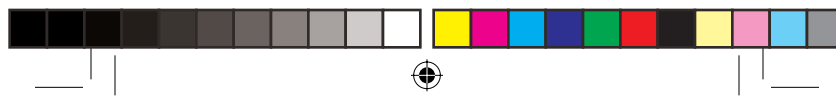
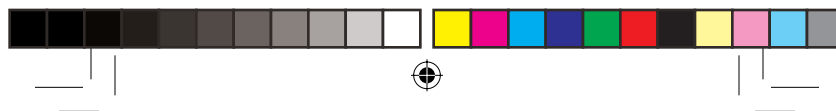


DIRECTV® Universal Remote Control User's Guide



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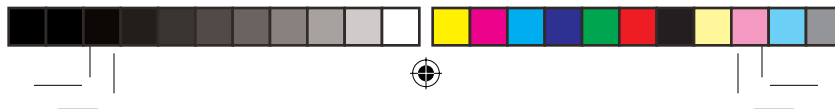
INTRODUCTION

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

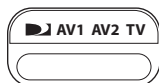
Before using your DIRECTV Universal Remote Control, you may need to program it to operate with your particular component. Please follow the instructions detailed in this guide to set up your DIRECTV Universal Remote Control so you can start enjoying its features.





FEATURES AND FUNCTIONS

Key Charts



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 10.*)



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.)

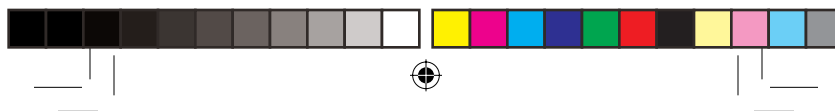


Press **PWR** to turn the selected component on or off.



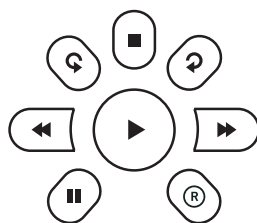
Press **TV POWER ON/OFF** to turn the TV and DIRECTV Receiver on or off. (*Note: These keys are only active after the remote has been setup for your TV. See page 10.*)

continued on next page...



FEATURES AND FUNCTIONS

Key Charts (continued)



Use these keys to control your DVR, VCR, DVD, or CD/DVD player. To record a program, press the **RECORD** key.

REPLAY jumps back 6 seconds and plays video from that location.

ADVANCE jumps ahead in a recording.



Use **GUIDE** to display the DIRECTV program guide.



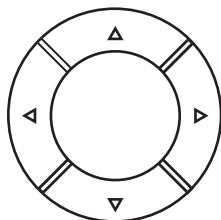
Press **ACTIVE** to access special features, services, DIRECTV NEWS™ and info.



Press **LIST** to display your TO DO list of programs. (Not available on all DIRECTV Receivers.)



Press **EXIT** to exit menu screens and the program guide and return to live TV.

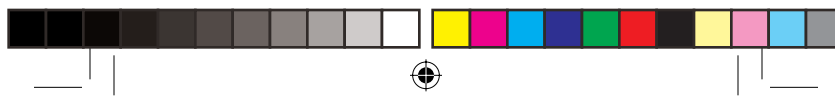


Press the **ARROW** keys to move around in the program guide and menu screens.



Press **SELECT** to choose highlighted items in menu screens or the program guide.

continued next page...



FEATURES AND FUNCTIONS

Key Charts (continued)



Press **BACK** to return to the previously displayed screen.



Press **MENU** to display the Quick Menu.



Press **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.)



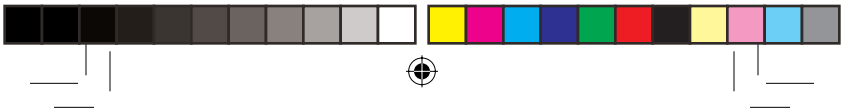
Press **VOL** to raise or lower the sound volume. The volume key is only active when the remote is setup for your TV.



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

While in the DIRECTV program guide or menu, press **PAGE ▲** (or **▼**) to page up (or down) through available channels in the Guide.

continued next page...



FEATURES AND FUNCTIONS

Key Charts (continued)



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.

