Digital
Remote Control
User Guide

A single remote to control up to four devices.

dish™

dish℠

IMPORTANT REGULATORY FACTORS

WIRELESS REMOTE CONTROL

This device complies with Part 15 of Federal Communications Commission (FCC) Rules. Operation is subject to the following conditions:

- This device may not cause harmful interference.

- This device must accept any interference that may cause undesired operation.

- Unauthorized equipment changes may void FCC certification.

IMPORTANT SAFETY INSTRUCTIONS

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

Installation

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.

ATTENTION!	Refer servicing to qualified personnel when a solid object or liquid has fallen onto or into the device.
ATTENTION!	DO NOT attempt to service this device. Refer all servicing to qualified personnel. Opening covers other than the battery cover will void the warranty.

TABLE OF CONTENTS

Remote Control Signals: UHF or IR
ABOUT THE REMOTE CONTROL

The remote control gives you easy access to all the features of a DISH Network™ satellite TV system. You can set up the remote to control up to three devices other than the satellite TV receiver. The three devices may include a TV, a VCR, a DVD player, a cable TV box, a tuner, or an audio amplifier.

REMOTE CONTROL SIGNALS: UHF OR IR

- The remote control uses Ultra-High Frequency (UHF) radio signals to control the satellite TV receiver. UHF signals travel long distances (100 feet or more) and go through walls and other solid objects. Because UHF signals travel so far, the receiver may respond to signals from other nearby remote controls. To handle this problem, see *Changing the Remote Control Address* on page16. If this does not work, see *Installing an Attenuator* on page17.

- To use the remote to control the receiver, you *must* attach the UHF antenna to the receiver back panel **UHF Remote Antenna** connection.
  Note: To be able to use the remote control over the longest possible distance, place the antenna straight up. Do *not* let the antenna touch anything.
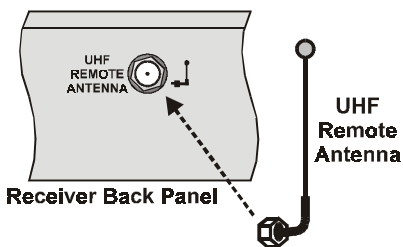

- The remote control uses Infra-Red (IR) light signals to control devices other than the receiver. IR signals travel only short distances (40 feet or less), and *cannot* go through walls or other solid objects. You *must* point the remote control directly at the device, with *no* objects blocking the line of sight.

INSTALLING BATTERIES IN THE REMOTE CONTROL

The remote control comes with AAA batteries, packaged separately. When you replace old batteries, you should replace *all* of the batteries. Use batteries of the same grade, *for example*, alkaline or carbon zinc, and do *not* mix batteries of different grades. Alkaline batteries provide longer battery life.
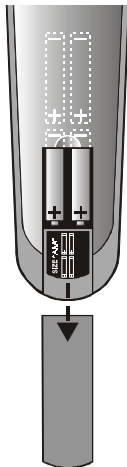
1. Press down on the slot in the battery cover (on the back of the remote control) and slide the cover off.

2. Insert the new batteries, making sure to match the plus ("+") ends with the plus markings on the battery case.

3. Replace the battery cover by sliding the cover back up into place.

REMOTE CONTROL MODES

To use the remote to control a device such as the satellite receiver or a TV, you *must first* set up the remote to control the device, *and then* set the remote to the right mode for that device.

1. Set up the remote to control the device. See *Controlling a Device* on pag e15 for instructions.

2. Use the remote control mode buttons, **SAT** (satellite receiver), **TV**, **VCR** (for a VCR or a DVD player), and **AUX** ("auxiliary," for a cable TV box, a tuner, or an audio amplifier) to set the remote to the right mode for the device. To change the mode setting, press the button for the device that you want the remote to control. The mode button's back light turns ON to show that the remote is set to that mode.

| ATTENTION! | The following sections describe how to use the remote control buttons. Each section describes *only* the buttons that work in *one* remote control mode, *for example* **SAT** mode or **TV** mode. |

USING THE REMOTE CONTROL BUTTONS

SAT (SATELLITE RECEIVER) MODE

ATTENTION!	Some of the features described below may *not* apply to your satellite receiver. See the receiver *User Guide* for details about the receiver's features. If a remote control button is *not* described in this section, it does *not* work in **SAT** mode.

SAT MODE BUTTON

The remote control *already* is set up to control the satellite receiver. But, you *must* press the **SAT** mode button to set the remote to **SAT** mode. The **SAT** mode button's back light turns ON to show that the remote is set to **SAT** mode. Make sure to keep the remote in **SAT** mode to use the buttons as described in this section.

AUX MODE BUTTON

Set up the remote to control the television and do *not* setup the remote in **AUX** mode. If you do this, then with the remote in **SAT** mode you can press the **AUX** mode button to turn the television ON or OFF. This allows you to turn the TV on or off without leaving **SAT** mode.

