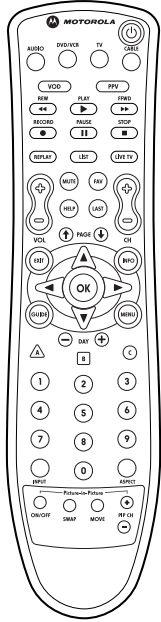




## Motorola DRC800 4-in-1 Universal Remote Control



User Guide

### OVERVIEW

Your new Motorola DRC800 universal 4-in-1 remote operates your Motorola or other manufacturer's cable set-top box and up to three other devices.

In addition, the DRC800 provides advanced features such as Digital Video Recording (DVR) control and Picture-in-Picture (PIP) support.

You can lock volume control to any of these devices, to make adjusting your home entertainment volume easier. See "Changing Volume Lock". The DRC800 comes from the factory without the volume locked to any specific device.

You can also change what type of device each mode key controls. See "Reassigning Device Keys".

### Operating Range

Your remote controls devices from up to 50 ft (15 m) away if you are directly in front of the device, or from up to 20 ft (6 m) away if you are off to either side.

### INSTALLING BATTERIES

Your remote requires 2 AAA batteries. The first set of batteries is included, and should last up to 6 months under normal usage.

1. Remove the battery case cover and the old batteries (if necessary).

2. Follow the diagram inside the battery case to insert the new batteries.

**Note:** Always use new, high quality replacement batteries. Ensure that the batteries are not damaged before inserting them into the remote.

You have ten minutes to replace the batteries before your remote loses memory.

### USING YOUR REMOTE

To select a device to control, simply press one of the device mode keys (**TV**, **AUDIO**, **DVD/VCR**, **CABLE**) at the top of your remote. After you set up the remote to control that device, you may begin using the device.

See "Programming Device Control" for more information on identifying a specific device to a device key.

Press this Key	To...
----------------	-------

Turn the selected device ON or OFF

**Audio, DVD/VCR, TV, Cable** Select a device

Direct access to Video On Demand (VOD), where available

Direct access to Pay Per View (PPV) programming (where available)

Rewind VCR, DVD, VOD, DVR, or HTIB

Play VCR, DVD, VOD, DVR, or HTIB

Fast Forward VCR, DVD, VOD, DVR, or HTIB

Record to VCR or DVR

Pause VCR, DVD, VOD or DVR

Stop VCR, DVD, VOD or DVR

Replay the previous few seconds of a program (only available with DVR models)

Display a list of programs that you recorded. This will allow you to select one for viewing (only available with DVR models)

Press this Key	To...
----------------	-------

Displays live television programming (only available with DVR models)

Mute current audio feed

Jump among pre-selected favorite channels (only available in CABLE mode)

**Note:** Favorite channels must be pre-selected through the Electronic Programming Guide before this key works.

Display the help screen (only available in CABLE mode)

Return to last selected channel

Increase or decrease volume

Select the next or previous channel

Move up or down through menu screens or the Electronic Program Guide

Exit any On-Screen Display (OSD) and return to regular viewing

Display channel and program information

Access the cable guide

Access any OSD for the currently selected device

Move up through any OSD or cable guide menu

Move down through any OSD or cable guide menu

Move left through any OSD or cable guide menu

Move right through any OSD or cable guide menu

Select the currently highlighted OSD menu or cable guide choice

View the previous or next day's cable guide

Press this Key	To...
----------------	-------

These functions are set by your cable provider

These functions are set by your cable provider

These functions are set by your cable provider

Enter a channel or device code number. To access channels lower than 100, you may need to enter 3 digits.

For example, to access channel 2, press 0-0-2. For channel 22, press 0-2-2.

**Input** Select the video source

**Aspect** Change the viewing aspect (if available)

**PIP ON/OFF** Turn Picture-in-Picture (PIP) on or off (if available)

**PIP SWAP** Swap the PIP signal to the main display (if available)

**PIP Move** Move the position of the PIP display

**PIP CH +/-** Select the next or previous channel in the PIP display (the main display does not change)

### PROGRAMMING DEVICE CONTROL

Each of the additional device keys controls a particular type of device. For example, the **DVD/VCR** key controls your VCR, DVR, or DVD player, but not your TV, unless you specify otherwise. See "Reassigning Device Keys".

