



DIRECTV®
Universal Remote Control
User Guide

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INTRODUCTION

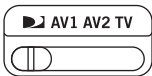
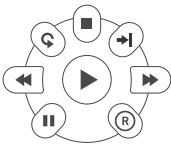
Congratulations! You now have an exclusive DIRECTV® Universal Remote Control that will control four components, including a DIRECTV Receiver, TV, and two stereo or video components (for example, a DVD, stereo, or second TV). Moreover, its sophisticated technology allows you to consolidate the clutter of your original remote controls into one easy-to-use unit that's packed with features such as:

- Four-position **MODE** slide switch for easy component selection
- Code library for popular video and stereo components
- Code search to help program control of older or discontinued components
- Memory protection to ensure you will not have to re-program the remote when the batteries are replaced

Before using your DIRECTV Universal Remote Control, you may need to program it to operate with your particular component. Please follow the instructions detailed in this guide to set up your DIRECTV Universal Remote Control so you can start enjoying its features.

FEATURES AND FUNCTIONS

Key Charts

Press this key...	To...
	Slide the MODE switch to the DIRECTV, AV1, AV2 or TV positions to select the component you want to control. A green LED under each switch position indicates the component being controlled.
TV INPUT 	Press TV INPUT to select the available inputs on your TV. NOTE: Additional setup is required to deactivate the TV INPUT key. (See instructions on page 18.)
FORMAT 	Press FORMAT to cycle through the resolution and screen formats. Each press of the key cycles to the next available format and /or resolution. (Not available on all DIRECTV® Receivers.)
	Press PWR to turn on/off the piece of equipment the mode switch is set to.
	Press TV POWER ON/OFF to turn the TV and DIRECTV Receiver on or off. (NOTE: These keys are only active after the remote has been setup for your TV. See page 18.)
	Use these keys to control your DIRECTV DVR or your VCR, DVD, or CD/DVD player.
	On a DIRECTV DVR, enables one-touch record for any selected program.
	Replay jumps back 6 seconds and plays video from that location. You can also hold the button down to jump back to the beginning.
	Advance jumps ahead in a recording. You can also hold the button down to jump forward to the end.
	Use GUIDE to display the DIRECTV Program Guide. Press twice to see programs by category.

Press this key...	To...
	ACTIVE displays the DIRECTV Active™ Channel which includes local weather, horoscopes and more!
	For non-DVR boxes, pressing LIST takes you to the To Do List. For DVR boxes, LIST takes you to the Playlist (recordings). (Not available on all DIRECTV® Receivers.)
	Press EXIT to exit menu screens and the Program Guide and return to live TV.
	Press SELECT to choose highlighted items in menu screens or the Program Guide.
	Use the ARROW keys to move around in the Program Guide and menu screens.
	Press BACK to return to the previously displayed screen.
	Press MENU to display the Quick Menu in DIRECTV mode, or other menu for another selected device.
	Use INFO to display current channel and program information when watching live TV or in the Guide.
	Displays various options while viewing live TV, the Guide or the Playlist. Press YELLOW* to display TV Options Press BLUE* in full-screen TV to display the Mini-Guide. Press RED* in the Guide to jump 12 hours back. Press GREEN* in the Guide to jump 12 hours forward. *Other functions vary—look for onscreen hints or refer to your DIRECTV® Receiver's user guide. (Not available on all DIRECTV Receivers.)
	Press VOL to raise or lower the sound volume. The volume key is only active when the remote is set up for your TV.

Press this key...

To...



While watching TV, press **CHAN▲** (or **CHAN▼**) to select the next higher (or lower) channel.

While in the DIRECTV Program Guide or menu, press **PAGE+** (or **PAGE-**) to page up (or down) through available channels in the Guide.



Press **MUTE** to turn the sound off or back on.



Press **PREV** to return to the last channel viewed.



Press the number keys to directly enter a channel number (e.g. **207**) while watching TV or in the Guide.

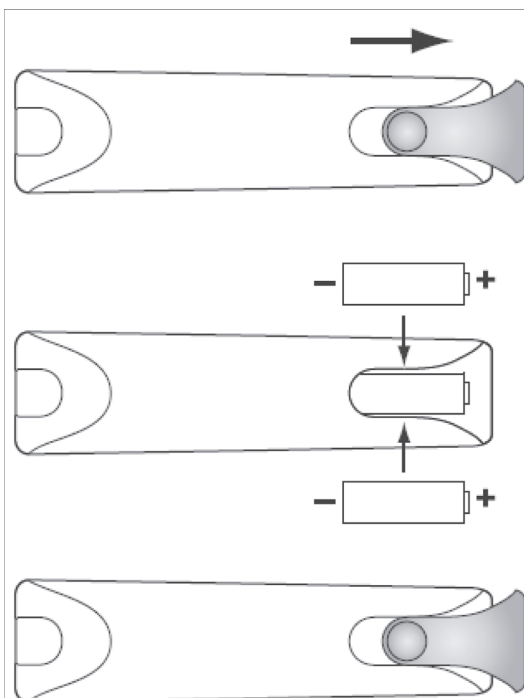
Press **DASH** to separate main and sub-channel numbers.

Press **ENTER** to activate number entries quickly.



Use the **LIGHT** key, located on the right side of your remote control, to turn backlighting of all keys on or off.

INSTALLING BATTERIES



1. On the back of the remote control, push down on the door (as shown), slide the battery cover off, and remove the used batteries.
2. Obtain two (2) new AA alkaline batteries. Match their + and - marks to the + and - marks in the battery case, then insert them.
3. Slide the cover back on until battery door clicks into place.

CONTROLLING YOUR DIRECTV® RECEIVER

The DIRECTV® Universal Remote Control comes programmed to work with most DIRECTV Receivers. Should the remote control not work with your DIRECTV Receiver, you will need to set up the remote control by performing the following steps.

Setting Up Your DIRECTV Remote

1. Locate the DIRECTV Receiver's brand and model number (on the back or bottom panel) and write it in the spaces below.

BRAND:

MODEL:

2. Locate the 5-digit code for your DIRECTV® Receiver. (See page 24.)
3. Power on the DIRECTV Receiver.
4. Slide the **MODE** switch to the DIRECTV position.
5. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the **DIRECTV** position flashes twice, then release both keys.
6. Using the number keys, enter the 5-digit code. If performed correctly, the green light under the **DIRECTV** position flashes twice.
7. Aim the remote at your DIRECTV Receiver and press the **PWR** key once. The DIRECTV Receiver should turn off; if it does not, repeat steps 4 - 7, trying each code for your brand until you find the correct code.
8. For future reference, write down the working code for your DIRECTV Receiver in the blocks below:

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ONSCREEN REMOTE SETUP

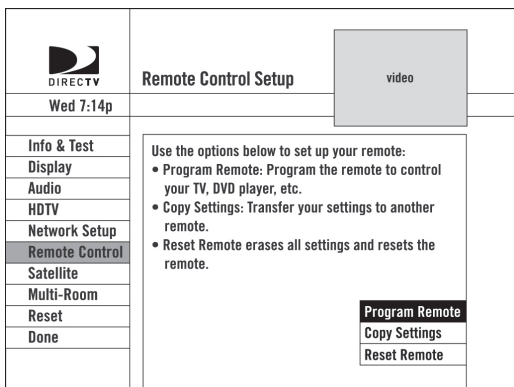
Once your remote is setup to work with your DIRECTV® Receiver, you can also set it up to control your TV, DVD, VCR, Stereo and other equipment.

Program your remote to control your TV:

1. Turn on your TV and DIRECTV Receiver.
2. Slide the **MODE** switch to the **DIRECTV** position.



3. Press **MENU** on your remote control, then select “**Parental, Fav's & Setup,**” “**System Setup,**” and “**Remote Control.**”
4. Select “**Program Remote.**”



5. Select “**Setup TV.**”

6. Enter the brand name of your TV using the on-screen keypad or the number keys on your remote. When the brand appears in the list, highlight it and press **SELECT**.

		TV: Brand Selection																																																			
Wed 7:14p																																																					
Spell the brand using the keypad below or use the number keys on the remote like a cell-phone. When you see the name, highlight it and press SELECT .																																																					
<table border="1"> <tr><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td></tr> <tr><td>G</td><td>H</td><td>I</td><td>J</td><td>K</td><td>L</td></tr> <tr><td>M</td><td>N</td><td>O</td><td>P</td><td>Q</td><td>R</td></tr> <tr><td>S</td><td>T</td><td>U</td><td>V</td><td>W</td><td>X</td></tr> <tr><td>Y</td><td>Z</td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>0</td></tr> <tr><td>CLR</td><td>SPC</td><td colspan="4">DEL</td></tr> </table>				A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	1	2	3	4	5	6	7	8	9	0	CLR	SPC	DEL				<table border="1"> <tr><td>—</td></tr> <tr><td>Admiral</td></tr> <tr><td>Advent</td></tr> <tr><td>Aiko</td></tr> <tr><td>Akai</td></tr> <tr><td>Alaron</td></tr> <tr><td>Albatron</td></tr> </table>	—	Admiral	Advent	Aiko	Akai	Alaron	Albatron
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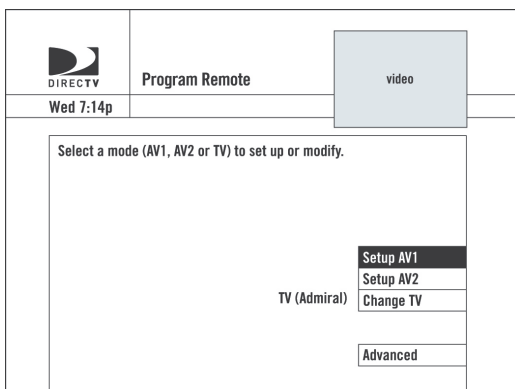
7. Enter the model number of your TV using the on-screen keypad or the number keys on your remote. When the model number appears in the list, highlight it and press **SELECT**. If you don't know the model number, select "**I don't know my model.**"
8. Read the on-screen Setup Instructions and select "**OK.**"

TIP: Don't forget to keep your remote pointed at the DIRECTV Receiver! Your remote is receiving information from the DIRECTV Receiver.