TV/VIDEO

TV/VIDEO BUTTON

If you connect the receiver using *only* its back panel RF or VHF connections, use this button to switch the receiver between the satellite signal (routed into the receiver's **Satellite In** input) and another video signal such as cable or broadcast TV antenna input (routed into the receiver's **TV Antenna Cable In** input).

MENU

MENU BUTTON

Press this button to open the **Main Menu**.

POWER BUTTON

Press this button to turn the receiver ON or OFF. The green **Power** light on the receiver front panel lights up to show that the receiver is ON, and goes out to show that the receiver is OFF.

PAGE UP AND PAGE DOWN (ARROW) BUTTONS

Press the **Page Up** button or the **Page Down** button to scan, page by page, through the **Program Guide**, a **Themes** menu, a **Favorite List**, an **Event Timers** list, or a list of channels.

MUTE BUTTON

Press this button to turn off the sound. Press it again to restore the sound.

VOLUME BUTTON

Press the left-hand, minus (-) side of this button to lower the sound volume. Press the right-hand, plus (+) side of this button to raise the sound volume.

GUIDE BUTTON

Press this button to open the **Program Guide**. When the **Program Guide** is open, press this button to switch among **Favorite Lists**.

SELECT BUTTON

Press this button to select a highlighted option or program in a menu.

SAT (Satellite Receiver) Mode

UP/DOWN/LEFT/RIGHT (ARROW) BUTTONS

- When using a menu, press these buttons to move the highlight to an option.

- When watching a program, press the **Right** button to open the **Browse Banner** or the **Up** or **Down** button to change channels.

- When the **Browse Banner** is open, press the **Up** or **Down** button to see the **Browse Banner** for the next channel.

- When a menu offers a list of choices (different from menu options), press the **Up** or **Down** button to see more choices.

- When the **Program Guide** is open, press these buttons to move the highlight among the programs.

- To enter a number in a menu, highlight the place where you need to enter the number. Then, press the **Up** or **Down** button to increase or decrease the number in the highlighted field. Or, you may use the **Number Buttons**.

- When the **Browse Banner** is open, press the **Right** or **Left** button to display the current program or the next program on a channel.

- When watching a program, press the **Left** button to open the **Themes** menu.

RECALL BUTTON

Press this button to return to the last channel you were watching. Press it again to switch between the last two channels that you watched.

SAT (Satellite Receiver) Mode

INFORMATION (INFO) BUTTON

- Press this button for more information when the
  Program Guide or the **Browse Banner** is open, or when
  watching a program.

- When a menu is open that includes a **Help** option, press this
  button to see help information for that menu.

- Highlight a program in a **Themes** list and then press this button
  for more information on that program.

- When the receiver is OFF, press this button to display the
  Important System Information menu.

VIEW BUTTON

- Press this button to return to watching a program.

- If you are watching a program, press this button to briefly display
  the **Program Banner**.

- While using any menu, press this button to cancel a procedure
  and return to watching a program.

CANCEL BUTTON

Press this button to cancel a procedure and to return to the previous
menu or to watching a program.

SYSTEM INFORMATION (SYS INFO) BUTTON

Press this button to display the **Important System Information**
menu.

TV (Television) Mode

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
⓪

       NUMBER BUTTONS

- When watching a program or with the **Program Guide** open, use these buttons to enter a channel number to change to that channel.

- When the **Program Guide** is open, enter a number of hours using these buttons, and then press the **Right** or **Left** arrow button to skip the display backward or forward by that number of hours.

- Use these buttons to enter menu option numbers. For an option that has a number, you may do this *instead* of highlighting the option and then pressing the **Select** button.

- Use these buttons to enter numbers in a menu. To do this, first highlight the place where you need to enter the number. Next, press a number button (or, you can use the **Up/Down** arrow buttons to enter the number). Then, move the highlight to the place for the next number that you need to enter, or press the **Select** button if you are done entering numbers.

(#) **POUND BUTTON**

Use this button in *Changing the Remote Control Address* on page 16.

TV (TELEVISION) MODE

ATTENTION!	Some of the features described below may *not* apply to the TV. See your TV owner's manual for details about the TV's features. If a remote control button is *not* described in this section, it does *not* work in **TV** mode.

TV MODE BUTTON

To use the remote to operate a television, you *must first* set up the remote to control the television. See *Controlling a Device* on page 15. *Then*, you *must* press the **TV** mode button to set the remote to **TV** mode. The **TV** mode button's back light turns ON to show that the remote is set to **TV** mode. Make sure to keep the remote in **TV** mode to use the buttons as described in this section.

TV/VIDEO BUTTON

If the TV has video input options, use this button to switch the TV among those options.

POWER BUTTON

Press this button to turn the television ON or OFF.

MUTE BUTTON

Press this button to turn off the sound. Press it again to restore the sound.

VOLUME BUTTON

Press the left-hand, minus (-) side of this button to lower the sound volume. Press the right-hand, plus (+) side of this button to raise the sound volume.

SELECT BUTTON

The **Select** button works as the **Enter** button for a TV.

