



DIRECTV®



DIRECTV®
Universal Remote Control
User Guide

CONTENTS

Introduction	3
Features and Functions	4
Key Charts.....	4
Installing Batteries.....	6
Controlling Your DIRECTV Receiver	7
Setting Up Your DIRECTV Remote	7
Onscreen Remote Setup	7
Controlling Your TV.....	7
Setting Up the TV Input Key	8
Deactivate the TV Input Select Key	8
Controlling Other Components.....	8
Searching for TV, AV1 or AV2 Codes	9
Verifying the Codes	10
Changing Volume Lock	10
To Lock Volume to AV1, AV2 or TV	11
Restore Factory Default Settings.....	11
Troubleshooting	11
DIRECTV Setup Codes	13
Setup Codes for DIRECTV Receivers	13
Setup Codes for DIRECTV HD Receivers.....	13
Setup Codes for DIRECTV DVRs	14
Setup Codes, Other Devices	14
Setup Codes for TVs	14
Setup Codes for VCRs.....	21
Setup Codes for DVD Players	26
Setup Codes for Audio Amplifiers/Tuners.....	29
Setup Codes for Audio Amplifiers.....	32
Repair or Replacement Policy	34
Additional Information	34
Compliance with FCC Rules and Regulations.....	35
FCC Authorization Label	35

INTRODUCTION

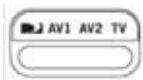
Congratulations! You now have an exclusive DIRECTV® Universal Remote Control that will control four components, including a DIRECTV Receiver, TV, and two stereo or video components (for example, a DVD, stereo, or second TV). Moreover, its sophisticated technology allows you to consolidate the clutter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

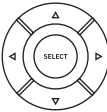
- Four-position **MODE** slide switch for easy component selection
- Code library for popular video and stereo components
- Code search to help program control of older or discontinued components
- Memory protection to ensure you will not have to re-program the remote when the batteries are replaced

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.
	Press TV INPUT to select the available inputs on your TV. NOTE: Additional setup is required to activate the TV INPUT key. (See instructions on page 8.)
	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 the selected component on or off.
	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 7.)
	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.  Jumps back 6 seconds and plays video from that location.  Jumps ahead in a recording.
	Use GUIDE to display the DIRECTV program Guide.
	Press ACTIVE to access special features, services, DIRECTV NEWS™ and info.
	Press LIST to display your TO DO list of programs. (Not available on all DIRECTV Receivers.)

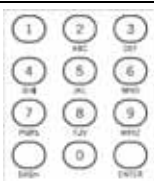
Press this key...	To...
	Press EXIT to exit menu screens and the program Guide and return to live TV.
	Press SELECT to choose highlighted items in menu screens or the program Guide.
	Use the ARROW keys to move around in the program Guide and menu screens.
	Press BACK to return to the previously displayed 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.
	Press YELLOW in full-screen TV to cycle through alternate audio tracks Press BLUE in full-screen TV to display the Mini-Guide. Press RED in the Guide to jump 1.5 hours back. Press GREEN in the Guide to jump 1.5 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.
	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 this key...

To...



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

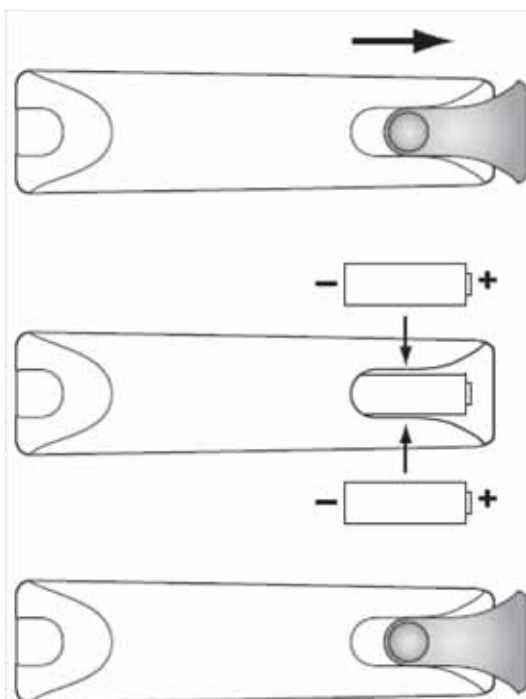


Press the number keys to directly enter a channel number (e.g. **207**) while watching TV or in the Guide.