		Setup Instructions: TV: Admiral				
Wed 7:14p						
Setup Instructions for Admiral in TV mode: 1. During setup, your screen will turn black for a few seconds. 2. After a few seconds, a message will display the setup status. 3. Keep your remote pointed at the receiver and select OK below.						
				<table border="1"> <tr><td>OK</td></tr> <tr><td>Cancel</td></tr> </table>	OK	Cancel
OK						
Cancel						

9. Read the on-screen Code Test instructions. You'll be asked to test whether pressing the **VOLUME +/-** on the DIRECTV Remote adjusts the TV volume. If the TV volume changed, select "**It Worked.**" If the TV volume did not change, select "**Try Next Code.**" which will repeat the process starting from step 8.

- When TV setup is complete, the Program Remote screen will display giving you the option to change your settings or set up the remote to control another device.



Program your remote to control a DVD Player, VCR, Audio Equipment, or second TV

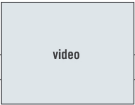
EXAMPLE : You want to control your DVD player with your DIRECTV remote. You will assign Mode, AV1 to your DVD player.

- Turn on your TV, DIRECTV Receiver and the device you want to control (Ex. DVD Player).
- Slide the **MODE** switch to the DIRECTV position.



- Press **MENU** on your remote control, then select "**Parental, Fav's & Setup**," "**System Setup**," and "**Remote Control**."
- Select "**Program Remote**."
- Select either "**Setup AV1**" or "**Setup AV2**" (Ex. Select "**Setup AV1**").
- Select the device you want to set up. You'll be given the following options: DVD, Audio Equipment, VCR or TV (Ex. Select "**DVD**").

7. Enter the brand name of your device using the on-screen keypad or the number keys on your remote. When the brand appears in the list, highlight it and press **SELECT**.

		DVD: Brand Selection																																																			
Wed 7:14p																																																					
Spell the brand using the keypad below or use the number keys on the remote like a cell-phone. When you see the name, highlight it and press SELECT .																																																					
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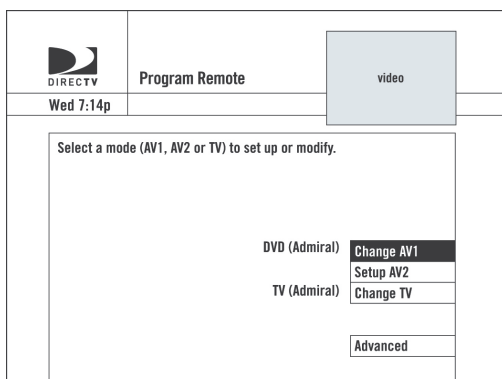
8. Enter the model number of your device using the on-screen keypad or the number keys on your remote. When the model number appears in the list, highlight it and press **SELECT**. If you don't know the model number, select "**I don't know my model.**"
9. Read the on-screen Setup Instructions and select "**OK.**"

TIP: Don't forget to keep your remote pointed at the DIRECTV Receiver! Your remote is receiving information from the DIRECTV Receiver.

		Setup Instructions: AV1: Admiral DVD				
Wed 7:14p						
Setup Instructions for Admiral DVD in AV1 mode: 1. During setup, your screen will turn black for a few seconds. 2. After a few seconds, a message will display the setup status. 3. Keep your remote pointed at the receiver and select OK below.						
				<table border="1"> <tr><td>OK</td></tr> <tr><td>Cancel</td></tr> </table>	OK	Cancel
OK						
Cancel						

10. Read the on-screen Code Test instructions. You'll be asked to test whether pressing **PWR** (Power) on the DIRECTV Remote powered off your device. If the device powered off, select "**It Worked.**" If it stayed on, select "**Try Next Code,**" which will repeat the process starting from step 8.

- When setup is complete, the Program Remote screen will display, giving you the option to change your settings or set up the remote to control another device.



Copy existing remote settings to another DIRECTV Remote

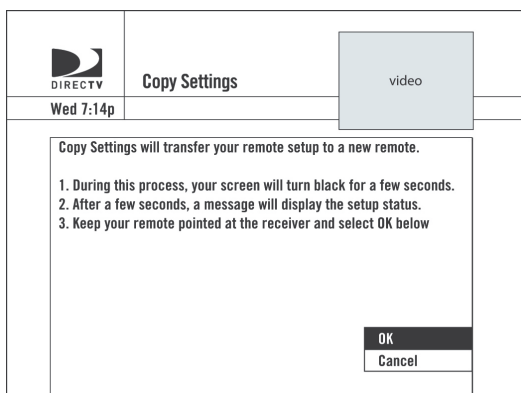
Once you've set up a DIRECTV Remote to control your TV and other devices, your receiver stores this information. This way, if you lose your remote (and get a replacement), or you upgrade to a newer model, you can copy your previous remote settings to the new remote.

- Turn on your TV and DIRECTV Receiver.
- Slide the **MODE** switch to the DIRECTV position.



- Press **MENU** on your remote control, then select “**Parental, Fav's & Setup,**” “**System Setup,**” and “**Remote Control.**”
- Select “**Program Remote.**”
- Select “**Copy Settings.**”
- Read the on-screen Copy Settings instructions and select “**OK.**”

TIP: Don't forget to keep your remote pointed at the DIRECTV Receiver! Your remote is receiving information from the DIRECTV Receiver.



Reset your DIRECTV Remote to factory default settings

You can reset the remote control to factory default settings which clears all but the DIRECTV mode.

1. Turn on your TV and DIRECTV Receiver.
2. Slide the **MODE** switch to the DIRECTV position.
3. Press **MENU** on your remote control, then select “**Parental, Fav's & Setup,**” “**System Setup,**” and “**Remote Control.**”
4. Select “**Reset Remote.**”
5. Follow the on-screen instructions.

ADVANCED REMOTE SETTINGS

In addition to setting up your DIRECTV Remote to control your TV and other devices the following Advanced Settings are available: IR/RF Setup, Volume Lock, Set Receiver Mode and Multi-Box Setup.

IR/RF Setup

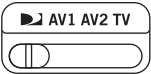
Your DIRECTV Remote Control features RF (radio frequency) capability. When you activate the RF feature of your remote control, you can control your DIRECTV Receiver from anywhere in your home. You do not need to be within the line of sight of your receiver to control it.

NOTE: Not all DIRECTV Receivers are RF-capable. Also, some RF-capable DIRECTV Receivers include integrated RF antennas and do not require an external antenna. If your receiver requires the external RF antenna, before activating the RF transmitter, locate the RF antenna included with your remote control and insert it into the RF remote antenna coaxial connector on the back of your DIRECTV Receiver.

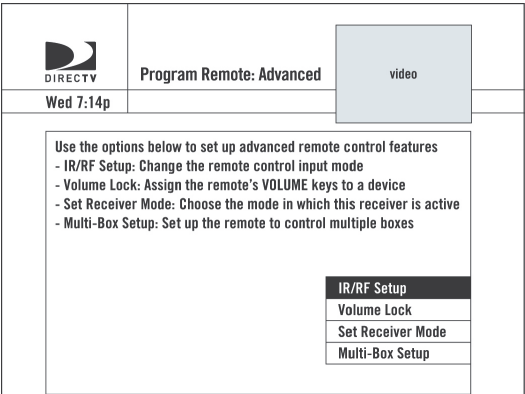
To activate the RF transmitter on your DIRECTV Remote:

1. Turn on your TV and DIRECTV Receiver.

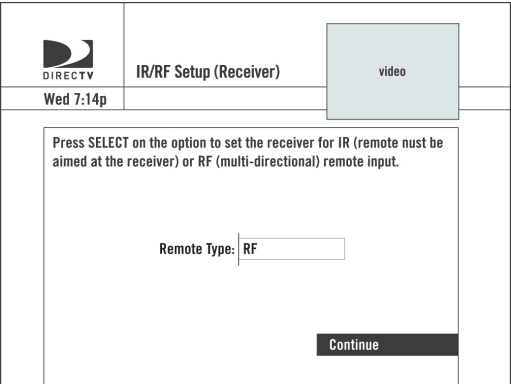
2. Slide the **MODE** switch to the DIRECTV position.



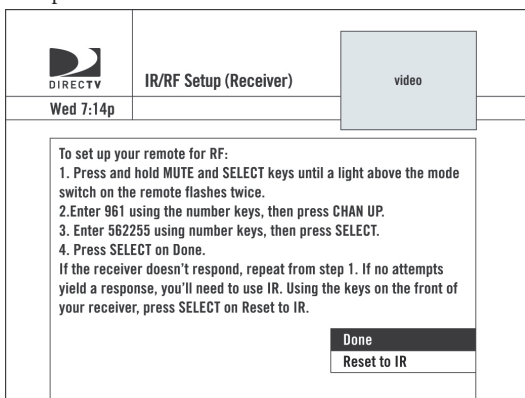
3. Press **MENU** on your remote control, then select “**Parental, Fav's & Setup,**” “**System Setup,**” and “**Remote Control.**”
4. Select “**Program Remote.**”
5. Select “**Advanced.**”
6. Select “**IR/RF Setup.**”



7. Change remote type from “IR” to “RF” and select “**Continue.**”



- Follow the on-screen instructions to complete the process.



