button flashes three times if you have entered the code correctly. This stores the code you found. |
| 7  Turn the equipment back on and try some other buttons to make sure they work. | Press POWER to turn the equipment back on. Try some other buttons to make sure they work. Sometimes POWER works when other buttons don’t. |
| 8  If necessary, repeat this procedure until you’ve tried all the codes. | You may need to repeat the scan to find the best code for your equipment. |
**SWITCHING BETWEEN TV AND AMPLIFIER VOLUME CONTROL**

When you set up the remote to control a TV, the MUTE and VOLUME buttons control the TV volume, even if your remote control is in SAT mode. However, if you want to use the AUX mode to control a tuner or amplifier that has a volume setting, you can set up the remote to control the equipment’s volume instead of the TV volume while your remote control is in SAT mode. Follow the instructions in the left column. To change back to controlling the TV volume in SAT mode, follow the instructions in the right column.

<table>
<thead>
<tr>
<th>Control Amplifier Volume</th>
<th>Control TV Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Press and hold the AUX mode button for three seconds, and then let go of it. The AUX mode button will blink.</td>
<td>1 Press and hold the TV mode button for three seconds, and then let go of it. The TV mode button will blink.</td>
</tr>
<tr>
<td>2 Press the POUND (#) button.</td>
<td>2 Press the POUND (#) button.</td>
</tr>
<tr>
<td>3 Press the plus (+) side of the VOLUME button.</td>
<td>3 Press the plus (+) side of the VOLUME button.</td>
</tr>
<tr>
<td>4 Press the 0 number button.</td>
<td>4 Press the 0 number button.</td>
</tr>
<tr>
<td>5 Press the POUND (#) button. The AUX mode button flashes three times.</td>
<td>5 Press the POUND (#) button. The TV mode button flashes three times.</td>
</tr>
<tr>
<td>6 Press the SAT mode button.</td>
<td>6 Press the SAT mode button.</td>
</tr>
<tr>
<td>7 Press the plus (+) and minus (-) sides of the VOLUME button.</td>
<td>7 Press the plus (+) and minus (-) sides of the VOLUME button.</td>
</tr>
<tr>
<td>8 The equipment’s volume changes and the AUX mode button lights instead of the TV mode button.</td>
<td>8 The TV’s volume changes and the TV mode button lights instead of the AUX mode button.</td>
</tr>
</tbody>
</table>
PROGRAMMING THE REMOTE TO CONTROL A SECOND RECEIVER IN AUX MODE

If you have another DISH Network satellite receiver installed, you can use this remote in AUX mode to control it along with your new receiver. When you program the remote to control the other receiver, the remote will send out IR and UHF (not UHF Pro) signals to the receiver. You can program the remote to control any other DISH Network satellite receiver, except for following:

- TV2 on DISH 322, DISH Player-DVR models 522, 625, and 942
- DishPlayer 7100/7200

1. Turn on the other receiver and display the System Info screen (see the receiver user’s guide for information on how to display the screen).
   Write down the address shown: 

2. Press and hold the AUX button until all the other mode buttons light up, and then let go of the button. The AUX button flashes.
3. Press the 3 button.
4. Use the NUMBER PAD to enter the address you wrote in step 1.
5. Press POUND (#). The AUX button blinks three times.
6. Press RECORD to make sure the address and the remote matches the address on the receiver.

READING OUT THE REMOTE CONTROL CODES

These instructions explain how to check the remote control code you put in the remote control when you set it up. Be sure to write them in the spaces provided below.

<table>
<thead>
<tr>
<th>Instructions</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Press and hold the mode button for the equipment you want the remote to control. When all the other mode buttons light up, let go of the mode button - that mode button should now be flashing.</td>
<td>For example, hold the TV mode button for a TV until all of the other mode buttons light. When you let go, the TV mode light will flash.</td>
</tr>
</tbody>
</table>
AVOIDING REMOTE CONFLICTS

Because your remote control uses UHF, you may experience interference from other nearby remotes. The instructions in this section describe how to avoid remote conflicts.

CHANGING THE REMOTE AND RECEIVER ADDRESS

One quick way to avoid remote conflicts is by changing the address on your remote and receiver. If you notice that your receiver is changing channels or opening menus but you’re not using the remote control, a quick change of address should fix the problem. Use these instructions to change the remote control and receiver address.