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

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

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 is designed to give you access to features and functions found on your original remote control. To use it with your brand of 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 13.)
3. Power on the DIRECTV Receiver.
4. Slide the **MODE** switch to the DIRECTV position.
5. Press and hold the **MUTE** and **SELECT** keys 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 turnoff; if it does not, repeat steps 3 and 4, 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:

--	--	--	--	--

Onscreen Remote Setup

Once your remote is setup to work with your DIRECTV Receiver, you can set it up for your other equipment using the steps detailed on the following pages, or you can set it up onscreen by pressing **MENU**, then **SELECT** on Settings, Setup in the Quick Menu, then selecting Remote from the left menu.

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 7, 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 com-

ponent 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 14.)
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** flashed 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 3 and 4, 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:

--	--	--	--	--

SETTING UP THE TV INPUT KEY

Once you have setup the DIRECTV Remote control for your TV, you can activate the **TV INPUT** key so you can change the “source”—the piece of equipment whose signal is displayed on your TV:

1. Slide the **MODE** switch to the **TV** position.
2. Press and hold the **MUTE** and **SELECT** keys 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 twice.)

You now can change the input for your TV.

Deactivate the TV Input Select Key

If you want to deactivate the **TV INPUT** key, repeat steps 1 through 3 from the previous section; the green light will blink 4 times. Pressing the **TV INPUT** key will now do nothing.

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 7, but you can also use the manual method below:

1. Turn on the component you wish to control (e.g. your DVD Player).

2. Locate the 5-digit code for your component. (See “Setup Codes, Other Devices” starting on page 14.)
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 3 and 4, 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.
4. Enter **9-9-1** followed by one of the following four-digits:

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

5. Press **PWR**, or other functions (e.g. **PLAY** for VCR) you want to use.
6. Point the remote at the TV or component and press **CHAN+**. Repeatedly press **CHAN+** until the TV or component turns off.

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

7. Use the **CHAN-** key to step back a code.
8. When the TV or component turns off, 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:

1. Slide the **MODE** switch to the appropriate position.
2. 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.
3. Enter **9-9-0**. (The green light under the selected switch position flashes twice.)
4. To view the first digit in the code, Press and release then 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 page 9.
5. 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. Press and hold the **MUTE** and **SELECT** keys 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 after the **3**.)
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.

To Lock 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 until the green light under the selected switch flashes twice and 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 boxes don't have volume control, so the remote will not allow the user to lock volume to the DIRECTV mode.

RESTORE 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 6).

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 7).

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 0000 and VCR code 0032. For Sharp, use TV code 0093 and VCR code 0048. (See “Controlling Other Components” on page 8.)

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 TVs

A-Mark	10003
Abex	10032
Admiral	1093, 10463

Advent	10761, 10783, 10815, 10817, 10842
Adventura	10046
Aiko	1092
Akai	10030, 10060, 10672, 10702, 10812
Alaron	10179
Albatron	10700, 10843
Ambassador	10177
America Action	10180
Ampro	10751
Anam	10180
Anam National	10055
AOC	10003, 10019, 10030, 10052, 10185
Apex Digital	10156, 10748, 10765, 10767, 10879
Archer	10003
Audiovox	10003, 1092, 10180, 10451, 10623, 10802, 10875, 11284
Aventura	10171
Belcor	10019
Bell & Howell	10016, 10154
BenQ	11032, 11315
Boxlight	10893
Bradford	10180
Brockwood	10019
Broksonic	10003, 10180, 10236, 10463
Cadia	11283
Candle	10030, 10046, 10056, 10186
Carnivale	10030
Carver	10054
CCE	10217
Celebrity	10000
Celera	10765
Changhong	10765
Citizen	10030, 10039, 10046, 10056, 10060, 1092, 10186, 10280
Clairtone	10185
Clarion	10180
Commercial Solutions	10047, 11447
Concerto	10056