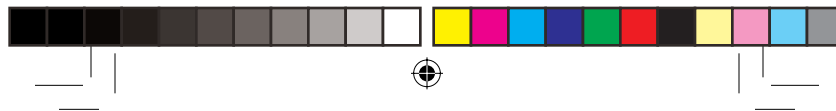


Press **DASH** to separate main and sub-channel numbers.

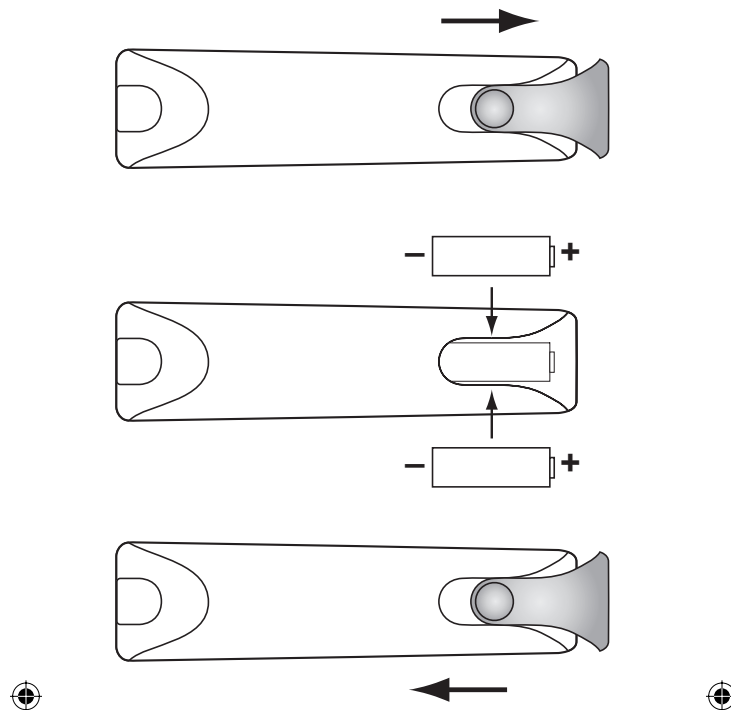


Press **ENTER** to activate number entries quickly.



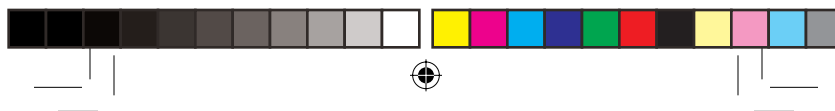


INSTALLING BATTERIES



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 setup 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: _____

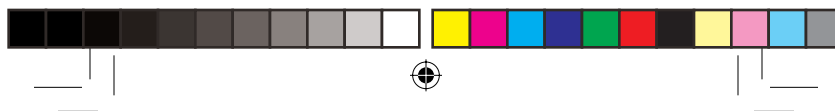
2. Locate the 5-digit code for your DIRECTV Receiver. (See pages 16-17.)
3. Power on the DIRECTV Receiver.
4. Slide the **MODE** switch to the DIRECTV position.
5. Press and hold the **MUTE** and **SELECT** keys until the green light under the DIRECTV position flashes twice, then release both keys.
6. 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 turn off; 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 it 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 setup 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 9**, 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 setup before moving on to step 2.

2. Locate the 5-digit code for your TV. (See pages 18-21.)
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:

--	--	--	--	--

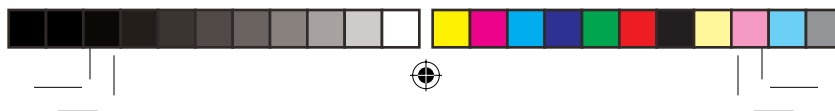
SETTING UP THE TV INPUT KEY

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 can now change the input for your TV.