1. Press SYSTEM INFO on the receiver’s front panel. The System Information screen displays and shows the Remote Address. Write down the address shown: __________________________

2. Press and hold SAT on your remote control for about three seconds, until all of the mode buttons light up, and then let go of SAT.

Instructions | Additional Information
--- | ---
2 Press the POUND (#) button twice. The mode button flashes the number for each digit of the equipment code, with a pause between the groups of flashes. A quick flash is for zero. For example, if the code is 570, the mode button flashes five times, pauses, flashes seven times, pauses, and flashes once quickly.

For AUX mode, the first group of flashes tells you what the AUX mode controls. A quick flash (zero) before the three-digit code is for a TV; one regular flash is for a VCR or DVD player; and two flashes is for a tuner or amplifier.

For example, if the TV code is 570, the AUX mode button flashes once quickly, pauses, flashes five times, pauses, flashes seven times, pauses, and flashes once quickly.
3. Use the NUMBER PAD to enter any number between 1 and 16, but not the one you wrote in step 1.

4. Press POUND (#). If you entered the address correctly, SAT will flash three times.

Write down the number you entered in Your Remote Control Codes on page 24.

5. Press RECORD. Make sure the Remote Address you see on the System Information screen is the same as the one you entered in step 3. If it isn't, the remote cannot control the receiver.

6. Press SELECT to close the System Information screen.

**CHANGING THE UHF FREQUENCY USING THE A/B SWITCH (DISH PLAYER-DVR 942 ONLY)**

All receiver models except the DISH Player-DVR 942 must use switch position A or else your remote control will not work.

Your remote has a switch to change the UHF frequency that your remote control uses. It comes preset to the A position but you can change the setting to the B position to lessen the likelihood of any other UHF remote interfering with yours. This feature is available only with the DISH Player-DVR 942.

1. Remove the battery cover from the remote control.
2. Use a small screw driver or a paper clip to carefully change the setting.
3. Put the battery cover back on the remote control.
4. Use the SYS INFO button on the front panel to open the System Information screen.
5. Press RECORD on the remote control.
6. Make sure the System Information screen shows the correct band information:
   - Switch position A - IR/UHF Pro Band A
   - Switch Position B - IR/UHF Pro Band B
SETTING UP A TV1 UHF PRO REMOTE FOR THE DISH PLAYER-DVR 522 AND 625 ONLY

Use these special instructions only if you are going to use the green 1 UHF Pro key to control the TV1 side of your DISH Player-DVR 522 or 625.

If you have a DISH Player-DVR 522 or 625:

and want to use UHF Pro with TV1, use this key:

When you are finished setting up the remote control, you’ll be able to operate the TV1 side of your DISH Player-DVR 522 or 625 from long distances.

1. Make sure the key is installed as described on pages C-1 and C-2.

2. Make sure the UHF Antenna is attached to the back of the receiver.

3. Using the receiver’s front panel buttons, press MENU. Select the following onscreen items in this sequence:
   a. System Setup.
   b. Installation.
   c. TV1 UHF Pro Setup.

4. Select Enable from the TV1 UHF Pro Setup screen.

5. Select System Info to open the System Information screen.
6. Move the highlight to the address for the **Remote Address** as shown below. This is important - if you do not move the highlight, your remote will change the receiver's **Remote Address** and cause your Remote Control 1 to control the TV2 side of your receiver.

![Remote Address Screen]

**Note:** Highlight the **Remote Address** (the shaded area in the graphic above).

7. Press the **RECORD** button on the green TV1 remote control you are setting up. If you get a warning that tells you to pick another address, continue on to the next step. If no warning pops up, go to the step 12 of this procedure.

8. On the remote control, press and hold the **SAT** mode button about three seconds, until all the mode buttons light up, and then let go of the **SAT** button. The **SAT** mode button will blink.

9. Use the number buttons to enter any number from 1 to 16, except for the address shown for **2**.

Write down the number you entered: ________

10. Press the **POUND (#)** button. If you entered the address correctly, the **SAT** mode button will flash three times.

11. Make sure the **System Information** screen shows **UHF** and that this address matches the number you entered in step 9.