Contec	10157, 10180, 10185
Craig	10180
Crosley	10054
Crown	10039, 10180
Curtis Mathes	10016, 10030, 10039, 10047, 10054, 10056, 10060, 1093, 1145, 10154, 10166, 10451, 10466, 10702, 11147, 11347
CXC	10180
Daewoo	10019, 10039, 1092, 10451, 10623, 10661, 10672, 11661
Daytron	10019
Dell	11080, 11178, 11264, 11454
Denon	1145, 10511
Denstar	10628
Dumont	10017, 10019
Durabrand	10003, 10171, 10178, 10180, 10463, 11034
Dwin	1093, 10720, 10774
Electroband	10000, 10185
Electrograph	11755
Electrohome	10381
Emerson	10019, 10038, 10039, 10154, 10171, 10177, 10178, 10179, 10180, 10185, 10236, 10280, 10282, 10451, 10463, 10623
Envision	10030, 10813
Epson	10833, 10840
ESA	10171, 10812
Fisher	10154, 10159
Fujitsu	10179, 10186, 10683, 10809, 10853
Funai	10171, 10179, 10180
Futuretech	10180
Gateway	11755, 11756
GE	10021, 10027, 10047, 10051, 10055, 1135, 10178, 10282, 10451, 11347, 11447
Gibraltar	10017, 10019, 10030
Go Video	10886
GoldStar	10001, 10019, 10030, 10032, 10178
Goodmans	10360

Grundig	10683
Grunpy	10179, 10180
Haier	10768, 11034
Hallmark	10178
Hannspree	11348, 11351, 11352
Harley Davidson	10179
Harman/Kardon	10054
Harvard	10180
Havermy	1093
Helios	10865
Hello Kitty	10451
Hewlett Packard	11502
Hisense	10748
Hitachi	10016, 10032, 10038, 10056, 1145, 10151, 11145
HP	11502
Hyundai	10849
Infinity	10054
Inteq	10017
Janeil	10046
JBL	10054
JCB	10000
Jensen	10761, 10815, 10817
JVC	10053, 10731, 11253, 11352
Kaypani	10052
KEC	10180
Kenwood	10019, 10030
KLH	10765, 10767
Kloss	10024, 10046
Konka	10628, 10632, 10638, 10703, 10707
KTV	10030, 10039, 10180, 10185, 10217, 10280
LG	10178, 10442, 10700, 10856, 11178, 11265
Loewe	1136
Logik	10016
Luxman	10056
LXI	10047, 10054, 10154, 10156, 10178
Magnavox	10020, 10024, 10030, 10054, 1096, 10179, 10186, 10187, 10386, 10706, 10802, 11254, 11454

Majestic	10016
Marantz	10030, 10054, 10704, 10855, 11154, 11454
Matsushita	10250, 10650
Maxent	11755
Megapower	10700
Megatron	10003, 1145, 10178
MEI	10185
Memorex	10016, 1150, 10154, 10178, 10179, 10463
MGA	10019, 10030, 1150, 10178
Midland	10017, 10032, 10039, 10047, 10051, 1135
Minutz	10021
Mitsubishi	10019, 1093, 1150, 10178, 10836, 10868, 11250
Monivision	10700, 10843
Motorola	10055, 1093
MTC	10019, 10030, 10056, 10060, 10185
Multitech	10180, 10217
NAD	10156, 10178, 10866
NEC	10019, 10030, 10056, 10497, 10882, 11704
NetTV	11755
Nikko	10030, 1092, 10178
Norcent	10748, 10824
Noshi	10018
NTC	1092
Olevia	11331
Onwa	10180
Optimus	10154, 10166, 10250, 10650
Optoma	10887, 11348
Optonica	1093, 10165
Orion	10179, 10236, 10463, 11463
Panasonic	10051, 10055, 10250, 10650, 11410
Penney	10003, 10018, 10019, 10021, 10027, 10030, 10032, 10039, 10047, 10051, 10060, 1135, 10156, 10178, 11347
Philco	10019, 10020, 10030, 10054, 1096
Philips	10054, 10690, 11154, 11454