VCR (VideoCassette Recorder) Mode

UP/DOWN (ARROW) BUTTONS

Use the **Up/Down** arrow buttons to change channels on the TV.

RECALL BUTTON

Press this button to return to the last channel you were watching. Press it again to switch between the last two channels that you watched.

NUMBER BUTTONS

Use these buttons to enter numbers in a menu.

VCR (VIDEOCASSETTE RECORDER) MODE

ATTENTION!	Some of the features described below may *not* apply to the VCR. See your VCR owner's manual for details about the VCR's features. If a remote control button is *not* described in this section, it does *not* work in **VCR** mode.

VCR MODE BUTTON

To use the remote to operate a VCR, you *must first* set up the remote to control the VCR. See *Controlling a Device* on pag e15. *Then*, you *must* press the **VCR** mode button to set the remote to **VCR** mode. The **VCR** mode button's back light turns ON to show that the remote is set to **VCR** mode. Make sure to keep the remote in **VCR** mode to use the buttons as described in this section.

VCR (VideoCassette Recorder) Mode

> **ATTENTION!**
>
> You *must* set the remote control to **VCR** mode to set it up to control a DVD player. You *must* set the remote control to **VCR** mode to use it to control a DVD player.

MUTE BUTTON

Press this button to turn off the sound. Press it again to restore the sound.

VOLUME BUTTON

Press the left-hand, minus (-) side of this button to lower the sound volume. Press the right-hand, plus (+) side of this button to raise the sound volume.

SELECT BUTTON

The **Select** button works as the **Play** button. Press this button to play or to resume playing a videotape.

UP/DOWN/LEFT/RIGHT (ARROW) BUTTONS

- The **Up** arrow button works as the **Stop** button. Press this button to stop a videotape.

- The **Down** arrow button works as the **Pause** button. Press this button to pause a videotape. Press this button or the **Select** button (**Play**) to restart the tape.

- The **Left** arrow button works as the **Rewind** button. Press this button to rewind a videotape.

- The **Right** arrow button works as the **Fast Forward** button. Press this button to forward a videotape.

① ② ③

④ ⑤ ⑥

⑦ ⑧ ⑨

⓪ NUMBER BUTTONS

Use these buttons to enter numbers in a menu.

AUX (AUXILIARY) MODE FOR CABLE TV BOX

> **ATTENTION!** Some of the features described below may *not* apply to the cable TV box. See your cable box owner's manual for details about the box's features. If a remote control button is *not* described in this section, it does *not* work for a cable TV box.

AUX AUX MODE BUTTON

To use the remote to operate a cable TV box, you *must first* set up the remote to control the cable box. See *Controlling a Device* on page 15. *Then*, you *must* press the **AUX** mode button to set the remote to **AUX** mode. The **AUX** mode button's back light turns ON to show that the remote is set to **AUX** mode. Make sure to keep the remote in **AUX** mode to use the buttons as described in this section.

MUTE MUTE BUTTON

Press this button to turn off the sound. Press it again to restore the sound.

VOLUME ⊖ ⊕ VOLUME BUTTON

Press the left-hand, minus (-) side of this button to lower the sound volume. Press the right-hand, plus (+) side of this button to raise the sound volume.

SELECT BUTTON

The **Select** button works as the **Enter** button for the cable box.

UP/DOWN (ARROW) BUTTONS

Use the **Up/Down** arrow buttons to change channels on the cable box.

RECALL BUTTON

Press this button to return to the last channel you were watching. Press it again to switch between the last two channels that you watched.

NUMBER BUTTONS

Use these buttons to enter numbers in a menu.

STAR BUTTON

Use this button to set up the remote control in **AUX** mode.

AUX (AUXILIARY) MODE FOR TUNER OR AMPLIFIER

ATTENTION!	Some of the features described below may *not* apply to the tuner or amplifier. See the device owner's manual for details about the device's features. If a remote control button is *not* described in this section, it does *not* work for a tuner or amplifier.

AUX (Auxiliary) Mode for Tuner or Amplifier

AUX MODE BUTTON

To use the remote to operate a tuner or amplifier, you *must first* set up
the remote to control the device. See *Controlling a Device* on page 15.
Then, you *must* press the **AUX** mode button to set the remote
to **AUX** mode. The **AUX** mode button's back light turns ON to show
that the remote is set to **AUX** mode. Make sure to keep the remote
in **AUX** mode to use the buttons as described in this section.

MUTE BUTTON

Press this button to turn off the sound. Press it again to restore
the sound.

VOLUME BUTTON

Press the left-hand, minus (-) side of this button to lower the sound
volume. Press the right-hand, plus (+) side of this button to raise
the sound volume.

SELECT BUTTON

This button works as the **Input Select** button for a tuner or amplifier.

UP/DOWN (ARROW) BUTTONS

Use these buttons to change channels on the tuner or amplifier.

STAR BUTTON

Use this button to set up the remote control in **AUX** mode.