12. Select **Done** to close the **System Information** screen. If nothing happens, press **RECORD**, and then select **Done**.
EQUIPMENT CODES

These tables contain the manufacturer codes for programming the remote to control your TV, a VCR, DVD player, or audio amplifier. Every attempt has been made to include all codes. If your equipment brand is not listed or if the codes do not work, the remote may not control your equipment. In some cases codes may operate some but not all buttons shown in this guide.

TV CODES

Programming in AUX mode: In most cases use these codes to program in TV mode; however, if programming in AUX mode, press 0 before entering the TV code.

- **A Mark** 670
- **Action** 652
- **Admiral** 521, 605, 609, 669, 675
- **Aiko** 727
- **Aiwa** 751
- **Akai** 570, 573, 659, 660
- **A-Mark** 620
- **Amtron** 657
- **Anam National** 509, 510, 521, 522, 605, 627, 657, 668, 720
- **AOC** 505, 506, 510, 518, 520, 526, 590, 627, 652, 654, 655, 657, 664, 665, 667, 670, 701
- **Apex** 743, 747, 757
- **Archer** 620
- **Audiovox** 620, 657, 662, 672
- **Bell & Howell** 590, 669, 675
- **Broksone** 562, 659, 661, 748, 752
- **Capehart** 519, 627
- **Classic** 659
- **Colorymy** 573, 627, 652, 660, 667, 671, 674, 679
- **Contec/Cony** 541, 655, 657, 661, 662, 726
- **Craig** 536, 541, 657, 661, 662, 666, 667, 694
- **Crown** 526, 536, 657, 666, 670
- **Currys Mathes** 506, 516, 526, 537, 590, 641, 645, 650, 652, 654, 658, 659, 660, 664, 665, 667, 668, 670, 674, 680, 703, 708
- **Daewoo** 505, 524, 526, 529, 530, 531, 573, 652, 653, 654, 658, 669, 673, 674, 684, 689, 697, 719, 727
- **Daytron** 526, 627, 652, 654, 658, 665, 670, 672
- **Dell** 772, 773, 774
- **Dimensia** 645, 650
- **DISH Network** 742
- **Dixi** 560, 620
- **Dumont** 501, 627, 652
- **Echostar** 722
- **Electrohome** 526, 573, 651, 652, 654, 656, 659, 660, 665, 670, 709, 728
- **Envision** 506, 573, 652, 654, 660, 664, 694
- **Fisher** 542, 590, 683
- **Fujitsu** 534, 682, 694
- **Funai** 534, 541, 573, 566, 662, 677, 682, 694
- **Gradiante** 660, 671
- **Granada** 627, 670, 671
- **Grundig** 670, 673
- **Hallmark** 627, 652, 654, 659
- **Harmon/Kardon** 561, 659
- **Hinari** 534
- **Hisense** 759
- **Hitachi** 523, 526, 548, 549, 553, 555, 560, 595, 626, 636, 638, 643, 648, 652, 654, 655, 656, 689, 697, 672, 673, 702, 718, 726
- **Infinity** 566, 671
- **JBL** 566, 671
- **Kenwood** 556, 573, 652, 654, 660
- **JVC** 508, 557, 569, 642, 645, 655, 667, 673, 676, 725, 736, 737
- **Kawasho** 548, 561, 573, 652, 654, 664
- **Kenwood** 506, 573, 652, 654, 656, 659, 660, 664, 679
### TV Codes (Continued)

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**TV Codes (Continued)**

Technics 508 673 676
Techwood 523 573 652 660 676
Teknika 504 505 512 516 523 524
525 526 533 536 541 573 644 652
653 654 655 657 658 661 662 664
665 666 670 672 675 680 682 685
726 727
Telefunken
Toshiba 516 590 617 631 635 667
680 683 688 750 771
Totevision 526 658 668
Ultra 672
Universal 543 690
Vector Research 506
Video Concepts 570 661

**VCR Codes**

Programming in AUX mode: In most cases use these codes to program in VCR mode; however, if programming in AUX mode, press 1 before entering the VCR code.