Deactive 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 9**, 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 pages 16-27.)
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 setup. 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 setup a new component under AV2 (or AV1).
8. For future reference write down the working code for the component(s) setup under AV1 and AV2 below:

AV1:

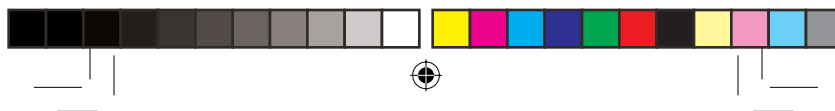
--	--	--	--	--

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.
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 4-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.*

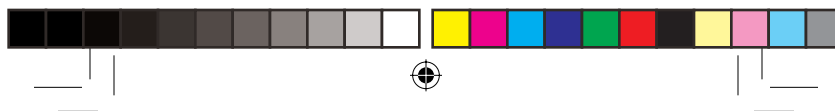
7. When the TV or component turns off, stop pressing the **CHAN ▲** key. Then, press and release the **SELECT** key.

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 setup 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 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 pages 11.

Note: If this part of the code is "0" the light will not flash.

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

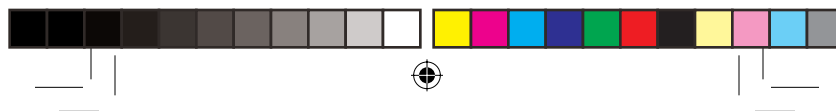
Depending on how you set up your remote, the **VOL** and **MUTE** may control the volume only on your TV, regardless of the position of the **MODE** switch. This remote can be setup so that the **VOL** and **MUTE** keys work *only* with the component selected by the **MODE** switch. To enable this feature,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

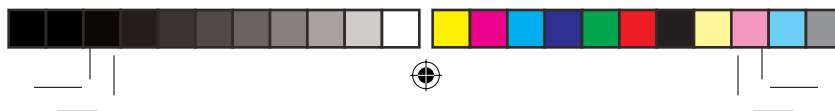


RESTORE FACTORY DEFAULT SETTINGS

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 8).

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 12).

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.



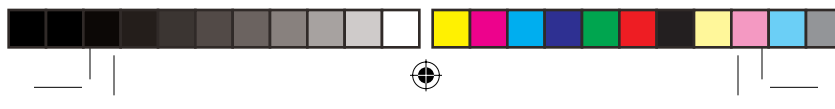
PROBLEM: Changing channels does not work properly.

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.





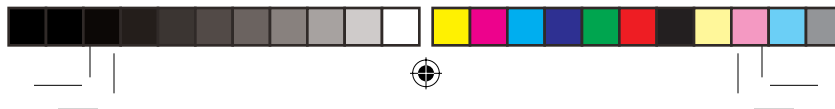
DIRECTV SETUP CODES

Setup Codes for DIRECTV Receivers

DIRECTV Model D-10	00001, 00002
Hughes Network Systems (most models)	00749
Hughes Network Systems models GAEB0, GAEB0A, GCEB0, GCEB0A, HBH-SA, and HAH-SA	01749
GE models GRD33G2A and GRD33G3A, GRD122GW	00566
Hitachi model HDS210R	00819
Mitsubishi HD models SRHD400 and SRHD500	00749
Panasonic models TZ-DBS01 and TZ-DRD100	00247
Panasonic models TUIRD10 and TUIRD20	00701
Philips models DSX5150R, DSX525R/I, DSX5350R, DSX5353R, DSX5353X, and DSX5375R	01076
Philips models DSX5500 and DSX5400	00099
Proscan models PRD8630A and PRD8650B	00566
RCA models DRD102RW, DRD203RW, DRD301RA, DRD302RA, DRD303RA, DRD403RA, DRD703RA, DRD502RB, DRD503RB, DRD505RB, DRD515RB, DRD523RB, and DRD705RB	00566
RCA models DRD202RD, DRD221RD, DRD222RD, DRD223RD, DRD225RD, DRD420RE, 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
Toshiba model TSR101DSS	00790
Uniden model UDS100	00724