REMOTE CONTROL PROCEDURES

CONTROLLING A DEVICE

This section explains how to set up the remote to control a device, such as a satellite TV receiver, a TV, a VCR, a cable TV box, a tuner, or an amplifier.

Note: The remote *already* is set up to control the receiver. *But*, if the receiver has its own volume control, then when you first install it, it is set up so that the remote *cannot* control the receiver sound volume. If you want to set up the receiver so that the remote *can* control the receiver volume, see *Receiver Volume Control* on pag e18.

1. Turn ON the device you want the remote to control, using the device's buttons or the remote control that came with the device.

2. Find the brand name of the device in the tables that start on page 22. If the brand is not listed, see *Doing the Device Code Scan* on pag e20.

3. Press and hold the mode button for the device that you want the remote to control, for about three seconds. When all the other mode button backlights come on, release the mode button.

   For example

4. Use the number buttons to enter the code for the device.
   Note: For the **AUX** mode, you *must* enter a 4-digit code. The first digit is the code for the device, as follows:
   0 is for a second TV, 1 is for a second VCR, and 2 is for an audio amplifier or cable TV box.

5. Press and release the **Pound** (**#**) button. If the code is valid, the mode button backlight blinks three times.

6. Test if the code works for the device by pressing the **Power** button. If the code works, the device should turn OFF.

7. Turn the device back ON and try some other buttons to make sure they work. Sometimes, the **Power** button may work when other buttons do not. If the code works for other buttons, stop here.

Changing the Remote Control Address

8. If the code you entered does not work, repeat steps 3 through 7 using another code from the tables.

9. If you have tried all of the codes listed for the device without success, or if you cannot find the device brand name in the tables, see *Device Code Scan* on pag e20.

CHANGING THE REMOTE CONTROL ADDRESS

Note: Do *not* change the address of the remote unless absolutely necessary**,** because the remote *cannot* control the receiver if the two devices have different addresses. If you start doing this procedure and then do not press any button for 20 seconds, the remote will end the procedure. Just start over again.

Note: This procedure shows *examples* of menu options. The options that you see may differ.

1. Display the **Important System Information** menu.
   Note the **Remote Address** shown on this menu.

   To do this:

   Either: Press the **System Information** button.
   - **or:** a) Press the **Menu** button.
      b) Select the **System Setup** option.
         Note: This step does *not* apply to some receivers.
      c) Select the **Installation** option.
      d) Select the **System Info** option.

2. Press and hold the **SAT** mode button about three seconds, until all the mode button backlights come on, and then release the **SAT** button.

3. Use the number buttons to enter a number from 1 to 15. The **SAT** mode button backlight will blink off after you enter each digit, and then come on again.

4. Press the **Pound** (**#**) button. If the address you entered is valid for the remote control, the **SAT** mode button backlight flashes three times.

5. Press the **Record** button.
   The **Remote Address** on the **Important System Information** menu should match the one that you entered.

6. To check the address, press and hold the **SAT** mode button for three seconds. Then, press the **Pound** (**#**) button twice. The **SAT** mode button backlight flashes the same number of times as the address.

7. Press the **Select** button.

INSTALLING AN ATTENUATOR

Unwanted UHF signals may block signals from the remote control to the receiver. To prevent such blockage, you can install a 10 dB attenuator. This will help keep out other UHF signals, but also reduce the distance at which you can use the remote control.

1. Remove the UHF antenna from the **UHF Remote Antenna** connection on the receiver back panel.
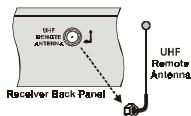
2. Attach a 10 dB attenuator to the **UHF Remote Antenna** connection.
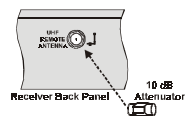
3. Attach the UHF antenna to the attenuator.
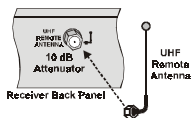
CONTROLLING SOUND VOLUME

RECEIVER VOLUME CONTROL

The receiver *may* have its own volume control. When you first install such a receiver, it is set up so that the remote *cannot* control the receiver sound volume. You can set up the receiver so that the remote *can* control the receiver sound volume.

Note: You should use the receiver remote to control the sound volume for normal viewing. But, if you are recording a program using a VCR, and you *change* the sound volume using the receiver remote, the volume recorded *also* will change. So, you may want to set up the receiver so that *only* the TV remote can control the sound volume. Then, when you use the TV remote to change the volume, the volume recorded will *not* change. When you are finished recording, make sure to change the receiver setup back so that the receiver remote *can* control the sound volume.

To change the way sound volume is controlled, do the following:
Note: This procedure shows *examples* of menu options. The options that you see may differ.

1. Use the TV remote control to make sure that the TV sound volume is *not* turned down or muted.
   Note: If you turn down or mute the TV sound volume using the TV remote, the receiver remote *cannot* restore the volume *even if* the receiver is set up so that the remote should be able to do so.