Aiwa 588 622 623
Akai 513 514 515 516 517 518 520 568 682
Alba 546
Amstrad 588
ASA 556
Audiovox 676
Bell & Howell 581
Broksonic 559 748
Bush 589
Calix 676
Canon 554 678 679
Capehart 546
CCE 681
Citizen 534 591 592 594 675 676 677
ColorTyme 592
Craig 591 608 675 676 681 685
CurtisMathes 554 592 594 605 607 675 677 678 679 683
Daewoo 506 654 546 654 559 588
Daytron 546
Denon 686
Dimensions 607
Dumont 549
Electrohome 512 676
Emerson 505 506 508 509 511 512 534 559 568 590 618 676 679
Finlandia 549
Finlux 549 556 588
Fisher 548 549 581 584 588 608 610
Fujifilm 678
Funai 588
Garrard 588
Viewsonic 760
Wards 536 537 607 645 650 652 653 654 655 657 658 666 667 668 669 674 675 677 682 690 715 723 724 729
White Westinghouse 569 664 670 672 674
Yamaha 505 506 573 652 653 654 655 657 658 661 662 664 665 666 667 668 669 674 675 677 682 690 715 723 724 729
Zenith 501 520 639 672 675 693 747
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<td>Minolta 595 680 686</td>
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<td>Mitsubishi 512 562 567 568 570 571 595 680</td>
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<td>Panasonic 523 554 596 614 626 633 678 679 685 747</td>
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<td>Pentax 592 595 677 680 683 686</td>
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<td>Pentex Research 594</td>
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<td>Philoce 554 678 679 686</td>
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<td>Philips 554 556 585 678</td>
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TUNER/AMPLIFIER CODES

Programming in AUX mode: Press 2 before entering the tuner/amplifier code.

Aiwa 636 641 656 687 718 720 724 725 726
Bose 761
Carver 653
Citizen 709
Curtis Mathes 734
Denon 647 674 757 758 759 760 762
Fisher 653 741
GE 711
Goldstar 677 690
Harmon/Kardon 640 672 726 728 745
Hitachi 711 752
JBL 640
JVC 637 683 703 725
Kenwood 649 676 691 726 728 745
Luxman 752
Magnavox 654 705 744 749
Marantz 651 740 743 746
NAD 739
Nakamichi 671 748 750
NEC 716 739
Onkyo 642 660 662 678
Optimus 648 664 734 744 749
Panasonic 643 644 652 742 746
Pioneer 658 667 688 679 702 734
Proton 654 705
Quasar 652 742 746
Radio Shack 744
RCA 635 638 704 727
Sansui 753
Sanyo 741
Sharp 712 713 714 715 749
Shinco 646 670 736 738 744
Sony 639 650 687 728 729 730
Soundmatters 783
Teac 684 737
Technics 643 644 652 742 746
Toshiba 710
Yamaha 663 730 731 732 733 745 747

DVD PLAYER CODES

Programming in AUX mode: In most cases use these codes to program in VCR mode; however, if programming in AUX mode, press 1 before entering the VCR code.

Aiwa 634 694 751
Alpine 653
Apex 654 655 743 744 757
Bose 758
Broksionic 656 752
Clarion 696
Classic 695
Daewoo 657
Denon 697 698 699 700
Emerson 658 701
Fisher 659
Funai 658
GE 702 703
Go Video 692 693
GPX 704
Hitachi 632 635 660 705 706 707
JVC 636 689 708 711
Kenwood 761
Konka 637 638 753
Koss 745
Lasonic 762
Magnavox 626 661 762
Memorex 709
Mintek 710
Mitsubishi 629 767
NAD 701
Nakamichi 763
Norcent 712
Onkyo 713
Oritron 723
Panasonic 639 662 663 714 715 716 717 734 765
Philips 640 641 766
Pioneer 665 718 719
Prosca 720
Qwestar 721 723
RCA 627 650 666 690 742 749
Sampo 724
Samsung 651 652 667 689 740
GE 747 703
Sansui 725 754
Sanyo 643 726
Sharp 669 727 746
Sherwood 728
Sony 617 644 645 670 671 729 730 731 768
Sylvania 658 764
Teac 732
Technics 733
Techwood 664
Toshiba 616 646 647 672 735 736 750
Yamaha 737 738 739
Zenith 648 673
**TV/DVD Combo Codes**

Programming for combination equipment: Program the remote control in TV mode and then in VCR (or AUX - press 1 before entering the DVD code) mode.