Setup Codes for DIRECTV HD Receivers

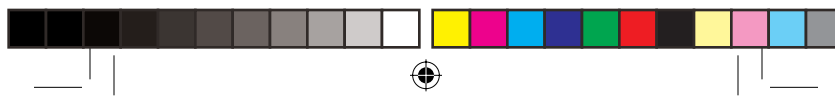
DIRECTV Model H-10	00001, 00002
Hitachi model 61HDX98B	00819
HNS models HIRD-E8, HTL-HD	01750
LG model LSS-3200A, HTL-HD	01750
Mitsubishi model SR-HD5	01749, 00749
Philips model DSHD800R	01749
Proscan model PSHD105	00392
RCA models DTC-100, DTC-210	00392
Samsung model SIR-TS360	01609
Samsung models SIR-TS160	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

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

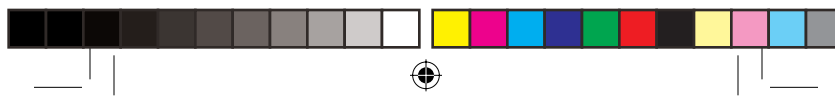




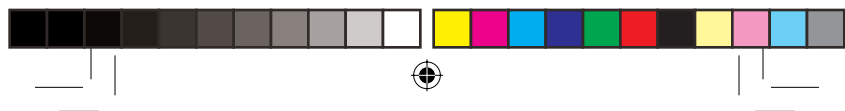
OTHER MANUFACTURER CODES

Setup Codes for TVs

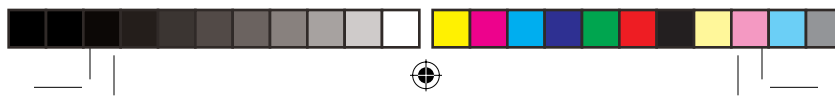
Admiral	10093, 10463
Advent	10761, 10817, 10815, 10783, 10842
Aiko	10092
Akai	10812, 10702, 10030, 10672
Alaron	10179
Albatron	10843, 10700
Ambassador	10177
America Action	10180
Ampro	10751
Anam	10180
AOC	10030, 10019
Apex Digital	10748, 10765, 10767
Audiovox	10451, 10180, 10092, 10623
Belcor	10019
Bell & Howell	10154, 10016
Bradford	10180
Brockwood	10019
Broksonic	10236, 10463
Candle	10030, 10056
Carnivale	10030
Carver	10054
Celebrity	10000
Celera	10765
Changhong	10765
Citizen	10060, 10030, 10056, 10092
Clarion	10180
Concerto	10056
Contec	10180
Craig	10180
Crosley	10054
Crown	10180
Curtis Mathes	10047, 10054, 10154, 10451, 10093, 10060, 10702, 10030, 10145, 10166, 10056, 11147, 10016, 10466, 11347
CXC	10180
Daewoo	10451, 11661, 10092, 10672, 10019, 10623
Daytron	10019
Denon	10145
Dumont	10017, 10019
Durabrand	10463, 10180, 10178, 10171
Dwin	10774, 10720
Electroband	10000
Elektra	10017, 11661
Emerson	10154, 10236, 10463, 10180, 10178, 10171, 10019, 10177, 10623, 10179
Envision	10030
Fisher	10154



Fujitsu	10809, 10683, 10179, 10853
Funai	10180, 10171, 10179
Futuretech	10180
Gateway	11755, 11756
GE	11447, 10047, 10051, 10451, 10178, 10021, 11347, 11147
Harley Davidson	10179
Harman/Kardon	10054
Harvard	10180
Havermy	10093
Hello Kitty	10451
Himitsu	10180
Hisense	10748
Hitachi	11145, 10145, 10016, 10151, 10056
Hyundai	10849
Infinity	10054
Inteq	10017
JBL	10054
JCB	10000
Jensen	10761, 10817, 10815
JVC	10053
KEC	10180
Kenwood	10030, 10019
KLH	10765, 10767
KTV	10180, 10030
LG	10856
Logik	10016
Luxman	10056
LXI	10047, 10054, 10154, 10156, 10178
Magnavox	11454, 10054, 10030, 10706, 10179, 11254
Majestic	10016
Marantz	10054, 10030, 10704
Matsushita	10250, 10650
Megapower	10700
Megatron	10178, 10145
Memorex	10154, 10463, 10150, 10178, 10179, 10016
MGA	10150, 10030, 10178, 10019
Midland	10047, 10017, 10051
Minutz	10021
Mitsubishi	10093, 11250, 10150, 10178, 10836, 10019
Monivision	10700, 10843
Motorola	10093
MTC	10060, 10030, 10019, 10056
Multitech	10180
NAD	10156, 10178, 10866
NEC	10030, 11704, 10019, 10497, 10056
Nikko	10030, 10178, 10092
Norcent	10748, 10824
NTC	10092
Onwa	10180
Optimus	10154, 10250, 10166, 10650