2. Press the **Menu** button.

3. Select the **System Setup** option.

   MENU

4. Select the **Volume Control** option.
   Note: If the **System Setup** menu does not display this option, the receiver does *not* have its own volume control.

   System Setup

   Volume Control

5. Select the **TV remote volume control** or the **DISH remote volume control** option.

6. Select the **Save** option.

   Save

7. If you are setting up the remote control for the first time, see *Controlling a Device* on pag e15. In step 4 of that procedure, use code 222 in **TV** mode to set up the remote to control the receiver, including the receiver sound volume.

TV OR AMPLIFIER VOLUME CONTROL

If you set up the remote to control a television, the **Mute** and **Volume** buttons - in *any* mode - control the TV volume. This applies *whether or not* the receiver has its own volume control. This does *not* apply if you use the **AUX** mode to control a device that has a volume setting.

If you want to control a device that has a volume setting, using any remote mode, do the following:

1. Press and hold the **AUX** mode button for three seconds, then release it.

2. Press the **Pound** (**#**) button.

3. Press the plus (+) side of the **Volume** button.

4. Press the **0** number button.

5. Press the **Pound** (**#**) button. The **AUX** mode button backlight blinks three times.

To switch back to TV volume control, do the following:

1. Press and hold the **TV** mode button for three seconds, then release it.

2. Press the **Pound** (**#**) button.

3. Press the plus (+) side of the **Volume** button.

4. Press the **0** number button.

5. Press the **Pound** (**#**) button. The **AUX** mode button backlight blinks three times.

Doing the Device Code Scan
DOING THE DEVICE CODE SCAN

If a device is not listed in the tables or if the listed codes do not work,
you can scan through all the codes, testing each one. Remember that
the remote may not control some devices.

1. Press and hold the mode button for the device,
   for about three seconds. When all the other
   mode button backlights come on, release the
   button. It will flash to show that the remote is
   ready for address setting.

   For example

2. For **AUX** mode *only*, use the number buttons to
   enter a number as follows: 0 is for a second TV,
   1 is for a second VCR, and 2 is for an audio
   amplifier or cable TV box. Then, press the **Star**
   (*****) button.

3. Press the **Power** button.

4. Press the **Up** or **Down** arrow button to set the
   remote to the next code. The **Down** arrow
   button scans backward, and the **Up** arrow button
   scans forward. Press the button again
   to continue scanning.

5. When the remote reaches the correct code,
   the device turns OFF. If this happens, press the
   Pound (**#**) button to store the code in the
   remote. If the code is valid, the matching mode
   light blinks three times.

6. Press the **Power** button to turn the device
   back ON.

7. Try some other remote control buttons to make sure that you
   have the right code.

FINDING THE DEVICE CODES

You can find out what device code is set for each remote control mode.
Do the following:

1. Press and hold the mode button for the device,
   for about three seconds. When all the other mode
   button backlights come on, release the mode
   button.

   For example

2. Press the **Pound** (**#**) button twice. The mode
   light flashes the number for each digit of the
   current mode, with a pause between the groups
   of flashes. A quick flash is for zero.
   For example, the mode light flashes five times,
   pauses, flashes seven times, pauses, and flashes
   quickly for the 570 code.

DEVICE CODES

Use these codes to set up the remote to control other devices.
If a device is not listed or the codes do not work, the remote may not be able to control the device.

Note: The end of the **VCR** table provides codes for DVD players.
Only for a receiver that has its own volume control, use code 222 with the remote in **SAT**, **TV**, or **VCR** mode to set up the remote to control the receiver sound volume.

TVs

Akai	532, 570, 573
Alba	613
A-Mark	620
Amstrad	533
Anam	509, 541, 620, 621, 691, 698
AOC	505, 506, 519, 520, 620, 695, 712
Archer	620
Audiovox	620
Bauer	611
Baycraft	536
Brockwood	695
Broksonic	562, 691
Candle	506, 522, 523, 525, 536, 691, 695, 712
Capehart	519, 695
Circuit City	695
Citizen	506, 516, 522, 523, 524, 525 , 526, 691, 712
Colortyme	573, 695
Concerto	523
Contec	527, 528, 541, 591, 691
Craig	536, 541, 691, 694
Crown	526, 536
Curtis Mathes	506, 516, 526, 573, 703, 712
CXC	541, 691
Daewoo	505, 524, 526, 529, 530, 531, 532, 698, 712, 719
Daytron	526, 695
Dixi	532, 588, 620
Dumont	695
Electrohome	526, 573, 709, 713
Elta	532
Emerson	526, 527, 528, 533, 534, 535, 536, 537, 538, 539, 540, 541, 573, 622, 691, 692, 695, 696, 699, 720
Envision	506, 712
Etron	532
Fisher	542, 590
Formenti	611
Fortress	573, 605
Fujitsu	534, 694