Volume Lock

If you've programmed your DIRECTV remote to control your TV, this “locks” the **VOL +/-** and **MUTE** control to your TV. In other words, any time you press the **VOL +/-** or **MUTE** keys on your remote, it will adjust the volume through your TV, regardless of the position of the **MODE** switch.

If you want the audio for your DIRECTV programs to come through a component other than your TV (Ex. Stereo), you can “lock” volume control to that device as follows:

- Turn on your TV, DIRECTV Receiver and other component (Ex. Stereo).

TIP: If you have not already done so, first program your remote to control your TV and then program your remote to control your other components, Ex. Stereo. See instructions on pages 8 and 10, respectively.

- Slide the **MODE** switch to the DIRECTV position.



- Press **MENU** on your remote control, then select “**Parental, Fav's & Setup**,” “**System Setup**,” and “**Remote Control**.”
- Select “**Program Remote**.”
- Select “**Advanced**.”
- Select “**Volume Lock**.”

7. Select the device you want to control audio (Ex. Stereo that you've already programmed to AV2) and select "OK."

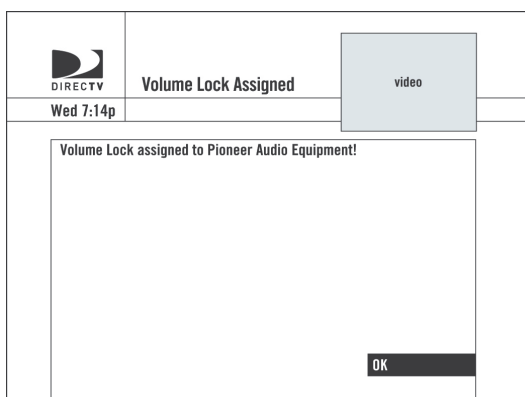
 DIRECTV	Volume Lock	video
Wed 7:14p		
You can set up the VOLUME key on your remote to work only with one device, such as your TV or a home theater receiver. To do this, select the device from the list below: ☐ TV (Admiral) ☐ AV1 (DVD, Admiral) ☒ AV2 (Audio Equipment, Pioneer) ☐ Disable Volume Lock OK Cancel		

8. Follow the on-screen instructions to complete the process.

TIP: Don't forget to keep your remote pointed at the DIRECTV Receiver! Your remote is receiving information from the DIRECTV Receiver.

 DIRECTV	Setup Instructions: Volume Lock	video
Wed 7:14p		
Setup Instructions to assign Volume Lock to Pioneer Audio Equipment: 1. During setup, your screen will turn black for a few seconds. 2. After a few seconds, a message will display the setup status. 3. Keep your remote pointed at the receiver and select OK below. OK Cancel		

- If Volume Lock was successful, the following message will display. If not, you will be given the options to “Try Again” or “Cancel.”



Set Receiver Mode

To program your remote to control 2 receivers located in the same room:

- Turn on your TV and DIRECTV Receiver.
- Slide the **MODE** switch to the DIRECTV position.



- Press **MENU** on your remote control, then select “Parental, Fav's & Setup,” “System Setup,” and “Remote Control.”
- Select “Program Remote.”
- Select “Advanced.”
- Select “Set Receiver Mode.”
- Follow the on-screen instructions to complete the process.

Multi-Box Setup

To program your remote to control 3 or more DIRECTV Receivers in one room:

- Turn on your TV and DIRECTV Receiver.
- Slide the **MODE** switch to the DIRECTV position.



- Press **MENU** on your remote control, then select “Parental, Fav's & Setup,” “System Setup,” and “Remote Control.”
- Select “Program Remote.”
- Select “Advanced.”
- Select “Multi-Box Setup.”
- Follow the on-screen instructions to complete the process.

CONTROLLING YOUR TV

Once you have successfully set up your DIRECTV Remote to operate your DIRECTV Receiver, you can set it up to control your TV. **We recommend you use the on-screen steps described on page 8**, but you can also use the manual method below:

1. Turn on the TV.

NOTE: Please read steps 2-5 completely before proceeding. Highlight or write down the codes and component you wish to set up before moving on to step 2.

2. Locate the 5-digit code for your TV. (See "Setup Codes for TVs" on page 25.)
3. Slide the **MODE** switch to the TV position.
4. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the TV position flashes twice, then release both keys.
5. Using the number keys enter the 5-digit code for your brand of TV. If performed correctly, the green light under **TV** flashes twice.
6. Aim the remote at your TV and press the **PWR** key once. Your TV should turn off. If it does not turn off, repeat steps 4 - 6, trying each code for your brand until you find the correct code.
7. Slide the **MODE** switch to the **DIRECTV** position. Press **TV POWER**. Your TV should turn on.
8. For future reference, write down the working code for your TV in the blocks below:

--	--	--	--	--

DEACTIVATING UP TV INPUT SELECT KEY

If you want to deactivate the **TV INPUT** key, follow the steps below. Pressing the **TV INPUT Key** will now do nothing.

1. Slide the **MODE** switch to the **TV** position.
2. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the **TV** position flashes twice, then release both keys.
3. Using the number keys enter **9-6-0**. (The green light under the **TV** position flashes four times.)

CONTROLLING OTHER COMPONENTS

The **AV1** and **AV2** switch positions can be setup to control a VCR, DVD, Stereo, second DIRECTV Receiver or second TV. **We recommend you use the onscreen steps described on page 8**, but you can also use the manual method below:

1. Turn on the component you wish to control (Ex. your DVD Player).
2. Locate the 5-digit code for your component. (See "Setup Codes, Other Devices" starting on page 25.)
3. Slide the **MODE** switch to the **AV1** (or **AV2**) position.
4. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under **AV1** (or **AV2**) flashes twice, then release both keys.
5. Using the number keys, enter the 5-digit code for the brand of component being set up. If performed correctly, the green light under the selected position flashes twice.
6. Aim the remote at your component and press the **PWR** key once. The component should turn off; if it does not, repeat steps 4 - 6, trying each code for your brand until you find the correct code.
7. Repeat steps 1 through 6 to set up a new component under **AV2** (or **AV1**).
8. For future reference write down the working code for the component(s) set up under **AV1** and **AV2** below:

AV1:

--	--	--	--	--

COMPONENT: _____

AV2:

--	--	--	--	--

COMPONENT: _____

SEARCHING FOR TV, AV1 OR AV2 CODES

If you were unable to find the code for your brand of TV or component, you can try a code search. This process may take up to 30 minutes.

1. Turn on the TV or component. Insert a tape or disk if applicable.
2. Slide the **MODE** switch to the **TV, AV1** or **AV2** position, as desired.
3. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the selected switch position flashes twice, then release both keys.

- Enter **9-9-1** followed by one of the following four-digits:
Green light (LED) flashes twice after entering component I.D.

COMPONENT TYPE	COMPONENT ID #
Satellite	0
TV	1
VCR/DVD/PVR	2
Stereo	3

- Press **PWR**, or other functions (e.g. **PLAY** for VCR) you want to use.
- Point the remote at the TV or component and press **CHAN▲**. Repeatedly press **CHAN▲** until the TV or component turns off or performs the action you selected in step 5.

NOTE: Every time **CHAN▲** is pressed the remote advances to the next code and power is transmitted to the component.

- Use the **CHAN▼** key to step back a code.
- When the TV or component turns off or performs the action you selected in step 5, stop pressing the **CHAN▲** key. Then, press and release the **SELECT** key.

NOTE: If the light flashes 3 times before the TV or component responds, you've cycled through all codes and the code you need is not available. You must use the remote that came with your TV or component.

Verifying the Codes

Once you have set up the DIRECTV® Universal Remote Control using the above steps, use the following instructions to find out the 5-digit code to which your component responded:

- Slide the **MODE** switch to the appropriate position.
- Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the selected switch position flashes twice, then release both keys.
- Enter **9-9-0**. (The green light under the selected switch position flashes twice.)
- To view the first digit in the code, Press and release the number **1** key. Wait three seconds, and count the number of times the green light flashes. Write this number down in the leftmost TV, AV1 or AV2 code box found on 19. (page 18 for TV, page 19 for AV1, AV2)
- Repeat step 4 four more times for the remaining digits; i.e., press number **2** for the second digit, **3** for the third digit, **4** for the fourth digit and **5** for the final digit.

CHANGING VOLUME LOCK

Depending on how you set up your remote, the **VOL** and **MUTE** may control the volume only on your TV, regardless of the position of the **MODE** switch. This remote can be set up so that the **VOL** and **MUTE** keys work *only* with the component selected by the **MODE** switch. To enable this feature, perform the following steps:

1. Slide **MODE** switch to **DIRECTV**. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the **DIRECTV** position flashes twice, then release both keys.
2. Using the number keys, enter **9-9-3**. (The green light will flash twice.)
3. Press and release the **VOL+** key. (The green light flashes 4 times.)

Now the **VOL** and **MUTE** keys will work *only* for the component selected by the **MODE** switch position.

Locking Volume to AV1, AV2 or TV

1. Slide the **MODE** switch to the **AV1**, **AV2** or **TV** position to lock the volume.
2. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the selected switch flashes twice, then release both keys.
3. Using the number keys, enter **9-9-3**. (The green light flashes twice.)
4. Press and release the **SELECT** key. (The green light flashes twice.)

NOTE: DIRECTV® Receivers don't have volume control, so the remote will not allow the user to lock volume to the DIRECTV mode.