Pilot	10019, 10030, 10039
Pioneer	10038, 10166, 10679, 10866
Polaroid	10765, 10865, 11276, 11314, 11316, 11326, 11327, 11328
Portland	10019, 10039, 1092
Prima	10761, 10783, 10815, 10817
Princeton	10700, 10717
Prism	10051
Proscan	10047, 10466, 11347, 11447
Proton	10003, 10052, 10178, 10466
Pulsar	10017, 10019
Quasar	10051, 10055, 10165, 10250, 10650
RadioShack	10019, 10030, 10032, 10039, 10047, 10056, 10154, 10165, 10178, 10180
RCA	10018, 10019, 10038, 10047, 1090, 1135, 10679, 11047, 11147, 11247, 11347, 11447, 11547
Realistic	10019, 10030, 10032, 10039, 10056, 10154, 10165, 10178, 10180
Rhapsody	10185
Runco	10017, 10030, 10497, 10603
Sampo	10030, 10032, 10039, 10052, 11755
Samsung	10019, 10030, 10032, 10056, 10060, 10178, 10217, 10587, 10702, 10766, 10812, 10814, 11060, 11312
Samsux	10039
Sansui	10463
Sanyo	10088, 1146, 10154, 10159, 10799, 10893
Sceptre	11360
Scimitsu	10019
Scotch	10178
Scott	10019, 10178, 10179, 10180, 10236
Sears	10047, 10054, 10056, 1146, 10154, 10156, 10159, 10171, 10178, 10179
Seleco	11351

Sharp	10039, 1093, 10157, 10165, 10386, 10491, 10688, 10689, 10851
Sheng Chia	1093
Shogun	10019
Signature	10016
Simpson	10186, 10187
Sole	10813
Sony	10000, 10080, 1111, 10834, 11100
Soundesign	10178, 10179, 10180, 10186
Spectricon	10003
Squareview	10171
SSS	10019, 10180
Starlite	10180
Studio Experience	10843
Superscan	1093, 10864
Supre-Macy	10046
Supreme	10000
SVA	10587, 10748, 10768, 10865, 10870, 10871, 10872
Sylvania	10020, 10030, 10054, 1096, 10171, 10381
Symphonic	10171, 10180
Syntax	11331
Tandy	1093
Tatung	10003, 10055, 11285, 11756
Technics	10051, 10250
Technol Ace	10179
Techview	10847
Techwood	10003, 10051, 10056
Teknika	10016, 10019, 10039, 10054, 10056, 10060, 1092, 1150, 10179, 10180, 10186
Telefunken	10056, 10702
TMK	10056, 10177, 10178
TNCi	10017
Toshiba	10060, 10154, 10156, 10650, 10832, 10845, 11156, 11256, 11265, 11343, 11356, 11360, 11656, 11704
Tosonic	10185
Totevision	10039

Trical	10157
TVS	10463
Universal	10027
Vector Research	10030
Victor	10053
Vidikron	10054
Vidtech	10019, 10178
Viewsonic	10857, 10864, 10885, 11330, 11342, 11755
Viking	10046
Vizio	10864, 10885, 11756
Wards	10016, 10019, 10020, 10021, 10027, 10030, 10054, 10056, 10080, 1096, 1111, 10165, 10178, 10179, 10866, 11156
Waycon	10156
Westinghouse	10000, 10451, 10885, 10889, 11282
White Westinghouse	10463, 10623
Yamaha	10019, 10030, 10769, 10833, 10839
Zenith	10016, 10017, 1092, 10178, 10463, 11145, 11265
Zonda	10003
Setup Codes for VCRs	
ABS	21972
Admiral	20048, 20209, 20479
Adventura	20000
Aiko	20278
Aiwa	20000, 20037, 20124, 20307
Akai	20041, 20061, 20106, 20175
Alienware	21972
America Action	20278
American High	20035
Asha	20240
Audiovox	20037, 20278
Beaumark	20240
Bell & Howell	20104
Broksonic	20002, 20121, 20184, 20209, 20479, 21479
Calix	20037
Canon	20035
Carver	20081