Funai	534, 541, 691, 694
Futuretech	541, 691, 694
General Electric (GE)	503, 508, 509, 515, 540, 543, 544, 630, 695, 698, 701, 714, 715, 716
Genexxa	613
Goldstar	505, 523, 526, 545, 546, 573, 588, 693, 712
Granada	695, 711
Grand	695
Grandiente	711
Grundig	547
Hallmark	695
Harman Kardon	561
Hinari	534
Hitachi	523, 526, 548, 549, 550, 551, 552, 553, 554, 555, 585, 597, 626, 702, 718
Infinity	566
JBL	566
JC Penney	503, 505, 506, 516, 526, 531, 543, 596, 701, 714
Jensen	556, 573
JVC	557, 558, 559, 560
Kawasho	548, 561, 712
Kenwood	506, 573, 712
Kloss	522, 561, 610, 698
KTV	526, 539, 540, 541, 691, 696, 712
Lloyds	695
Lloytron	526
Loewe	588
Logik	518
Luxman	523
LXI	503, 563, 566, 590, 595, 617, 625, 701
Magnasonic	573
Magnavox	506, 520, 525, 536, 564, 565, 566, 567, 568, 569, 573, 575, 610, 710, 712
Marantz	506, 566, 573, 588, 712
Matsui	532, 609
Megatron	695
Memorex	518, 532, 590, 695, 720
MGA	504, 505, 506, 571, 573, 695

Mitsubishi	504, 505, 570, 571, 572, 597, 623, 695, 705, 707, 712
Montgomery Wards	505, 506, 515, 518, 534, 536, 543, 564, 565, 567, 568, 607, 619, 712, 714, 715
MTC	505, 506, 516, 523, 531, 695, 712
NAD	502, 617, 695
National	509, 697
National Quenties	697
NEC	505, 506, 507, 517, 523, 573, 627, 712
Nikkai	612, 613, 618
Nordmende	551
Normande	717
Novabeam	561, 698
Nyon	701
Onwa	541, 691
Optonica	605, 607
Orion	694
Osaki	612
Panasonic	508, 509, 510, 511, 512, 566, 574, 689, 697, 698, 700, 706, 714, 716
Philco	505, 506, 525, 536, 564, 565, 568, 573, 610, 712
Philips	566, 588
Pioneer	502, 548, 551, 576, 708
Portland	505, 526, 712
Proscan	503
Proton	513, 519, 526, 536, 585, 624, 695
Pulsar	501
Quasar	508, 509, 577, 698, 700
Radio Shack	526, 541, 607, 612, 691, 698
RCA	503, 505, 515, 548, 579, 580, 581, 582, 583, 584, 586, 587, 625, 633, 634, 691, 698, 701, 708, 714, 715, 716
Realistic	590
Saba	551
Saisho	532, 533, 609
Sampo	506, 519, 698
Samsung	505, 506, 516, 523, 526, 532, 588, 612, 695, 704, 712, 721
Samwon	620
Sanyo	542, 589, 590, 591, 592, 609
SBR	588
Schneider	588
Scott	526, 534, 537, 541, 593, 600, 691, 696, 701
Sears	503, 523, 534, 542, 563, 589, 590, 594, 595, 596, 598, 599, 601, 602, 603, 604, 617, 695, 703
Seimitsu	695
Sharp	526, 585, 591, 605, 606, 607, 608, 628, 629
Siemens	591

Signature	518
Silver	573
Solavox	612
Sony	500, 514, 521, 578, 609, 619, 622, 685, 686, 687, 688, 690
Soundesign	525, 536, 541, 691, 695
Spectricon	520, 620
Squareview	694
SSS	505, 541, 573, 691, 712
Supra	523
Supre-Macy	522
Sylvania	506, 525, 536, 564, 565, 566, 568, 573, 575, 600, 610, 611, 712
Symphonic	632, 692, 694
Tandy	605, 613
Tatung	509, 698
Technics	508
Techwood	523, 573
Teknika	504, 505, 516, 518, 522, 523, 524, 525, 526, 534, 536, 541, 614, 615, 691, 712
Teleavia	551
Telefunken	551
Teletech	532
Tera	513
Thomas	695
Thompson	709
Thomson	551, 616
TMK	523, 573, 695
Toshiba	516, 590, 596, 617, 618, 631
Tosonic	528
Totevision	526
Toyomenko	695
Universal	543
Vector Research	506
Victor	557
Video Concepts	570, 691
Vidtech	505, 695, 712
Viking	522
Yamaha	505, 506, 712
York	695
Zenith	501, 518, 693
Zonda	620

VCRs

Aiwa	588, 622, 623, 624
Akai	513, 514, 515, 516, 517, 518, 519, 520, 568
Alba	546
Amstrad	588
ASA	565
Audio Dynamics	594, 600
Broksonic	559
Bush	589
Candle	580, 592, 593