ACTIVATING AND DEACTIVATING THE RF TRANSMITTER

Your DIRECTV Remote Control features RF (radio frequency) capability. When you activate the RF feature of your remote control, you can control your DIRECTV Receiver from anywhere in your home. You do not need to be within the line of sight of your receiver to control it.

NOTE: Not all DIRECTV Receivers are RF-capable. Also, some RF-capable DIRECTV Receivers include integrated RF antennas and do not require an external antenna. If your receiver requires the external RF antenna, before activating the RF transmitter, locate the RF antenna included with your remote control and insert it into the RF remote antenna coaxial connector on the back of your DIRECTV Receiver.

Activating the RF Transmitter

To activate the RF transmitter on your DIRECTV Remote Control, perform the following steps:

1. Locate the 12 digit Receiver ID (RID) number of your DIRECTV Receiver. You can find the RID number on the back panel of your receiver, or inside the CAM access door next to the reset button.

2. Write down the last six digits of the RID number.
3. Slide the mode switch to **DIRECTV, AV1**, or **AV2**.
4. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the selected switch flashes twice, then release both keys.
5. Using the number keys, enter **9 6 1**. (The green light flashes twice.)
6. Press and release **CHAN▲**. (The green light flashes twice.)
7. Using the number keys, enter the last six digits of the RID number. (See step 2 above.)
8. Press and release the **SELECT** key. (The green light flashes twice.)

Deactivating the RF Transmitter

To deactivate the RF transmitter on your DIRECTV Remote Control, perform the following steps:

1. Slide the mode switch to **DIRECTV, AV1**, or **AV2**.
2. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the selected switch flashes twice, then release both keys.
3. Using the number keys, enter **9 6 1**. (The green light flashes twice.)
4. Press and release **CHAN▼**. (The green light flashes four times.)

The RF transmitter on your remote control is now deactivated. To reactivate the RF transmitter, See “Activating the RF Transmitter” above.

RESTORING FACTORY DEFAULT SETTINGS

To reset all the functions of the remote control to the factory defaults (the original, out-of-the-box settings), follow these steps:

1. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light flashes twice, then release both keys.
2. Using the number keys, enter **9-8-1**. (The green light flashes 4 times.)

TROUBLESHOOTING

PROBLEM: Light at the top of the remote blinks when you press a key, but the component does not respond.

SOLUTION 1: Try replacing the batteries (see page 7).

SOLUTION 2: Make sure you are aiming the DIRECTV® Universal Remote Control at your home entertainment component and that you are within 15 feet of the component you are trying to control.

PROBLEM: The DIRECTV Universal Remote Control does not control component or commands are not recognized properly.

SOLUTION: Try all listed codes for the device brand being set up. Make sure all components can be operated with an infrared remote control.

PROBLEM: TV/VCR combo does not respond properly.

SOLUTION: Use the VCR codes for your brand. Some combo units may require both a TV code and a VCR code for full operation (see page 18).

PROBLEM: **CHAN▲**, **CHAN▼**, and **PREV** do not work for your RCA TV.

SOLUTION: Due to RCA design for certain models (1983-1987), only the original remote control will operate these functions.

PROBLEM: Changing channels does not work properly.

SOLUTION: If original remote control required pressing **ENTER** to change channels, press **ENTER** on the DIRECTV Universal remote control after entering a channel number.

PROBLEM: Remote control does not turn on Sony or Sharp TV/VCR Combo.

SOLUTION: For power on, these products require setting up TV codes on the remote control. For Sony, use TV code 10000 and VCR code 20032. For Sharp, use TV code 10093 and VCR code 20048. (See “Controlling Other Components” on page 19.)

DIRECTV SETUP CODES

Setup Codes for DIRECTV® Receivers

DIRECTV all models	00001, 00002
Hughes Network Systems (most models)	00749
Hughes Network Systems models GAEB0, GAEB0A, GCB0, GCEB0A, HBH-SA, HAH-SA	01749
GE models GRD33G2A and GRD33G3A, GRD122GW	00566
Philips models DSX5500 and DSX5400	00099
Proscan models PRD8630A and PRD8650B	00566
RCA models DRD102RW, DRD203RW, DRD301RA, DRD302RA, DRD303RA, DRD403RA, DRD703RA, DRD502RB, DRD 503RB, DRD505RB, DRD515RB, DRD523RB, and DRD705RB	00566
DRD440RE, DRD460RE, DRD480RE, DRD430RG, DRD431RG, DRD450RG, DRD451RG, DRD485RG, DRD486RG, DRD430RGA, DRD450RGA, DRD485RGA, DRD435RH, DRD455RH, and DRD486RH	00392
Samsung model SIR-S60W	01109
Samsung models SIR-S70, SIR-S75, SIR-S300W, and SIR-S310W	01108
Sony models (All models except TiVo and Ultimate TV)	01639

Setup Codes for DIRECTV® HD Receivers

DIRECTV all models	00001, 00002
Hitachi model 61HDX98B	00819
HNS models HIRD-E8, HTL-HD	01750
LG model LSS-3200A, HTL-HD	01750
Mitsubishi model SR-HD5	01749, 00749
Philips model DSHD800R	01749
Proscan model PSHD105	00392
RCA models DTC-100, DTC-210	00392
Samsung model SIR-TS360	01609
Samsung models SIR-TS160	01276

Sony models SAT-HD100, 200, 300 01639

Toshiba models DST-3000, DST-3100, DW65X91 01749, 01285

Zenith models DTV1080, HD-SAT520 01856

Setup Codes for DIRECTV® DVRs

DIRECTV all models 00001, 00002

HNS models SD-DVR80, SD-DV40, SD-DVR120, HDVR2, GXCEBOT, GXCEBOTD 01442

Philips models DSR704, DSR708, DSR6000, DSR600R, DRS700/17 01142, 01442

RCA models DWD490RE, DWD496RG 01392

RCA models DVR39, 40, 80, 120 01442

Sony model SAT-T60 00639

Sony model SAT-W60 01640

Samsung models SIR-S4040R, SIR-S4080R, SIR-S4120R 01442

SETUP CODES, OTHER DEVICES

Setup Codes For Television

3M 11616

Abex 10032

Accurian 11803

Action 10873

Admiral 10093, 10463, 10179

Advent 10761, 10783, 10815, 10817, 10842, 11933

Affinity 13716, 13717

Aiko 10092, 11579

Aiwa 10032, 10701, 11362

Akai 10812, 10702, 11675, 10765, 10030, 10672, 11207, 11385, 11676, 11688, 11689, 11690, 11692, 11693, 11903, 11935

Akawa 13391

Alaron 10179

Albatron 10700, 10843

Alfide 10672

America Action 10180

Anam 10180

Anthem 11633

AOC 11589, 12087, 10030, 10185, 11089, 11365, 11590, 12014, 12402, 12479

Aomni 11623

Apex Digital 12397, 10748, 10879, 10765, 10767, 11217, 11943, 11991, 11992

Astar 11531, 11548, 11738

Asus 13340

Atvio	13636, 13638, 13653, 13654, 13657
Audinac	10180
Audiovox	11564, 10451, 10180, 10092, 12413, 12121, 11952, 11951, 11937, 11868, 11865, 11803, 11769, 11766, 11284, 11276, 10875, 10846, 10802, 10623
Auria	12087, 12277
Aventura	10171
Axion	11937
Baysonic	10180
Bell & Howell	10154
BenQ	11032, 11212, 11315
Berkshire	10047
BGH	10876
Blu:sens	12735
Blue Light	13655
Blue Sky	11254, 12153
Boigle	11696
Boxlight	10893
Bradford	10180
Brillian	11007, 11255, 11257, 11258
Britânia	12414
Broksonic	10236, 10463, 11911, 11929, 11935, 11938
Byd:sign	11309
C&M	10700
Cadia	11283
Candle	10030, 10056, 10186
Carnivale	10030
Carver	10054
Casio	11205
CCE	10329, 10623
Celebrity	10000
Celera	10765
Champion	11362
Changhong	10765
Cinego	11986
Cineral	10451, 10092
Citizen	10060, 10030, 10092, 10039, 10056, 10186, 10280, 11935
Clairtone	10185
Clarion	10180
Coby	13478, 12306, 12314, 12315, 12338, 12340, 12344, 12345, 12347, 12348, 12351, 12560, 13627, 13629
Commercial Solutions	11447, 10047
Concerto	10056
Contec	10180, 10185
Continental	12357
Coradir	12844
Craig	10180, 13423
Crosley	10054, 10000
Crown	10180, 10039, 10672
Crown Mustang	10672
CTX	10700
Curtis	12397, 11326, 12352, 12466, 12855, 13228, 13577