CCE	20072, 20278
Citizen	20037, 20278, 21278
Colt	20072
Craig	20037, 20047, 20072, 20240
Curtis Mathes	20035, 20041, 20060, 20162, 21035
Cybernex	20240
CyberPower	21972
Daewoo	20045, 20278, 20561, 21278
Dell	21972
Denon	20042
DirecTV	20739
Durabrand	20038, 20039
Dynatech	20000
Electrohome	20037, 20043
Electrophonic	20037
Emerex	20032
Emerson	20000, 20002, 20037, 20043, 20061, 20121, 20184, 20209, 20212, 20278, 20479, 20561, 20593, 21278, 21479, 21593
Fisher	20047, 20104
Fuji	20033, 20035
Funai	20000, 20593, 21593
Garrard	20000
Gateway	21972
GE	20035, 20060, 20065, 20202, 20240, 20761, 20807, 21035, 21060
Go Video	20240, 20432, 20526
GoldStar	20037, 20038, 21237
Gradiente	20000
Harley Davidson	20000
Harman/Kardon	20038, 20075, 20081
Harwood	20072
Headquarter	20046
Hewlett Packard	21972
HI-Q	20047
Hitachi	20000, 20041, 20042, 20065, 20089, 20105
Howard Computers	21972
HP	21972
Hughes Network Systems	20042, 20739

Humax	20739
Hush	21972
iBUYPOWER	21972
Jensen	20041
JVC	20008, 20041, 20067
KEC	20037, 20278
Kenwood	20038, 20041, 20067
KLH	20072
Kodak	20035, 20037
LG	21037
Linksys	21972
Lloyd's	20000
Logik	20072
LXI	20037
Magnasonic	20593, 21278
Magnavox	20000, 20035, 20039, 20081, 20149, 20563, 20593, 21781
Magnin	20240
Marantz	20035, 20081
Marta	20037
Matsushita	20035, 20162
Media Center PC	21972
MEI	20035
Memorex	20000, 20035, 20037, 20039, 20046, 20047, 20048, 20104, 20162, 20209, 20240, 20307, 20479, 21037, 21237
MGA	20043, 20061, 20240
MGN Technology	20240
Microsoft	21972
Mind	21972
Minolta	20042, 20105
Mitsubishi	20043, 20061, 20067, 20075, 20173, 20807
Motorola	20035, 20048
MTC	20000, 20240
Multitech	20000, 20072
NEC	20038, 20040, 20041, 20067, 20104
Nikko	20037
Nikon	20034
Niveus Media	21972
Noblex	20240

Northgate	21972
Olympus	20035, 20226
Onkyo	20222
Optimus	20037, 20048, 20104, 20162, 20432, 20593, 21048, 21062
Orion	20002, 20184, 20209, 20479, 21479
Panasonic	20035, 20077, 20162, 20225, 20226, 20616, 21035, 21062
Penney	20035, 20037, 20038, 20040, 20042, 20240, 21035, 21237
Pentax	20042, 20065, 20105
Philco	20035
Philips	20035, 20081, 20618, 20739, 21081, 21181
Pilot	20037
Pioneer	20067
Polk Audio	20081
Presidian	21593
Profitronic	20240
Proscan	20060, 20202, 20761, 21060
Protec	20072
Pulsar	20039
Quarter	20046
Quartz	20046
Quasar	20035, 20077, 20162, 21035
RadioShack	20000, 21037
Radix	20037
Randex	20037
RCA	20042, 20060, 20065, 20077, 20105, 20106, 20149, 20202, 20240, 20761, 20807, 20880, 21035, 21060
Realistic	20000, 20035, 20037, 20046, 20047, 20048, 20104
ReplayTV	20614, 20616
Ricavision	21972
Ricoh	20034
Runco	20039
Salora	20075
Samsung	20045, 20240, 20739
Sanky	20039, 20048
Sansui	20000, 20041, 20067, 20209, 20479, 21479