- **Aiwa** 751
- **Apex** 757
- **Broksonic** 752
- **Konka** 753
- **Panasonic** 734 765
- **RCA** 749
- **Sansui** 754
- **Sylvania** 764
- **Toshiba** 750

**TV/VCR Combo Codes**

Programming for combination equipment: Program the remote control in TV mode and then in VCR mode.

- **Broksonic** 748
- **Goldstar** 747
- **Panasonic** 747
- **Quasar** 747
- **Samsung** 755
- **Sylvania** 756
- **Zenith** 747

**DVD/VCR Combo Codes**

Programming for combination equipment: Use VCR mode to control VCR and DVD functions; however, if programming in AUX mode, press 1 before entering the DVD/VCR code.

- **Go Video** 692 693
- **JVC** 699
- **RCA** 699
- **Samsung** 667 691
- **Sony** 768
## TROUBLESHOOTING

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<thead>
<tr>
<th>What’s Happening</th>
<th>What’s Wrong</th>
<th>What You Can Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>While doing remote control procedure, the remote control stops working.</td>
<td>• If you don’t press any button for 20 seconds in a programming sequence, the remote shuts off its programming function.</td>
<td>Start over again.</td>
</tr>
<tr>
<td>You cannot find the key(s) shown on page C-1.</td>
<td>• The keys have two sides.</td>
<td>Turn the keys over until you find the correct key.</td>
</tr>
<tr>
<td>When you press a button on the remote control, the equipment doesn’t do what you expect.</td>
<td>• Maybe you didn’t set the remote to the mode for the equipment you want to control.</td>
<td>Press the correct mode button to set the remote to the mode for the equipment you want to control.</td>
</tr>
<tr>
<td></td>
<td>• Maybe you’re not pointing the remote control right at the TV (or other equipment).</td>
<td>• The remote control uses IR signals to control all equipment except for the receiver (when using UHF). IR signals travel only 40 feet or less, and can’t go through walls or other solid objects. You must point the remote control right at the equipment, with no objects to block the signal path.</td>
</tr>
<tr>
<td></td>
<td>• Maybe the remote control is missing batteries, maybe you put the batteries in the remote the wrong way, or maybe the batteries are weak or dead.</td>
<td>• If the batteries are missing or dead, put fresh AAA-size batteries in. If the remote has fresh batteries, check whether you put them in the right way. If you didn’t, take them out and put them in the right way.</td>
</tr>
<tr>
<td></td>
<td>• Maybe you didn’t set up the remote to control the equipment.</td>
<td>• Make sure you set up the remote to control all the equipment you want to use. See Program the Remote to Control Your TV on page C-4 and Programming for Other Equipment on page 4.</td>
</tr>
<tr>
<td>The receiver does things even though you didn’t press any remote control buttons.</td>
<td>• UHF signals from a neighbor’s remote may be controlling your receiver.</td>
<td>• See Avoiding Remote Conflicts on page 9 for instructions to correct this problem.</td>
</tr>
<tr>
<td>Your picture is snowy (or blue or black).</td>
<td>• You have accidentally changed the channel on your TV.</td>
<td>• Make sure your TV (and VCR, if connected) is tuned to the correct channel. Also try using the Recover button as described on page C-6.</td>
</tr>
<tr>
<td>What’s Happening</td>
<td>What’s Wrong</td>
<td>What You Can Do</td>
</tr>
<tr>
<td>------------------</td>
<td>--------------</td>
<td>-----------------</td>
</tr>
</tbody>
</table>
| Your remote control isn’t working | • The remote control is in the wrong mode.  
• You might be using the wrong remote control (TV1 or TV2).  
• Your batteries are worn out.  
• The remote control’s A/B switch is in the wrong position. | • Make sure the remote control is in the correct mode. For example, if you want to use the satellite receiver, put the remote control in SAT mode. (see Remote Control Modes on page 1).  
• Make sure you are using the correct remote control (TV1 or TV2) for your locations (multi-room receivers only).  
• Change the batteries as described on page C-2.  
• Check the A/B switch setting as described on page 9.  
For all receivers except for the DISH Player-DVR 942: leave the A/B switch in the A position. |
| When you press the remote control Mute or Volume button, nothing happens. | • Maybe you have not set up the remote control.  
• Maybe you’re trying to control TV volume but you set up the remote to control a tuner or amplifier in AUX mode. | • See Programming the Remote to Control Your TV on page C-4 and Programming for Other Equipment on page 4.  
• Set up the remote to control either TV volume or tuner/amplifier volume, whichever you want. See page 6. |
| Your UHF Pro remote control does not work well from far away. | • You may be experiencing interference from objects near your receiver antenna. | • Make sure the UHF antenna is connected to the receiver and not touching anything else.  
• Vary the tilt 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. | • Your receiver doesn’t use PIP.  
• Your receiver isn’t in Single Mode. | • Upgrade to a DISH Player-DVR 942 or DISH Player-DVR 921.  
• Press the Mode button on the front panel of the DISH Player-DVR 942. |
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 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.