Curtis Mathes	10702, 10054, 10093, 10060, 10047, 10154, 10451, 10030, 10145, 10166, 11661, 10056, 10466, 10039, 10747, 11147, 11347, 11959
CXC	10180
CyberHome	10794
Cytron	11326
Daewoo	10154, 10451, 10092, 11661, 10039, 10623, 10661, 10672
Daytek	13651
Dell	11178, 11264, 11080, 11403, 11863
Denon	10145
Denstar	10628
Diamond Vision	11996, 11997
Digital Lifestyles	11765
Digital Projection Inc.	11725
DirecTV	11501
Disney	11665, 11892, 12152
Dumont	10017
Durabrand	10178, 10171, 10463, 10180, 11034, 11665
Dwin	10720, 10747, 10774
Dynex	12049, 11463, 11785, 12184, 12288
Electric Mirror	13166
Electroband	10000, 10185
Electrograph	11755, 11623
Electrohome	10463, 10409, 11670
Elektra	10017, 11661
Element	11886, 11687, 12183, 12964, 13559
Elite	11457
Emerson	11864, 11394, 11886, 10178, 10171, 10154, 10451, 10236, 10463, 10180, 11661, 11911, 11929, 11944, 11963, 11997, 12183, 11665, 10623, 10282, 10280, 10270, 10185, 10179, 10039
Emprex	11422, 11546, 11765
Encross	10876
Envision	11589, 12087, 10030, 10813, 11365, 12014
Epson	10833, 10840, 11122, 11290
ESA	10812, 10171, 11944, 11963
Fair Mate	11326
Fisher	10154, 11362
Fluid	12964
Fujitsu	10809, 10179, 10186, 10683, 10853
Funai	10000, 10171, 10180, 10179, 11271, 11904, 11963
Futuretech	10180
Gateway	11756, 11755
GE	11447, 10178, 10047, 10051, 10451, 10765, 10251, 10279, 10282, 10747, 11347, 11547, 11917, 11922
GFM	11864, 11886, 10171, 11665, 11963
Gibraltar	10017, 10030
Go Video	10886
GoldStar	10178, 10030, 10032, 10039, 10056, 10409, 11926

GPX	10179, 12617, 13402
Gradiente	10053, 10056, 10392, 11804
Grundig	10672, 10683
Grunpy	10180, 10179
H & B	11366
H-Buster	13620
Haier	11749, 11748, 11034, 10768, 12293, 12309, 13382
Hallmark	10178
Hannspree	11348, 11351, 11352, 11745, 12786
Harley Davidson	10179, 11904
Harman/Kardon	10054
Harvard	10180
Havermy	10093
Helios	10865
Hello Kitty	10451
Hewlett Packard	11088, 11089, 11101, 11502
Hikato	10628
Himitsu	10180, 10628
Hisense	10748, 11314, 12098, 12183, 12355, 12419
Hitachi	11643, 11459, 11445, 11145, 10145, 12433, 12431, 12215, 11960, 11904, 11345, 11045, 10797, 10679, 10409, 10279, 10056, 10039, 10032
Hitech	11814
Humax	11501
Hyundai	10849, 11219, 11294, 11814, 13418
I-Inc	11746
iLo	11394, 11463, 11286, 11603, 11665, 11684, 11990
Infinity	10054
InFocus	11366, 11430
Initial	11603, 11990
Insignia	12049, 11423, 11564, 10171, 10463, 12751, 12432, 12184, 12088, 12002, 11963, 11892, 11785, 11641, 11517, 11385, 11326, 11204, 10842
Inteq	10017
IRT	10451, 11661, 10628
iSymphony	13094, 13382
IX	10877
JBL	10054
JCB	10000
JCM	12256
Jensen	10761, 10815, 10817, 11299, 11326, 11933
JVC	11601, 12271, 10650, 11774, 10463, 10053, 10160, 10731, 11253, 11302, 11352, 11633, 11670, 11923, 12321, 13650
KDS	11498, 11687
KEC	10180
Ken Brown	11321
Kenwood	10030
Kioto	10054, 10706, 10628
KLH	10765, 10767, 11962

Konka	10628, 10632, 10638, 10707, 11385, 11939, 11940
Kost	11262, 11483
Kreisen	10876
KTV	10180, 10030, 10039, 10185, 10280
Lexus	13638, 13654, 13657
LG	11423, 12358, 12731, 12424, 11178, 12834, 10178, 10017, 10030, 10056, 10700, 10856, 11325, 11993
LiteOn	11088
Lloyd's	11904
LodgingStar	13147
Luxman	10056
LXI	10156, 10054, 10178, 10047, 10154, 10148, 10747
M&S	10054, 10236
MAG	11498, 11687
Magnavox	11867, 11454, 12597, 12372, 11755, 10054, 10171, 10051, 10030, 10706, 10802, 11198, 11254, 11365, 11525, 10386, 10186, 11904, 11931, 11944, 11963, 11990, 10179
Marantz	11454, 10054, 10030, 10704, 10854, 10855, 11154, 11398, 11714
Matsushita	10250, 10650
Maxent	11755, 10762, 11211, 11714, 11757
MB Quart	11868
Megapower	10700
Megatron	10178, 10145
MEI	10185
Memorex	10178, 10154, 10463, 10150, 10179, 10877, 11665, 11670, 11785, 11892, 11903, 11911, 11926, 11927, 11938
MGA	10178, 10150, 10030
Micro	11436
Midland	10047, 10017, 10051, 10032, 10039, 10747
Mintek	11603, 11990
Miray	13309, 13321, 13322
Mitsubishi	11250, 10093, 10178, 10150, 10358, 10836, 10868, 11522, 11797, 11917
Mitsui	13638, 13652, 13654, 13656, 13657, 13658, 13673
Monivision	10700, 10843
Motorola	10093, 10835
Moxell	10835
MTC	10060, 10030, 10056, 10185
Multitech	10180
NAD	10156, 11156, 10178, 10056, 10866
Nakamichi	11493
Naoki	12357
Naxa	12104, 12735, 13154, 13382
NEC	10030, 10056, 10497, 10704, 10876, 10882, 11398, 11704, 11797, 12293
NetTV	11755, 10762
NEX	11814
Nexus Electronics	12183

Nikko	10178, 10030, 10092
Niko	11581, 11618
Nimbro	12104
Noblex	10154, 10430, 11362
Norcent	11589, 10748, 10824, 11089, 11365, 11590, 11591, 11745, 12110
Norwood Micro	11286, 11296, 11303
NTC	10092
NuVision	11657, 12158
Ölevia	11610, 11144, 11240, 11331
Olympus	11342
Onwa	10180
Optimus	10250, 10650, 10154, 10166, 11927
Optoma	10887, 11348, 11622, 11674
Optonica	10093, 10165
Orion	10236, 10463, 11463, 10179, 11911, 11929, 11938
Panasonic	11480, 10250, 11291, 10650, 10051, 11271, 11290, 11310, 11927, 11941, 11946, 11947
PARK	12104
Penney	10156, 10178, 10060, 10047, 10051, 10030, 10032, 10039, 10747, 11347, 11926
Philco	11394, 10054, 10171, 10463, 10030, 10145, 11661, 10179, 10786, 11029, 11271, 11665, 11911, 11963, 12414, 13022, 13426, 13427
Philips	11867, 11454, 12374, 11744, 12597, 12372, 11394, 10054, 10171, 10690, 11154, 11365, 11483, 11944, 11961, 11990
Pilot	10030, 10039
Pioneer	11457, 10166, 10679, 10866, 11260, 11398, 11633
Planar	11589, 11288, 11496
Polaroid	11523, 11498, 10765, 12425, 12121, 12117, 12063, 12002, 11992, 11991, 11962, 11769, 11767, 11766, 11763, 11687, 10865, 11385, 11341, 11328, 11327, 11326, 11316, 11314, 11286, 11276, 11262
Portland	10451, 10092, 11661, 10039
Prima	11749, 10761, 10783, 10815, 10817, 11785, 11933
Princeton	10700, 10717
Prism	10051
Proscan	11447, 10047, 10030, 10466, 10747, 11347, 11922, 12147, 12183, 12256, 13577
Proton	10178, 10466
Prottron	11320
Proview	11498, 10835, 11401, 11687
Proxima	11430
Pulsar	10017
Puneet	11546
Pyle	12196

Quasar	10250, 11291, 10650, 10051, 10165, 11927
RadioShack	10178, 10047, 10154, 10180, 10030, 10032, 10039, 10056, 10165, 10409, 10747, 11904
RCA	11447, 12434, 12746, 12932, 12247, 12187, 10093, 10060, 10047, 10051, 11661, 11953, 11958, 11959, 12002, 12403, 12429, 12855, 13147, 13577, 11922, 11917, 11781, 11547, 11385, 11347, 11247, 11147, 11047, 10774, 10747, 10679, 10278, 10090
Realistic	10178, 10154, 10180, 10030, 10032, 10039, 10056, 10165
Recco	10706
RevolutionHD	11623
Rhapsody	10185
Runco	10017, 10030, 10251, 10497, 11292, 11397, 11398, 11628, 11629, 11638, 11679
Sampo	11755, 10030, 10032, 10039, 10762
Samsung	12051, 10812, 11632, 10702, 11249, 10650, 10178, 10060, 10030, 12557, 11959, 11903, 11618, 11395, 11060, 10814, 10766, 10587, 10427, 10329, 10056, 10039, 10032
Samsux	10039
Sansei	10451
Sansui	10171, 10463, 11463, 10165, 11409, 11670, 11892, 11904, 11911, 11929, 11935, 11938, 13377, 13540, 13564
Sanyo	11142, 10054, 10154, 10088, 10799, 10893, 11362
Sceptre	10878, 11217, 11360, 11599, 12337, 12506
Scotch	10178
Scott	10178, 10236, 10180, 10179, 11711
Sears	10156, 10054, 10178, 10047, 10171, 10154, 10056, 10148, 10179, 10747, 11007, 11904, 11926
Seiki	10178, 12964, 13559, 13560
Seleco	11351
Semivox	10180
Semp Toshiba	10156, 11356, 11743
Sens	11865
Sharp	12360, 10818, 10688, 10491, 11459, 10093, 10039, 10153, 10165, 10386, 10720, 10851, 10854, 11393, 11917, 12402
Sheng Chia	10093
Sherwood	11399, 13061
Sigmac	13423, 13477
Signature	10054
Signet	11262
Simpson	10186
Solé	11366, 11483, 11623
Sony	10810, 10000, 10834, 11300, 11317,