Sanyo	20046, 20047, 20104, 20159, 20240
Scott	20043, 20045, 20121, 20184, 20210, 20212
Sears	20000, 20035, 20037, 20042, 20046, 20047, 20104, 20105, 21237
Sharp	20048, 20807, 20848
Shintom	20072
Shogun	20240
Singer	20072
Sonic Blue	20614, 20616
Sony	20000, 20032, 20033, 20034, 20035, 20636, 21032, 21232, 21972
Stack 9	21972
STS	20042
Sylvania	20000, 20035, 20043, 20081, 20593, 21593, 21781
Symphonic	20000, 20593, 21593
Systemax	21972
Tagar Systems	21972
Tatung	20041
Teac	20000, 20041
Technics	20035, 20162
Teknika	20000, 20035, 20037
Thomas	20000
Tivo	20618, 20636, 20739, 21996
TMK	20240
Toshiba	20043, 20045, 20209, 20210, 20212, 20366, 20845, 21008, 21145, 21972, 21996
Totevision	20037, 20240
Touch	21972
Unitech	20240
Vector	20045
Vector Research	20038, 20040
Video Concepts	20040, 20045, 20061
Videomagic	20037
Videosonic	20240
Viewsonic	21972
Villain	20000
Voodoo	21972

Wards	20000, 20035, 20042, 20047, 20048, 20060, 20072, 20081, 20149, 20212, 20240
White Westinghouse	20072, 20209
XR-1000	20000, 20035, 20072
Yamaha	20038
Zenith	20000, 20033, 20034, 20039, 20209, 20479, 21139, 21479
ZT Group	21972

Setup Codes for DVD Players

Aiwa	20641
Akai	20695, 20770, 21089
Alco	20790
Allegro	20869
Amphion Media Works	20872
AMW	20872
Apex Digital	20672, 20717, 20755, 20794, 20796, 20797, 21004, 21020, 21056, 21061, 21100
Aspire Digital	21168, 21407
Audiovox	20790, 21041, 21072
Axion	21072
B & K	20655, 20662
Blaupunkt	20717
Blue Parade	20571
Broksonic	20695
California Audio Labs	20490
Cinea	20831
CineVision	20833, 20869, 20876
Citizen	21277
Coby	20778, 20852, 21086, 21107, 21177, 21351
Craig	20831
Curtis Mathes	21087
CyberHome	20816, 20874, 21023, 21024, 21117, 21129
Daewoo	20705, 20784, 20833, 20869, 21169, 21172, 21234, 21242
Daytek	20872
Denon	20490, 20634
Desay	21407
Disney	20675, 21270
Dual	21068, 21085
Durabrand	21127

DVD2000	20521
Emerson	20591, 20675, 20821
Enterprise	20591
Fisher	20670
Funai	20675, 21334
Gateway	21073, 21077, 21158
GE	20522, 20717, 20815
Go Video	20715, 20741, 20744, 20783, 20833, 20869, 21044, 21075, 21099, 21158, 21304, 21730
Go Vision	21072
GoldStar	20741
GPX	20699, 20769
Gradiente	20490
Greenhill	20717
Grundig	20539
Harman/Kardon	20582, 20702
Hitachi	20573, 20664
Hiteker	20672
iLo	21348
Initial	20717
Integra	20571, 20627
Jaton	21078
JBL	20702
JSI	21423
JVC	20558, 20623, 20867, 21164
jWin	21049, 21051
Kawasaki	20790
Kenwood	20490, 20534
KLH	20717, 20790, 21020, 21149
Konka	20711
Koss	20651, 21423
Landel	20826
Lasonic	20798, 21173
Lecson	21533
Lenoxx	21127
LG	20591, 20741, 20801, 20869
LiteOn	21058, 21158, 21416, 21440
Loewe	20511
Magnavox	20503, 20539, 20646, 20675, 20821
Malata	20782, 21159