ADVANCE EXCHANGE PROGRAM

The Advance Exchange Program allows you to have replacement equipment shipped immediately to you (depending upon where you live, it could take three to five business days). Along with replacement equipment, you will receive a prepaid shipping label and instructions on how to return the defective equipment. The shipping charge, for receiving replacement equipment and returning the defective equipment, is a one time fee based on EchoStar's competitive bulk shipping rates (additional charges may apply outside of the continental US). This fee will be charged to your billing account or your valid credit card.

If you do not ship the defective equipment to EchoStar within ten days after receiving the replacement, your billing account or credit card will be charged the market price of the replacement. If you return the defective equipment after ten days, you will receive a full refund less an administrative fee.
If your equipment is out of warranty and can be repaired your billing account or credit card will be charged the standard repair fee for the replacement. If damage to the defective equipment is found, which EchoStar in its sole discretion determines has voided the warranty, or makes the equipment unrepairable, your billing account or credit card will be charged the market price of the replacement.

**POST RECEIPT EXCHANGE PROGRAM**

You may choose to ship the equipment to us at your cost. To provide faster service, upon receipt of your equipment you will be shipped a replacement. Your original equipment will not be available for return.

The equipment you return will be checked to verify whether it is covered under this warranty. If the defective equipment is covered under this warranty, it will be replaced and shipped back to you at no additional cost (additional charges may apply outside of the continental US).

If your equipment is out of warranty and can be repaired your billing account or credit card will be charged the standard repair fee for the replacement. If damage to the defective equipment is found, which EchoStar in its sole discretion determines has voided the warranty, or makes the equipment unrepairable, your billing account or credit card will be charged the market price of the replacement.

**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 18.
3. Call the Customer Service Center at 1-800-333-DISH (3474). Have the date of purchase and your customer account number ready.
   a. If the representative finds you should return the remote control, you'll get a telephone number to call for a Return Authorization (RA) number. Before shipping any equipment to us, you must get a Return Authorization number.
   b. You must package returned equipment the right way. Follow the instructions the representative gives you.
   c. Write the RA number in large, clearly visible characters on the outside of the shipping box used to return the equipment. To avoid confusion and misunderstandings, we will return shipments without an RA number clearly visible on the outside of the box to you at your cost.
   d. We will:
      • Check the remote control, including whether it is covered under the warranty.
      • Replace any remote we find is defective with a new or refurbished remote, if the defective remote is covered under the warranty. We will ship the replacement remote at our expense.
      • If a defective remote is not covered under the warranty, we will tell you. We may assess you a flat rate charge for a replacement remote, including shipping and insurance.
REGULATORY FACTORS

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 one or more of the following measures:

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

<table>
<thead>
<tr>
<th>Reference Tables</th>
</tr>
</thead>
<tbody>
<tr>
<td>TV Code</td>
</tr>
<tr>
<td>VCR/DVD Player Code</td>
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<tr>
<td>Auxiliary Equipment Code</td>
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</tbody>
</table>

### Remote Address

### Channel or Input for Satellite Programming

### Channel for Satellite Programming on TV2

*(942 receivers only)*

If you enter a "1" as the last number of your code, your remote is in Limited Mode (see page 3 for more details).

To read out your remote codes, see page 10 for instructions.
For all your customer needs, call the Customer Service Center at 1-800-333-DISH(3474)