	11685, 11904, 11925
Soundesign	10178, 10180, 10179, 10186
Sova	11320, 11952
Soyo	11546, 11746, 11824, 11826
Space Tek	11696
Spectroniq	11498, 11687
Squareview	10171
SSS	10180
Starlite	10180
Studio Experience	10843
SunBriteTV	11610, 12337
Superscan	10864, 10093, 11944
Supersonic	12104, 13154
Supreme	10000
SVA	10748, 10587, 10768, 10865, 10870, 10871, 10872, 11963
Sylvania	11864, 11394, 11886, 10054, 10171, 10030, 10587, 11271, 11314, 11665, 11931, 11944, 11963
Symphonic	11394, 10171, 10180, 11904, 11944
Syntax	11610, 11144, 11240, 11331
Tandy	10093
Tatung	11756, 11101, 11285, 11286, 11287, 11288, 11303, 11361
TCL	12434, 12403, 12414, 12429
Technics	10250, 10051
Technol Ace	10179
Techview	10847, 12004
Techwood	10051, 10056
Teknika	10054, 10060, 10180, 10150, 10092, 10039, 10056, 10179, 10186
Telefunken	10702, 10056
Thomas	11904
TMK	10178, 10056
TNCi	10017
Tophouse	10180
Tosaki	12357
Toshiba	11524, 11656, 10156, 11156, 10822, 11256, 11936, 12006, 10650, 10093, 10060, 10154, 11959, 11945, 12724, 11935, 11918, 11743, 11704, 11369, 11356, 11343, 11325, 11306, 10845, 10832
Toshinaer	13576
Tosonic	10185
Totevision	10039
TruTech	11665, 11723, 12066
TVS	10463
US Logic	11286, 11303
Vector Research	10030
Venturer	1865, 11868
VEOS	11007
Victor	10053
Vidikron	10054, 10242, 11292, 11302, 11397, 11398, 11628, 11629, 11633
Vidtech	10178
Viewsonic	12049, 10864, 11755, 11564, 12087,

	12277, 12014, 11742, 11640, 11627, 11578, 11365, 11342, 11330, 10885, 10857, 10797
Viore	11207, 11684, 11811, 12104, 12352, 13094, 13382
Visart	11336
VisionQuest	13380
Vito	11320
Vivitek	11369
VIZIO	11758, 13758, 12757, 12707, 13358, 10864, 11756, 10885, 11499
Vuon	13418
Wards	10156, 11156, 10054, 10000, 10178, 10060, 10047, 10154, 10017, 10051, 10180, 10030, 10056, 10165, 10179, 10186, 10866, 11147, 11347
Waycon	10156
Westinghouse	11712, 13470, 13579, 10451, 10885, 10889, 11217, 11282, 11300, 11577, 12293, 13094, 13382
White Westinghouse	10463, 11661, 10623
WinBook	11381
Wyse	11365
Yamaha	10030, 10769, 10797, 10833, 10839, 11522
Zenith	11423, 12358, 12731, 10000, 10178, 10047, 10017, 10463, 10030, 11145, 10145, 10092, 11661, 10160, 11325, 11365, 11904, 11911, 11929

Setup Codes for TV/DVD Combos

Controlled by TV

Accurian	11803
Advent	11933
Affinity	13717
Akai	11675, 11935
Apex Digital	11943, 11991
Audiovox	11766, 11865, 11868, 11937, 11951, 11952, 12413
Axion	11937
Blu:sens	12735
Blue Sky	12153
Boigle	11696
Broksonic	11935
Cinego	11986
Citizen	11935
Coby	12314, 12315, 12340, 12344, 12347, 12351, 12560, 13627
Coradir	12844
Curtis	12466, 12855
Daytek	13651
Diamond Vision	11997
Disney	12152
Dynex	12049, 12184
Electrohome	11670
Emerson	11864, 11394, 11886, 11963, 11997
ESA	11963

Funai	11963
GFM	11963
GPX	12617
Haier	11748, 12309
Hitachi	11960
iLo	11990
Initial	11990
Insignia	12049, 11963, 12002, 12751
iSymphony	13094
Jensen	11933
JVC	12271, 11774, 11670
KLH	11962
Konka	11939, 11940
LG	11423, 11993
Magnavox	12372, 11944, 11963, 11990
Maxent	11714
Memorex	11670
Mintek	11603, 11990
Naxa	12104, 13382
Nimbro	12104
Panasonic	11927, 11941, 11947
Philips	12372, 11394, 11961
Polaroid	11523, 11766, 11769, 11962, 11991, 12002
Prima	11933
Proscan	12256
Pyle	12196
RCA	11447, 12746, 12932, 12187, 11958, 12002
Samsung	11903
Sansui	11670, 11935, 13377, 13564
Sens	11865
Sharp	12360, 10818
Sova	11952
Supersonic	12104
Sylvania	11864, 11394, 11886, 11963
Techview	12004
Toshiba	11524, 11256, 12006, 11935
TruTech	12066
Venturer	11865
Viewsonic	12049, 10864
Viore	11811, 12104, 12352, 13094, 13382
VisionQuest	13380
Westinghouse	11712, 11300

Setup Codes for TV/DVD Combos

Controlled by DVD

Coby	21177
Emerson	20675
Sylvania	20675
Toshiba	21515

Setup Codes for TV/VCR Combos

Controlled by TV

America Action	10180
Audiovox	10180
Broksonic	11911, 11929

Curtis Mathes	11959
Emerson	10236, 11911, 11929
Funai	11904
GE	10047, 11917, 11922
GoldStar	11926
Gradiente	11804
Harley Davidson	11904
Hitachi	11904
JVC	11253, 11923
Lloyd's	11904
Magnavox	12597, 11904, 11931
Memorex	11926, 11927
Mitsubishi	11917
Optimus	11927
Orion	11911, 11929
Panasonic	10051, 11927, 11947
Penney	11926
Philips	12597
Quasar	11927
RadioShack	11904
RCA	10047, 11147, 11917, 11922, 11959
Samsung	11959
Sansui	11904, 11911, 11929
Sears	11904, 11926
Sharp	10093
Sony	10000, 11904, 11925
Sylvania	11931
Symphonic	11904
Thomas America	11904
Toshiba	11936, 12006, 11918, 11945, 11959
Zenith	10017, 11904, 11911, 11929

Setup Codes for TV/VCR Combos Controlled by VCR

America Action	20278
Audiovox	20278
Broksonic	20002, 20479
Colt	20072
Emerson	20002, 20479, 20593
Funai	20000
GE	20240
Gradiente	21137
Harley Davidson	20000
Hitachi	20000, 20593
Lloyd's	20000
Magnasonic	20593
Magnavox	20000, 20593
Magnin	20240
Memorex	20162, 21162, 21262
MGA	20240
Optimus	20162, 20593, 21162, 21262
Orion	20002, 20479
Panasonic	20035, 20162, 21162, 21262
Penney	20240
Philco	20479
Quasar	20162, 21162, 21262
RadioShack	20000

RCA	20240
Samsung	20432
Sansui	20000, 20479
Sanyo	20240
Sears	20000
Sony	20000
Sylvania	20593
Symphonic	20000, 20593
Thomas America	20000
Zenith	20000, 20479

Setup Codes For Video - VCR

ABS	21972
Accurian	20000
Admiral	20048, 20209, 20479
Adventura	20000
Aiko	20278
Aiwa	20037, 20000, 20124
Alienware	21972
Allegro	20039, 21137
America Action	20278
American High	20035
Asha	20240
Audiovox	20037, 20278
Beaumark	20240
Bell & Howell	20104
Broksonic	20184, 20121, 20209, 20002, 20479
Calix	20037
Canon	20035
Carver	20081
CCE	20072, 20278
Cineral	20278
CineVision	21137
Citizen	20037, 20278
Colt	20072
Craig	20037, 20047, 20240, 20072
Crosley	20081, 20000
Curtis Mathes	20060, 20035, 20162, 20240, 20278
Cybernex	20240
CyberPower	21972
Daewoo	20045, 20278, 21137
Dell	21972
Denon	20042
DirecTV	20739
Durabrand	20039, 20038
Dynatech	20000
Electrohome	20037, 20043
Electrophonic	20037
Emerex	20032
Emerson	20037, 20184, 20000, 20121, 20043, 20209, 20002, 20278, 20479, 20593, 21593
ESA	21137
Fisher	20047, 20104
Fuji	20035, 20033
Funai	20000, 20593, 21593
Garrard	20000

Gateway	21972
GE	20060, 20035, 20240
GFM	21593
Go Video	20240, 20432, 20614, 21137
GoldStar	20037, 20038, 21137
Gradiente	20000, 21137
Harley Davidson	20000
Harman/Kardon	20081, 20038
Harwood	20072
Hewlett Packard	21972
HI-Q	20047
Hitachi	20000, 20042, 20089, 20593
Howard Computers	21972
Hughes Network Systems	20042
Humax	20739
Hush	21972
iBUYPOWER	21972
Instant Replay	20035
JVC	20067
KEC	20037, 20278
Kenwood	20067, 20038
KLH	20072
Kodak	20035, 20037
LG	20037, 21137
Linksys	21972
Lloyd's	20000
Logik	20072
LXI	20037
Magnasonic	20593
Magnavox	20035, 20039, 20081, 20000, 20563, 20593, 21593
Magnin	20240
Marantz	20035, 20081
Marta	20037
Matsushita	20035, 20162, 21162
Media Center PC	21972
MEI	20035
Memorex	20035, 20162, 20037, 20048, 20039, 20047, 20240, 20000, 20104, 20209, 20479, 21162, 21262
MGA	20240, 20043
MGN Technology	20240
Microsoft	21972
Mind	21972
Minolta	20042
Mitsubishi	20067, 20043
Motorola	20035, 20048
MTC	20240, 20000
Multitech	20000, 20072
NEC	20104, 20067, 20038
Nikko	20037
Niveus Media	21972
Noblex	20240
Northgate	21972
Olympus	20035
Optimus	21062, 20162, 20037, 20048, 20104, 20432, 20593, 21048,