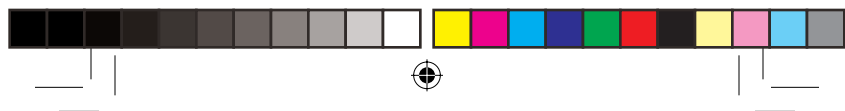
Optonica	10093 Orion 10236, 10463, 10179
Panasonic	10250, 10051, 10650
Penney	10047, 10156, 10051, 10060, 10030, 10178, 10021, 10019, 11347
Prima	10761, 10783, 10817, 10815
Princeton	10700, 10717
Prism	10051
Proscan	11447, 10047, 11347
Proton	10178, 10466
Pulsar	10017, 10019
Quasar	10250, 10051, 10650
RadioShack	10047, 10154, 10180, 10030, 10178, 10019, 10056
RCA	11447, 10047, 10019, 10679, 11247, 11547, 10090, 11147, 11047, 11347
Realistic	10154, 10180, 10030, 10178, 10056, 10019
Runco	10017, 10030, 10603, 10497
Sampo	10030, 11755
Samsung	10060, 10812, 10702, 10030, 10178, 10019, 10766, 11060, 10056, 10814
Sansui	10463
Sanyo	10154
Scimitsu	10019
Scotch	10178
Scott	10236, 10180, 10178, 10179, 10019
Sears	10047, 10054, 10154, 10156, 10178, 10171, 10179, 10056
Sharp	10093, 10689, 10688, 10851, 10818
Sheng Chia	10093
Shogun	10019
Signature	10016
Sony	11100, 10000, 10834
Soundesign	10180, 10178, 10179
Squareview	10171
SSS	10180, 10019
Starlite	10180
Studio Experience	10843
Supreme	10000
SVA	10748
Sylvania	10054, 10030, 10171
Symphonic	10180, 10171
Tandy	10093
Tatung	11756
Technics	10250, 10051
Technol Ace	10179
Techwood	10051, 10056
Teknika	10054, 10180, 10150, 10060, 10019, 10179, 10016, 10056, 10092
Telefunken	10702, 10056
TMK	10178, 10177, 10056
TNCi	10017
Toshiba	10154, 11256, 10156, 10060, 11704, 10845, 11656, 10650, 11356



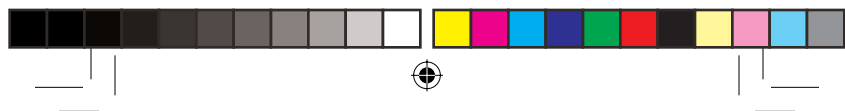
TVS	10463
Wards	10054, 10030, 10178, 10019, 10179, 10016, 10021, 10056, 10866
Waycon	10156
White Westinghouse	10463, 10623
Yamaha	10030, 10019
Zenith	10017, 10463, 10178, 10016, 10092

Setup Codes for VCRs

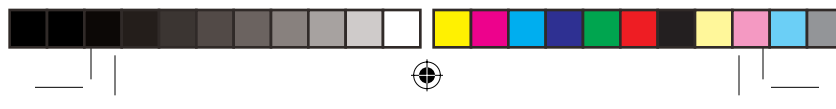
ABS	21972
Admiral	20048, 20209
Adventura	20000
Aiko	20278
Aiwa	20037, 20000
Akai	20041
Alienware	21972
America Action	20278
American High	20035
Asha	20240
Audiovox	20037, 20278
Beaumark	20240
Bell & Howell	20104
Broksonic	20184, 20121, 20209, 20002, 21479, 20479
Calix	20037
Canon	20035
Carver	20081
CCE	20072, 20278
Citizen	20037, 20278, 21278
Colt	20072
Craig	20037, 20047, 20240, 20072
Curtis Mathes	20060, 20035, 20162, 20041, 21035
Cybernex	20240
CyberPower	21972
Daewoo	20045, 20278, 21278
Dell	21972
Denon	20042
Durabrand	20039, 20038
Dynatech	20000
Electrohome	20037
Electroponic	20037
Emerex	20032
Emerson	20037, 20184, 20000, 20121, 20043, 20209, 20002, 20278, 21278, 20479, 21479
Fisher	20047, 20104
Fuji	20035, 20033
Funai	20000
Garrard	20000
Gateway	21972
GE	20060, 20035, 20240, 21035, 20807, 21060
Go Video	20432