Marantz	20539
McIntosh	21533
Memorex	20695, 20831, 21270
Microsoft	20522
Mintek	20717, 20839
Mitsubishi	20521, 21521
Momitsu	21082
NAD	20591, 20692, 20741
NEC	20785
Nesa	20717
Next Base	20826
NexxTech	21402
Norcent	20872, 21003, 21107, 21265
Onkyo	20503, 20627, 20792
Oritron	20651
Panasonic	20490, 20503, 20703, 21362, 21462, 21490, 21762
Philips	20503, 20539, 20646, 20675, 21267, 21354
PianoDisc	21024
Pioneer	20525, 20571, 20631
Polaroid	21020, 21061, 21086
Polk Audio	20539
Portland	20770
Presidian	20675
Proceed	20672
Proscan	20522
ProVision	20778
Qwestar	20651
RCA	20522, 20571, 20717, 20790, 20822
Rio	20869
RJTech	21360
Rotel	20623
Rowa	20823
Sampo	20698, 20752
Samsung	20490, 20573, 20744, 20820, 21044, 21075
Sansui	20695
Sanyo	20670, 20695, 20873
Sensory Science	21158
Sharp	20630, 20675, 20752, 21256
Sharper Image	21117

Sherwood	20633, 20770, 21043, 21077
Shinsonic	20533, 20839
Sonic Blue	20869, 21099
Sony	20533, 20864, 21033, 21431, 21533
Sungale	21074
Superscan	20821
SVA	20860, 21105
Sylvania	20675, 20821
Symphonic	20675
Teac	20790, 20809
Technics	20490, 20703
Technosonic	20730
Techwood	20692
Theta Digital	20571
Toshiba	20503, 20695, 21154
Tredex	20800, 20803, 20804
Urban Concepts	20503
US Logic	20839
Venturer	20790
Vizio	21064, 21226
Xbox	20522
Yamaha	20490, 20539, 20545
Yamakawa	20872
Zenith	20503, 20591, 20741, 20869
Zoece	21265

Setup Codes for Audio Amplifiers/Tuners

ADC	30531
Adcom	30616
Aiwa	30121, 30189, 31243, 31388, 31405, 31641
Akai	30224, 31255, 31512
Alco	31390
AMC	31077
Amphion Media Works	31563, 31615
AMW	31563, 31615
Anam	31074, 31609
Apex Digital	31257, 31430, 31774
Arcam	31189
Audiotronic	31189
Audiovox	31390, 31627
B & K	30701, 30820, 30840

BK	30702
Bose	30639, 31229, 31253, 31933
Brix	31602
Cambridge Soundworks	31370
Capetronic	30531
Carver	30008, 30121, 30189, 30360, 31189, 31289
Classic	31352
Coby	31389
Criterion	31420
Daewoo	31250
Delphi	31414
Denon	30121, 30273, 30771, 31142, 31360
Emerson	30424
Fisher	30219, 30360, 31801
Garrard	30424
Gateway	31517, 31567
Go Video	31532
Harman/Kardon	30110, 30189, 30891, 31289, 31304, 31306
Hitachi	31273, 31801
Initial	31426
Inkel	30062
Integra	30135, 31298, 31320
JBL	30110, 31306
JVC	30074, 31058, 31374, 31495, 31811
Kenwood	30077, 30186, 31313, 31569, 31570
KLH	31390, 31412, 31428
Koss	30424, 31366, 31497
Lasonic	31798
Lenoxx	31437
Lexicon	31076
LG	31293
Linn	30189
Liquid Video	31497
Magnavox	30128, 30189, 30531, 31189, 31269, 31514
Marantz	30039, 30128, 30189, 31189, 31269, 31289
McIntosh	31289