	21162, 21262
Orion	20184, 20209, 20002, 20479
Panasonic	21062, 20035, 20162, 20225, 20614, 20616, 21162, 21262
Penney	20035, 20037, 20240, 20042, 20038
Pentax	20042
Philco	20035, 20209, 20479
Philips	20739, 20035, 20081, 20618, 21081, 21181
Pilot	20037
Pioneer	20067, 21337
Polk Audio	20081
Portland	20278
Presidian	21593
Profitronic	20240
Proscan	20060
Protech	20072
Pulsar	20039
Quasar	20035, 20162, 21162, 21262
RadioShack	20000
Radix	20037
Randex	20037
RCA	20060, 20035, 20240, 20042, 20880
Realistic	20035, 20037, 20048, 20047, 20000, 20104
ReplayTV	20614, 20616
Ricavision	21972
Rio	21137
Runco	20039
Samsung	20240, 20045, 20432
Sanky	20048, 20039
Sansui	20000, 20067, 20209, 20479
Sanyo	20047, 20240, 20104
Sceptre	20104
Scott	20184, 20045, 20121, 20043
Sears	20035, 20037, 20047, 20000, 20042, 20104
Semp Toshiba	20045
Sharp	20048, 20848
Shintom	20072
Shogun	20240
Signature	20035
Singer	20072
Sonic Blue	20614, 20616, 21137
Sony	20032, 20035, 20033, 20000, 20636, 21032, 21972
Stack 9	21972
STS	20042
Sylvania	20035, 20081, 20000, 20043, 20593, 21593
Symphonic	20000, 20593, 21593
Systemax	21972
Tagar Systems	21972
Tashiko	20037
Teac	20000
Technics	20035, 20162
Teknika	20035, 20037, 20000

Thomas	20000
TiVo	20739, 20618, 20636, 21996
TMK	20240
Toshiba	20045, 20043, 20209, 21008, 21972, 21996
Totevision	20037, 20240
Touch	21972
Unitech	20240
Vector	20045
Vector Research	20038
Video Concepts	20045
Videomagic	20037
Videosonic	20240
Viewsonic	21972
Villain	20000
Voodoo	21972
Wards	20060, 20035, 20048, 20039, 20047, 20081, 20033, 20240, 20045, 20000, 20042, 20072, 20038
White Westinghouse	20209, 20072
XR-1000	20035, 20000, 20072
Yamaha	20038
Zenith	20037, 20039, 20033, 20000, 20209, 20479, 21137, 21139
ZT Group	21972

Setup Codes for Satellite Set-top Boxes

Crossdigital	01109
DirecTV	00001, 00392, 00566, 00639, 01639, 01142, 00247, 00749, 01749, 00724, 00819, 01856, 01076, 01108, 00099, 01109, 00007, 00006, 00005, 00008, 01750, 01708, 01640, 01609, 01442, 01414, 01392, 00004, 00003, 00002
GE	00566
General Instrument	00869
Hitachi	00819
Hughes Network Systems	01142, 00749, 01749, 01442, 01750
Jerrold	00869
LG	01414, 01750
Magnavox	00724
Memorex	00724
Mitsubishi	00749
Motorola	00869, 00856
Next Level	00869
Panasonic	00247, 00701
Paysat	00724
Philips	01142, 00749, 01749, 00724, 01076, 00099, 01442

Proscan	00392, 00566
RadioShack	00869
RCA	00392, 00566, 00855, 00143, 01392
Samsung	00001, 01142, 01276, 01108, 01109, 01442, 01609, 01708
Sony	00639, 01639, 01640
Star Choice	00869
Tivo	01142, 01442
Toshiba	00749, 01749, 00790, 01285
UltimateTV	01392, 01640
Uniden	00724
Voom	00869
Zenith	01856

Setup Codes for Satellite Set-top Box/PVR Combos

DirecTV	00001, 00392, 00639, 01142, 01076, 00099, 00002, 00003, 00004, 01392, 01442, 01640, 00005, 00006, 00007, 00008
Hughes Network Systems	01142, 01442
Motorola	00869
Philips	01142, 01442
Proscan	00392
RCA	01392
Samsung	01442
Sony	00639, 01640
Star Choice	00869
Tivo	01142, 01442

Setup Codes For Video - DVD

Accurian	20675, 21416
Adcom	21094
Aiwa	20641
Akai	20770, 21089
Alco	20790
Allegro	20869
AMW	20872, 21245
Anthem	22820
Apex Digital	20672, 20717, 20755, 20794, 20795, 20796, 20797, 21004, 21020, 21056, 21061
Arrgo	21023
Aspire Digital	21168, 21407
Astar	21489, 21678, 21679
Audio Authority	22555
Audiovox	20717, 20790
Avayon	22131
B & K	20655, 20662
BBK	21224
Bel Canto Design	21571
Blaupunkt	20717

Blue Parade	20571
Bose	21895, 22520
Broksonic	20868, 21419
California Audio Labs	20490
Cambridge Audio	22808
Cambridge Soundworks	20690
Cary Audio Design	21477
Centrios	21577
Cinea	20831
Cinematrix	21052
CineVision	20876, 20833, 20869, 21483
Citizen	21277
Coby	20778, 20852, 21086, 21107, 21165, 21177, 21351, 22494
Craig	20831
Curtis	22235
Curtis Mathes	21087
CyberHome	20816, 20874, 21023, 21024, 21117, 21129, 21502, 21537
D-Vision	21173
Daewoo	20784, 20705, 20770, 20833, 20869, 21169, 21172, 21234, 21242, 21441, 21443
Daytek	20872
Denon	20490, 22258, 21634
Desay	21407, 21455
Diamond Vision	21316, 21609
DigitalMax	21738
Digix	22464
DIGIXmedia	21272
Disney	20675, 21270, 23246
Dual	21068, 21085
Durabrand	21023, 21127, 22164
DVD2000	20521
Dynex	22596
Emerson	20675, 20591, 20821, 22213
Encore	21374
Enterprise	20591
ESA	20821, 21443
Fisher	20670
Funai	20675, 21334
Gateway	21073, 21158, 21194
GE	20522, 20815, 20717
Genica	20750
GFM	20675
Go Video	21075, 20741, 20744, 20715, 20783, 20833, 20869, 21044, 21099, 21144, 21158, 21304, 21443, 21483, 21730
GoldStar	20741, 20869
GPX	20699, 20769, 22164, 22235
Greenhill	20717
Grundig	20539, 20705
Haier	22164
Harman/Kardon	20582, 20702, 21229, 22927
Helios	22080
Hello Kitty	20831
Hitachi	20573, 20664

Hiteker	20672
Humax	21500, 21588
iLo	21348
Initial	20717
Innovative Technology	21542
Insignia	20675, 20741, 22596, 22095, 22428
Integra	22147, 20627, 20571, 21769, 21634
Irradio	20646
IRT	20783
Jaton	21078
JBL	20702
JSI	21423
JVC	22365, 21164, 20623, 21602, 20558, 20867, 21550
jWin	21049, 21051
Kawasaki	20790
Kenwood	20490, 20534, 20682
KLH	20717, 20790, 21020, 21149
Konka	20711
Koss	20896, 21423
Kreisen	21421
Krell	21498
Lafayette	21369
Lasonic	20798, 21173
Lenoxx	21127
Lexicon	20671, 22545
LG	20741, 21602, 20591, 20801, 20869, 22189
LiteOn	21058, 21158, 21416, 21440, 21656, 21738
Loewe	20511
Logitech	22639
Magnavox	20539, 20503, 20675, 20646, 20821, 21177, 21354, 21506
Malata	20782, 21159
Marantz	20539, 22414, 22481, 23444
McIntosh	21533, 21273, 21373
Memorex	20831, 21270, 22213, 22331, 23153
Meridian	21497
Microsoft	20522, 22083, 21708
Mintek	20839, 20717
Mitsubishi	21521, 20521
MixSonic	21130
Momitsu	21082
NAD	20741, 20692, 22572
Nakamichi	21222
Naxa	22235
NEC	20785
Nesa	20717
NeuNeo	21454
NexxTech	21402
Norcent	21003, 20872, 21107, 21265, 21457
Nova	21517, 21518, 21519
Ölevia	22331
Onkyo	22147, 21627, 20627, 20503, 21769, 20792, 21612