Canon	542, 553, 554		Olympic	553
Capehart	543, 546		Optonica	585
Citizen	591, 592, 593		Orion	506, 507
Craig	591, 608		Panasonic	521, 522, 523, 524, 526, 553, 554, 598, 614, 628
Croslex	553		Pentax	537, 592
Curtis Mathes	554, 592, 605		Perdio	588
Daewoo	534, 545, 546, 547, 593		Philco	553, 554, 611
Daytron	546		Philips	553, 554, 565, 585
DBX	594, 600		Pioneer	553, 562, 573, 574, 575, 576, 600
Dumont	549		Portland	546, 593
Dynatech	588		Proscan	553, 605
Electrohome	609		Pulsar	533
Emerson	505, 506, 507, 508, 509, 510, 511, 512, 559, 568, 588, 590, 609, 618		Quartz	581
			Quasar	553, 554, 577, 578
Finlandia	549		Radio Shack	607, 608, 609, 610
Finlux	549, 565, 588		RCA	525, 526, 527, 528, 529, 537, 553, 591, 605, 606, 615, 630, 631
Fisher	548, 549, 584, 588, 608, 610			
General Electric (GE)	550, 551, 552, 554, 572, 591, 605		Realistic	549, 554, 580, 581, 584, 585, 588
Goldstar	530, 555, 592, 612, 613		Ricoh	502
Goodmans	585, 589		Saisho	506, 507
Go Video	557, 558, 620		Salora	567, 581
Granada	549, 581		Samsung	517, 534, 579, 580, 591
Grundig	565		Sansui	532, 544, 562, 600, 621
Harman Kardon	530, 569		Sanyo	549, 581, 582, 583, 608
Hinari	589		SBR	565
Hitachi	536, 537, 538, 539, 540, 541, 553, 588, 595, 596, 597		Schneider	589
			Scott	508, 559, 590
Instant Replay	553		Sears	548, 549, 581, 584, 608, 610
ITT	518			
JC Penney	530, 554, 580, 591, 594, 600, 601		Sentra	546
			Sharp	585, 607, 609, 625
Jensen	560		Shintom	589
JVC	561, 562, 563, 564, 592, 594, 600, 601		Sony	500, 501, 502, 503, 504, 629
Kenwood	562, 581, 592, 594, 600, 601		Sylvania	553, 554, 567, 588, 611
Lloyd	588		Symphonic	588, 594
Logik	589		Tandy	588
Luxor	518		Tashiko	588
Magnavox	527, 553, 554, 556, 565, 611		Tatung	586, 594, 601
			Teac	588, 594, 601
Marantz	530, 554, 565, 585, 592, 594, 600, 601, 603		Technics	553, 554
			Teknika	554, 587, 588
MEI	554		TMK	506
Memorex	533, 549, 554, 566, 581, 585, 588, 608		Toshiba	534, 535, 567, 590
			Totevision	580, 591
MGA	567, 568, 609		Unitech	580
Mitsubishi	562, 567, 568, 569, 570, 571, 609		Vector Research	530, 600
			Victor	561, 562, 600
Montgomery Wards	527, 554, 580, 585, 588, 589, 590, 591, 607, 608, 609		Video Concepts	568, 600
			Videosonic	591
MTC	544, 580, 588		Yamaha	530, 592, 594, 600, 601
Multitech	588, 589, 591		Zenith	500, 501, 533
NAD	573		**Note:** The following part of this table is for DVD players *only*.	
NEC	530, 531, 532, 562, 592, 594, 599, 600, 601, 602, 603, 604			

DVD Players	
Note: You *must* set the remote control to **VCR** mode to set it up to control a DVD player. You *must* set the remote control to **VCR** mode to use it to control a DVD player.	
Magnavox	626
Pioneer	619
RCA	627
Sony	617
Toshiba	616

TUNERS/AMPLIFIERS

Aiwa	2656, 2680
Carver	2653
Fisher	2653
GE	2665
Goldstar	2677
JVC	2657, 2683
Kenwood	2676
Luxman	2681
LXI	2665
Marantz	2651
Memorex	2675
NAD	2669
Nakamichi	2671
Onkyo	2660, 2662, 2678
Optimus	2664
Panasonic	2652
Pioneer	2658, 2675, 2679
Proton	2654
Quasar	2652
RCA	2655
Realistic	2665, 2666
Scott	2659
Sherwood	2670
Sony	2667, 2668, 2672, 2673, 2674, 2680, 2684
Symphonic	2666
Technics	2652
Victor	2657
Yamaha	2663, 2682

CABLE TV BOXES

Eastern	2649
GI/Tocom	2640
Jerrold	2635, 2636
Memorex	2637
Oak	2646
Panasonic	2637, 2644, 2645
Paragon	2637
Pioneer	2642, 2643
Regency	2649
Scientific Atlanta	2638, 2639, 2647, 2648, 2650
Zenith	2641