GoldStar	20037, 20038, 21237
Gradiente	20000
Harley Davidson	20000
Harman/Kardon	20081, 20038
Harwood	20072
HI-Q	20047
Hitachi	20000, 20042, 20041
Howard Computers	21972
HP	21972
Hughes Network Systems	20042
iBUYPOWER	21972
Jensen	20041
JVC	20067, 20041
KEC	20037, 20278
Kenwood	20067, 20041, 20038
KLH	20072
Kodak	20035, 20037
Lloyd's	20000
Logik	20072
LXI	20037
Magnasonic	1278
Magnavox	20035, 20039, 20081, 20000, 20149, 21781
Magnin	20240
Marantz	20035, 20081
Marta	20037
Matsushita	20035, 20162
Media Center PC	21972
MEI	20035
Memorex	20035, 20162, 20037, 20048, 20039, 20047, 20240, 20000, 20104, 20209, 21237, 20479
MGA	20240, 20043
MGN Technology	20240
Microsoft	21972
Mind	21972
Minolta	20042
Mitsubishi	20067, 20043, 20807
Motorola	20035, 20048
MTC	20240, 20000
Multitech	20000, 20072
NEC	20104, 20067, 20041, 20038
Nikko	20037
Noblex	20240
Northgate	21972
Olympus	20035
Optimus	21062, 20162, 20037, 20048, 20104, 20432
Orion	20184, 20209, 20002, 20479, 21479
Panasonic	21062, 20035, 20162, 21035, 20616, 20225
Penney	20035, 20037, 20240, 20042, 20038, 21035, 21237
Pentax	20042
Philco	20035, 20479

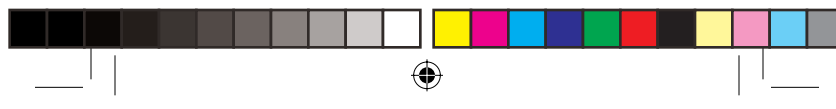


Philips	20035, 20081, 20618 Pilot 20037
Pioneer	20067
RadioShack	20000
Radix	20037
Randex	20037
RCA	20060, 20240, 20042, 20149, 21035, 20880, 20807, 21060
Realistic	20035, 20037, 20048, 20047, 20000, 20104
ReplayTV	20616, 20614
Runco	20039
Samsung	20240, 20045, 21014
Sanky	20048, 20039
Sansui	20000, 20067, 20209, 20041, 20479, 21479
Sanyo	20047, 20240, 20104
Scott	20184, 20045, 20121, 20043
Sears	20035, 20037, 20047, 20000, 20042, 20104, 21237
Sharp	20048, 20807
Shogun	20240
Singer	20072
Sonic Blue	20616, 20614
Sony	20035, 20032, 20033, 20000, 21232, 20636, 21972
STS	20042
Sylvania	20035, 20081, 20000, 20043, 21781
Symphonic	20000
Systemax	21972
Tagar Systems	21972
Tatung	20041
Teac	20000, 20041
Technics	20035, 20162
Teknika	20035, 20037, 20000
Thomas	20000
Tivo	20618, 20636
TMK	20240
Toshiba	20045, 20043, 21145, 20845, 21972
Totevision	20037, 20240
Touch	21972
Unitech	20240
Vector	20045
Vector Research	20038
Video Concepts	20045
Videomagic	20037
Videosonic	20240
Viewsonic	21972
Villain	20000
Wards	20060, 20035, 20048, 20047, 20081, 20240, 20000, 20042, 20072, 20149
White Westinghouse	20209, 20072
XR-1000	20035, 20000, 20072
Yamaha	20038
Zenith	20039, 20033, 20000, 20209, 21479, 20479
ZT Group	21972