Oppo	20575, 21224, 22545
OptoMedia Electronics	20896
Panasonic	21641, 20490, 23641, 21579, 20503, 20632, 20703, 21362, 21462, 21762
Philco	20675, 20690, 20733, 20790, 20862
Philips	22056, 20539, 22434, 22084, 20503, 20675, 20646, 20671, 21158, 21267, 21340, 21354, 21506
PianoDisc	21024
Pioneer	20142, 22442, 21571, 20571, 20525, 20631, 20632, 21460, 21512
Polaroid	21020, 21061, 21086, 21245, 21316, 21478, 22130
Polk Audio	20539
Portland	20770
Presidian	20675, 21738
Primare	21467
Pro Vision	20778
Proceed	20672
Proscan	20522
RCA	20522, 20571, 21769, 20717, 20790, 20822, 21132, 21500, 22213, 22587
RE-BL	22555
Recco	20698
Rio	20869
RJTech	21360
Rotel	20623, 21178
Rowa	20823
Royal	20690
Sampo	20698, 20752, 21501
Samsung	20199, 20573, 22069, 21075, 22369, 22329, 20490, 20744, 20298, 21044, 21470, 22489, 22556, 22846
Sansui	20868
Sanyo	20670, 20873
Schneider	20646
Semp Toshiba	20503
Sensory Science	21158
Sharp	20675, 22250, 20630, 20752, 21256, 21419
Sharper Image	21117
Sherwood	20633, 20770, 21043, 23052, 23925
Shinsonic	20533, 20839
SilverCrest	21368
Sonic Blue	20869, 21099
Sony	21516, 21633, 21533, 20533, 21070, 20864, 20772, 20862, 21033, 21431, 21432, 21433, 21548, 22020, 22132
Sungale	21074, 21342, 21532
Superscan	20821
SVA	20860, 21105
Sylvania	20675, 20821
Symphonic	20675, 20821
TCL	22587
Teac	20758, 20790, 20809
Technics	20490, 20703
Technosonic	20730

Techwood	20692
Terapin	21031, 21166
Theta Digital	20571
TiVo	21503
Toshiba	20503, 22705, 23157, 22277, 21769, 21154, 21503, 21510, 21515, 21588, 22006
Tredex	20800, 20803, 20804
TYT	20705
Urban Concepts	20503
US Logic	20839
Venturer	20790
Vialta	21509
Viewmage	21374
Viore	22553
VIZIO	21064, 21226, 22563
Vocopro	21360
Vtrek	22587
WB Electronics	22555
Wintel	21131
Xbox	20522, 22083, 21708
Xwave	21001
Yamaha	20490, 22298, 20539, 20497, 20646, 20545, 20817, 21354, 21416, 23995
YBA	20872
Zektor	21730
Zenith	20503, 20741, 20591, 20869, 22189
Zoece	21265

Setup Codes For Audio - Receiver

ADC	30531
Aiwa	31405, 30189, 30121, 31089, 31243, 31388, 31641
Akai	31512
Alco	31390
AMC	31077
AMW	31563, 31615
Anam	31609, 31074
Apex Digital	31257, 31430, 31774
Arcam	31189, 30189, 31978, 32022
Audiotronic	31189
Audiovox	31390
B & K	30702, 30820, 30840
Bose	31933, 31629, 31229, 30639, 31253, 31841
Boston Acoustics	32162
Cambridge Soundworks	31370, 31477
Capetronic	30531
Carver	31189, 30189, 30042, 30121, 31089
Casio	30195
Clarinette	30195
Classic	31352
Coby	31263, 31389
Criterion	31420
Curtis	30797, 31389
Daewoo	31250
Denon	32857, 31360, 31104, 31142, 32279,

	32516, 32820, 33001
Dynex	32971
Fisher	30042, 31801
Garrard	30463
Gateway	31517
GE	31379
Glory Horse	31263
Go Video	31532
Harman/Kardon	32241, 31304, 32443, 30110, 30189, 30891, 31306, 32670
Hitachi	31801
iLive	32013, 33279
Initial	31426
Insignia	31030, 31077, 31893, 32126, 32169, 32175, 32472, 32966
Integra	31805, 31320, 32503, 32730, 30135, 31298
iSymphony	32258
JBL	32241, 30110, 31306
Jensen	30797
JVC	32239, 31374, 32331, 30531, 31263, 31282, 31495, 31560, 31643, 31871, 32161
Kenwood	31313, 31570, 31569, 31293, 30042, 30186, 30876, 31027, 31032, 31261, 31670, 31916
Kioto	30797
KLH	31390, 31428
Koss	31366, 31497
Lasonic	31798
Lenoxx	31437
LG	32197, 32676, 32284, 31293, 31524
Linn	30189
Liquid Video	31497
Lloyd's	30195
LXI	30181
Magnavox	31189, 31269, 30189, 30195, 30391, 30531, 31089, 31514, 31831
Marantz	31189, 31269, 30189, 31089, 31289, 32114
McIntosh	31289
MCS	30346
Micromega	31189
Mitsubishi	31393
Modulaire	30195
Musicmagic	31089
Myryad	31189
NAD	30320, 30845
Nakamichi	31313, 30097, 30876, 31555
Norcent	31389
Nova	31389
Onkyo	31805, 31320, 32503, 32730, 30135, 30842, 31298, 31531, 32451
Optimus	31023, 30042, 30181, 30186, 30531, 30670, 30738, 30797, 30801, 31074
Oritron	31366, 31497
Panasonic	32967, 32452, 31633, 31275, 31308,

	31518, 30367, 30763, 31288, 31316, 31509, 31548, 31763, 31764, 32221
Penney	30195
Philco	31390, 31838
Philips	31189, 31269, 32459, 32311, 30189, 30391, 30891, 31089, 31266, 31831, 32289, 33227
Pioneer	31935, 31023, 30150, 30244, 30531, 30630, 31123, 31384
Polaroid	31508
Polk Audio	30189, 31289, 32115, 32244, 32270
Proscan	31254
RadioShack	31263
RCA	31609, 31023, 31254, 30054, 30346, 30531, 31074, 31123, 31390, 31511, 32041, 32426, 32490, 32611, 32719, 33281
Realistic	30181, 30195
Recco	30797
Regent	31437
Rio	31869
Rotel	30793
Saba	31519
Samsung	31868, 32809, 31295, 33154, 32137, 31304, 31500, 33382
Sansui	30189, 30193, 30346, 31089
Sanyo	30801, 31251, 31469, 31801
Sharp	30186, 31286
Sharper Image	30797, 31263, 31556
Sherwood	30491, 30502, 31077, 31423, 31517, 31653, 31905, 32169
Shinsonic	31426
Sonic Blue	31532, 31869
Sony	31622, 31759, 31758, 32172, 31822, 32475, 32522, 31058, 31441, 31258, 31158, 31858, 33158, 32320, 32216, 31958, 31658, 31558, 31547, 31529, 31503, 31382, 31131, 30797
Soundesign	30670
Starlight	30797
Stereophonics	31023
Sunfire	31313
Sylvania	30797
Teac	30463, 30797, 31074, 31390, 31528
Technics	31633, 31308, 31518, 30763
Thorens	31189
Toshiba	31123, 31788
Venturer	31390
Vtrek	32426
Wards	30189, 30042, 30054
Yamaha	32061, 32467, 30376, 33030, 30176, 31815, 31276, 30186, 31176, 31331, 31375, 31376, 31476, 32455, 32608
Yorx	30195
Zenith	32197, 31293, 30857, 31524, 31869

Setup Codes For Audio - Amplifier

Adcom	30577, 31100
Bel Canto Design	31583
Bose	30674
Classé	31461, 31462
Denon	32134, 32706
Durabrand	31568
Harman/Kardon	30892, 33045
Left Coast	30892
Lexicon	31802
Marantz	30892, 31892, 32138
Mark Levinson	31483
Memorex	31568
Philips	30892
Polk Audio	30892, 32242
Regent	31568
Sony	30689
Yamaha	2592

Setup Codes For Audio - Accessory

Apple	31115
Bowers & Wilkins	32441
Denon	32502
Haier	33516
Harman/Kardon	33517
JBL	33535
LG	33217
Panasonic	33409
Philips	32675
Polk Audio	33429
Samsung	32609, 32660
Sharp	33097, 33381
Sony	32610
VIZIO	32454
Yamaha	32458, 32021, 32116, 31797, 33153
ZVOX	32332

REPAIR OR REPLACEMENT POLICY

If the DIRECTV® Universal Remote Control does not function properly, DIRECTV will, at our sole discretion, repair or replace the DIRECTV Universal Remote Control, provided that:

- a. You are a customer of DIRECTV and your account is in good standing; and
- b. The problem with the DIRECTV Universal Remote Control was not caused by abuse, mishandling, alteration, accident, failure to follow operating, maintenance or environmental instructions set forth in this User Guide, or service performed by someone other than DIRECTV.

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UNDER NO CIRCUMSTANCES, INCLUDING NEGLIGENCE, SHALL DIRECTV OR ANYONE ELSE INVOLVED IN ADMINISTERING, DISTRIBUTING, OR PROVIDING THE DIRECTV UNIVERSAL REMOTE CONTROL BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOSS OF REVENUES OR INABILITY TO USE THE DIRECTV UNIVERSAL REMOTE CONTROL, MISTAKES, OMISSIONS, INTERRUPTIONS, DEFECTS, FAILURE OF PERFORMANCE, EVEN IF DIRECTV HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSSES.

Because some states do not allow the exclusion or limitation of liability for consequential or incidental damages, in such states, DIRECTV's liability is limited to the greatest extent permitted by law.

ADDITIONAL INFORMATION

This product does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to your DIRECTV Universal Remote Control.

For help via the Internet, visit us at: directv.com

Or ask for technical support at: 1-800-531-5000

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M2993 C with use with URC2993 DIRECTV Universal Remote Control. 06/09

COMPLIANCE WITH FCC RULES AND REGULATIONS

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not 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, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase or decrease 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 remote control/TV technician for help.
- It is strongly recommended that the TV be plugged into a separate wall outlet.

This equipment has been verified to comply with the limits for a Class B computing device, pursuant to FCC Rules. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.



DIRECTV®
Universal Remote Control
User Guide
M3015
Revision 03