TROUBLE-SHOOTING TABLE

What Is Happening	Possible Reason	What to Do
You cannot find the remote control.	You may have misplaced the remote control, or someone else may have it.	Use the receiver front panel **Control Buttons** to control the receiver until you find the remote. If the remote control is permanently lost or too damaged to use, call the Service Center to order a replacement. You will have to pay for the remote control, plus shipping and handling.
When you press the remote control **Power** button to turn the receiver ON, the receiver front panel **Power** light does not turn on.	You may not be able to see that the receiver **Power** light is on, if other lights in the room are too bright. The remote control may not be operating properly or the batteries may be weak or dead. The receiver power cord may not be plugged into a power outlet, or there may be a problem with the power.	Try other remote control buttons to see if the receiver is responding. Replace the remote batteries with fresh ones. Check that the receiver power cord is not damaged, and that the plug is inserted correctly into the outlet.
You set up the remote control for the **TV** mode. Then, you find that you cannot set up the remote control for the **AUX** mode.	A few remote controls have a problem when you set up the **AUX** mode after you set up the **TV** mode.	Do the following: (a) write down the TV code, (b) reset the **TV** mode using code 222, (c) set up the **AUX** mode, and (d) reset the **TV** mode using the code that you wrote down in step (a).

When you press a button on the remote control, the device does not do what you expect.	You may be trying to control a device other than the receiver, without pointing the remote control directly at the device. The remote control may be missing batteries, the batteries may be incorrectly placed in the remote, or the batteries may be weak or dead. The remote may not be set to the mode that matches the device you want to control. The remote may not be set up to control the device.	Remember that the remote control uses IR signals to control devices other than the receiver. IR signals travel *only* 40 feet or less, and *cannot* go through walls or other solid objects. You *must* point the remote control directly at the device, with *no* objects blocking the line of sight. If the batteries are missing or dead, insert fresh AAA-size batteries. If the remote has fresh batteries, check whether they are placed according to the label diagram. If not, remove them and place correctly. Make sure to set the remote to the mode that matches the device that you want to control. Make sure to set up the remote to control all the devices that you want to operate.
The system uses infrared (IR) remote control extenders (called "pyramids"). Electronic devices exhibit ultra-high frequency (UHF) interference.	The extenders use UHF signals to transmit signals from one room of the building to another. These signals may be causing the interference.	Temporarily stop using the extenders, to see whether this eliminates the interference. If the extenders are the source of the interference, you will have to avoid using them whenever you do not want interference with other devices that use UHF. This is because UHF signals travel 100 feet or more, and go through walls and other solid objects.
The system uses infrared (IR) remote control extenders (called "pyramids"). The IR remote control extenders do not seem to work.	The IR sensor on the extender that receives the remote control signals may not be facing the remote control. The IR cable on the extender that sends the signal to the receiver may not be right in front of the IR sensor on the receiver front panel.	Make sure the extender that receives the signal from the remote control is facing the right way, so that the IR sensor can receive the remote control signals. Make sure the IR cable on the extender that sends the signal to the receiver is right in front of the IR sensor on the receiver front panel, so that the receiver IR sensor can receive the signals. If doing the above does not solve the problem, contact the manufacturer of the extenders for help.

LIMITED WARRANTY

This warranty extends *only* to the original user of the DISH Network^TM Remote Control ("you," "your") and is *limited* to the purchase price of the remote control. EchoStar Communications 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 that 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^TM System; consumer instruction; physical set up or adjustment of any consumer electronic device; 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).

ADVANCE EXCHANGE PROGRAM

Whether covered under this warranty or not, the Advance Exchange Program allows you to have replacement equipment shipped immediately to you (depending upon where you live, it could take up to three business days). Along with replacement equipment, you will receive a prepaid shipping label and instructions on how to return the defective equipment. The shipping cost for receiving replacement equipment and sending back the defective equipment is a one time fee based on EchoStar's competitive, bulk shipping rates and will be charged to your credit card.

If you do not ship the defective equipment back to EchoStar within ten days after receiving the replacement, your credit card will be charged the market price of the replacement. If you return the defective equipment *after* the ten days, you will receive a full refund less an administrative fee.

If damage to the defective equipment is found which DISH Network Service in its sole discretion determines is not covered by the warranty, we will charge your credit card our standard flat rate exchange fee.

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.

IF YOU NEED HELP

1. Review this *Guide*.

2. See the *Trouble-Shooting Table* on pag e26.

3. Call the DISH Network℠ Service Center at 1-800-333-DISH (3474). Have the date of purchase and your customer account number ready.

4. A Representative will assist you. He or she will try to troubleshoot any problem you may be having.

5. If the Representative finds that you should return the remote control, he or she will give you a telephone number to call to get a Return Authorization (RA) number. *Before shipping* any equipment to us, you *must* get a Return Authorization number.

6. You *must* package returned equipment properly. Follow the instructions that the Representative gives you.

7. 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 expense.*

8. We will:

   - Check the remote control, including whether it is covered under the warranty.

   - Replace any remote that 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.

Notes

Notes

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**FOR ALL YOUR CUSTOMER NEEDS,
CALL DISH Network™ CUSTOMER SERVICE
at 1-800-333-DISH (3474).**

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