Setup Codes for DVD Players

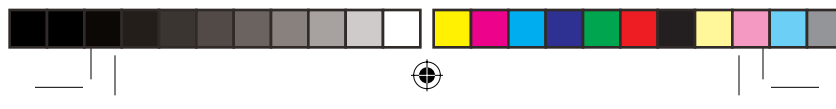
Advent	21016
Akai	20899
Allegro	20869
Apex Digital	20672, 20717, 20794, 20830, 21061, 20755, 20797, 21056, 20796, 21020, 21100
Audiovox	21072, 21071
Axion	21072, 21071
Blaupunkt	20717
Blue Parade	20571
Broksonic	20868, 20695
CineVision	20876, 20869
Coby	21086
Curtis Mathes	21087
CyberHome	21024, 21023, 20816
Daewoo	20784, 20869, 20833
Denon	20490
Dual	21085, 21068
DVD2000	20521
Emerson	20591, 20821, 20675
Enterprise	20591
Fisher	20670
Funai	20675
GE	20522, 20815, 20717
Go Video	20744, 20783, 21075, 20869, 20715, 20833
GPX	20699
Greenhill	20717
Hitachi	20573, 20664
Hiteker	20672
Initial	20717
Jensen	21016
JVC	20558, 20623, 20867
Kenwood	20490, 20534
KLH	20717, 21020
Koss	20651
Lasonic	20798
Magnavox	20503, 20821, 20675
Marantz	20539
Memorex	20695
Microsoft	20522
Mintek	20839, 20717
Mitsubishi	21521, 20521
Nesa	20717
Norcent	21003
Onkyo	20503
Oritron	20651
Panasonic	20490, 21762, 20632, 21490, 21462, 21362
Philips	20503, 20539, 20646, 20885, 20854
Pioneer	20525, 20571, 20632
Polaroid	21061, 21086



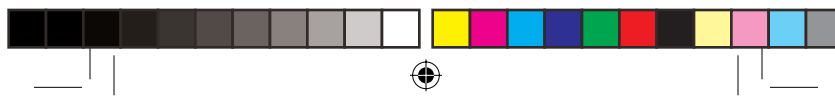
Polk Audio	20539
Prima	21016
Proscan	20522
Qwestar	20651
RCA	20522, 20571, 20717, 21022, 20822
Rio	20869
Rowa	20823
Samsung	20490, 20573, 20820, 21075, 20899
Sansui	20695
Sanyo	20873, 20695, 20670
Sharp	20630
Shinasonic	20533, 20839
Sonic Blue	20869
Sony	20533, 20864, 21033, 22043, 22020
Superscan	20821
Sylvania	20821, 20675
Symphonic	20675
Technics	20490
Theta Digital	20571
Toshiba	20503, 20695, 21045
Tredex	20799
Urban Concepts	20503
US Logic	20839
Xbox	20522
Yamaha	20490, 20539, 20545
Zenith	20503, 20591, 20869

Setup Codes for Stereo Receivers

ADC	30531
Aiwa	31405, 30158, 30189, 31388, 30121, 30405, 31641
Akai	31512
Alco	31390
Amphion Media Works	31615, 31563
AMW	31615, 31563
Anam	31609, 31074
Apex Digital	31430, 31257
Arcam	31120
Audiotronic	31189
Audiovox	31390
Bose	31229, 30639
Brix	31602
Cambridge Sound-works Capetronic Carver	31370 30531 31189, 30189, 30042
Casio	30195
Clarinette	30195
Classic	31352
Coby	31389
Criterion	31420