MCS	30039, 30346
Micromega	31189
Mitsubishi	31393
Myryad	31189
Nakamichi	30347, 31313
NEC	30235
Norcent	31389
Nova	31389
Onkyo	30135, 30380, 30842, 31298, 31320, 31531
Optimus	30177, 30186, 30219, 30531, 30670, 31023, 31074
Oritron	31366, 31497
Panasonic	30039, 30309, 31288, 31308, 31316, 31350, 31363, 31518, 31548, 31633, 31763, 31764
Philips	30189, 31189, 31266, 31269
Pioneer	30014, 30150, 30531, 30630, 31023, 31384
Polaroid	31508
Polk Audio	30189, 31289, 31414
Proscan	31254
Quasar	30039
RCA	30346, 30360, 30530, 30531, 31023, 31074, 31254, 31390, 31511, 31609
Realistic	30163
Regent	31437
Rio	31869
Saba	31519
Samsung	31295, 31304, 31500
Sansui	30189, 30346, 31189
Sanyo	30219, 31469, 31801
Scott	30163, 30322
Sharp	30186
Sharper Image	31556
Sherwood	30062, 31077, 31423, 31517, 31567, 31653
Shinsonic	31426
Sirius	31602, 31627, 31811
Sonic Blue	31532, 31869
Sony	30168, 31058, 31258, 31406, 31441, 31558, 31622, 31658, 31758, 31759, 31858

Soundesign	30670
Stereophonics	31023
Sunfire	31313
Teac	30163, 31074, 31267, 31390, 31528
Technics	30039, 30208, 30309, 31308, 31518, 31633
Thorens	31189
Toshiba	30135
Venturer	31390
Victor	30074
Wards	30014, 30189
XM	31406, 31414
Yamaha	30176, 30186, 31176, 31276, 31331, 31375
Zenith	31293

Setup Codes for Audio Amplifiers

Adcom	30577, 31100
AudioSource	30011
Bose	30674
Carver	30892
Durabrand	31561
Elan	30647
GE	30078
Harman/Kardon	30892
JVC	30331
Kenwood	30356
Left Coast	30892
Lenoxx	31561
Luxman	30165
Marantz	30321, 30892
McIntosh	30251
Nakamichi	30321
NEC	30264
Optimus	30395, 30823
Parasound	30246
Philips	30892
Pioneer	30823
Polk Audio	30892
RCA	30823
Realistic	30395
Sansui	30321

Shure	30264
Sony	30689, 30815, 31126
Soundesign	30078, 30211
Victor	30331
Wards	30078, 30211
Yamaha	30133, 30143, 30354, 30504

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.

THE DIRECTV UNIVERSAL REMOTE CONTROL IS PROVIDED ON AN AS-IS, AS-AVAILABLE BASIS, SOLELY FOR YOUR NON-COMMERCIAL, RESIDENTIAL USE. DIRECTV DOES NOT MAKE ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND, WHETHER STATUTORY, EXPRESS OR IMPLIED, REGARDING THE DIRECTV UNIVERSAL REMOTE CONTROL, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, NONINFRINGEMENT OR FITNESS FOR A PARTICULAR PURPOSE OR IMPLIED WARRANTIES ARISING FROM A COURSE OF DEALING OR COURSE OF PERFORMANCE. DIRECTV EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY THAT THE DIRECTV UNIVERSAL REMOTE CONTROL WILL BE ERROR FREE. NO ORAL ADVICE OR WRITTEN INFORMATION GIVEN BY DIRECTV, ITS EMPLOYEES, AND LICENSORS OR THE LIKE SHALL CREATE A WARRANTY; NOR SHALL CUSTOMER RELY ON ANY SUCH INFORMATION OR ADVICE.

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

Copyright 2006 by DIRECTV, Inc. No part of this publication may be reproduced, transmitted, transcribed, stored in any retrieval system, or translated to any language, in any form or by any means, electronic, mechanical, magnetic, optical, manual, or otherwise, without prior written permission of DIRECTV, Inc.

DIRECTV, the Cyclone Design logo and DIRECTV NEWS are trademarks of DIRECTV, Inc.

M2081C for use with the URC2081/2082, DIRECTV Universal Remote Control.

05/06

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:

- Increase or decrease the separation between the equipment and receiver.
- Consult the dealer or an experienced remote control/TV technician for help.

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.

FCC Authorization Label

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

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

Responsible Party:

DIRECTV, Inc.

2230 E. Imperial Hwy.

El Segundo, CA 90245

1-800-531-5000

FCC ID #: MG3 2081