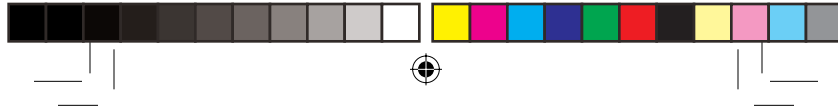
Curtis Mathes	30080
Daewoo	31250
Dell	31383
Harman/Kardon	30110, 30189, 30891
Hewlett Packard	31181
Hitachi	31801
Initial	31426
Integra	31298, 30135
JBL	30110, 31306
JVC	30074, 31495, 31374
Kenwood	31313, 31570, 31569, 30027, 30186, 30042, 30239
KLH	31412, 31390, 31428
Koss	31366
Lasonic	31798
Lenoxx	31437
Linn	30189
Liquid Video	31497
Lloyd's	30195
LXI	30181
Magnavox	31189, 31269, 30189, 30195, 30531, 31514, 30391
Marantz	31189, 31269, 30039, 30189, 31289
MCS	30039
Mitsubishi	31393
Modulaire	30195
Nakamichi	30097
Norcent	31389
Onkyo	30135, 31531, 31298, 30842
Optimus	31023, 30738, 31074, 30181, 30670, 30080, 30531, 30801, 30042, 30186
Oritron	31497, 31366
Panasonic	31518, 30039, 31288, 31763, 30367, 30309, 31316, 31764
Penney	30195
Philco	31390
Philips	31189, 31269, 30189, 31120, 30391, 31266
Pioneer	31023, 30014, 30244, 30150, 30630, 30080, 30531, 31384
Polaroid	31508
Polk Audio	30189, 31289
Proscan	31254
Quasar	30039
RCA	31023, 31609, 31254, 30080, 31074, 31511, 31390, 30531
Realistic	30195, 30181
Regent	31437
Rio	31869, 31383
Saba	31519
Samsung	31500, 31295
Sansui	30189
Sanyo	31469, 31251, 30801
Sharp	31286, 30186



Sharper Image	31556
Sherwood	31653, 30502, 30491
Soundesign	30670
Stereophonics	31023
Sunfire	31313
Teac	30463, 31528, 31390, 31074
Technics	31308, 31518, 30039, 30309
Thorens	31189
Venturer	31390
Victor	30074
Wards	30158, 30189, 30080, 30014
Yamaha	30176, 30186, 31375, 31331, 31176
Yorx	30195
Zenith	31293, 30857, 31869

Setup Codes for Stereo Amplifiers

Aiwa	30406
Bose	30674
Carver	30269
Curtis Mathes	30300
Denon	30160
Durabrand	31561
GE	30078
Harman/Kardon	30892
JVC	30331
Left Coast	30892
Lenoxx	31561
Linn	30269
Luxman	30165
Magnavox	30269
Marantz	30892, 30321, 30269
Nakamichi	30321
NEC	30264
Optimus	30395, 30300
Panasonic	30308, 30521
Parasound	30246
Philips	30892, 30269
Pioneer	30300, 30013
Polk Audio	30892, 30269
RCA	30300
Realistic	30395
Sansui	30321
Shure	30264
Sony	30689, 30815, 30220
Soundesign	30078, 30211
Technics	30521, 30308
Victor	30331
Wards	30078, 30013, 30211
Yamaha	30354, 30143, 30133



REPAIR OR REPLACEMENT POLICY

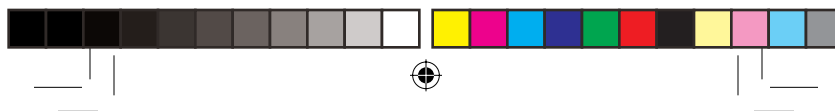
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- a. You are a customer of DIRECTV and your account is in good standing; and
- b. The problem with the DIRECTV Universal Remote Control was not caused by abuse, mishandling, alteration, accident, failure to follow operating, maintenance or environmental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

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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

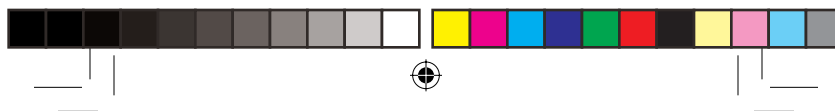
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M2081B for use with the URC2081/2082, DIRECTV Universal Remote Control.

06/05





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.
2. 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