This device key...	Controls this type of device...
TV	TV
DVD/VCR	DVD, VCR, DVR, HTIB, TV/VCR, TV/VCR/DVD, and TV/DVD
Cable	Cable box <i>only</i>
Audio	Amplifier, Tuner

To specify a device

1. Look up the device you want to control in the device code list on the back of this guide.
2. Press and hold a device key (**AUDIO**, **DVD/VCR**, or **TV**) for at least six seconds. The LEDs for

each device key light up, then the LED for the device you selected remains on.

3. Enter the four-digit code. The device key LED turns off briefly after each key press.

**Note:** You have 10 seconds to press each digit. If it takes longer than that, the remote “times out” and you must begin again.

4. If the remote recognizes the code, the device key’s LED blinks three times. You can now test the remote by pressing **POWER**. If your device responds (turns off), you have found the right code. If your device does not respond, repeat steps 2 - 3 with the next code in the list..

If the remote does not recognize the code, the LED will turn off. Retry the code (by repeating steps 2-3 using the next code listed for your brand), or search for a device code. See “Searching for Codes”.

## SEARCHING FOR CODES

If none of the codes listed under “Device Codes” on the back of this guide match your device, you can search for a set of commands that will work. Your remote will sample all the codes in its system for that device mode to find one that will allow you to control your device.

1. Press and hold a device mode key (**AUDIO**, **DVD/VCR**, or **TV**) for at least six seconds. The LED for each device key lights up, then the key for the device you selected remains on.
2. Press a function key (such as **Power** or **Mute**). The following function keys are valid for Searching (**Power** is recommended):
  - **Power**
  - **Mute**
  - **Play**
  - **CH +**
  - **Stop**

The device key’s LED blinks three times, then turns off.

3. Press **▲**. The remote will send the IR command for the function you pressed in Step 2.
4. If the device performed the function you pressed, press **OK**. The remote will now control the device you selected in Step 1.  
If the device did not perform the function you pressed, repeat step 3. Press **▼** to retry the previous code.

**Tip:** Note the code set that worked, in case you must re-code your remote:

**DVD/VCR:**

**TV:**

**AUDIO:**

See “Checking Codes” for more information on noting code sets.

## CHECKING CODES

1. Press and hold a device mode key (**AUDIO**, **DVD/VCR**, or **TV**) for at least six seconds. The LEDs for each device key light up, then the key for the device you selected remains on.
2. Enter **9 9 0** to tell the remote you are verifying the device code. The LED blinks twice.
3. Press **1**, then count the LED blinks and write down the number. If the LED does not blink, the number is **0**. This is the first digit of the device code. Press **2**, **3**, and **4** to obtain all four-code digits.

## CHANGING VOLUME LOCK

Locking the volume controls to a single device makes it easier to control volume, without having to guess whether the volume will change. If you lock the remote’s volume controls to the TV (for example), you will always be able to change the volume to the level you want, without having to adjust it on multiple devices.

1. Press and hold the device mode key (**TV**, **AUDIO**, **DVD/VCR**, or **Cable**) corresponding to the device you want to control volume for at least six seconds. The LED for each device key lights up, then the key for the device you selected remains on.
2. Press **Volume +**.

The device key’s LED blinks three times, indicating it has locked the volume control to the device you selected. The **AUDIO** device key always controls its own volume, regardless of the device is locked to volume control.

**Note:** If you reassign **AUDIO** to another device, such as a second TV, the second TV will always control its own volume.

### Unlocking Volume Control:

1. Press and hold a device mode key (**TV**, **AUDIO**, **DVD/VCR**, or **Cable**) corresponding to the device currently locked to the volume controls for at least six seconds. The LED for each device key lights up, then the key for the device you selected remains on.
2. Press **Volume -**.

The device key’s LED blinks three times, indicating it has unlocked the volume control for all devices.

## REASSIGNING DEVICE KEYS

Each device key accesses a specific type of device (for example, the **DVD/VCR** key can only be programmed to control a DVD player, VCR, DVR, or HTIB system). This makes it easier to search for a code if your device’s code does not appear on the list provided.

Your new remote allows you to change the type of device that may be assigned to a device key. That way, if you have two TVs, for example, you can control them both by changing the type of device the **DVD/VCR** or **AUDIO** key controls.

1. Press and hold the device mode key (**TV**, **AUDIO**, **DVD/VCR**, or **Cable**) corresponding to the type of device you want the reassigned key to control (for example, **TV**) for at least six seconds. The LED for each device key lights up, then the key for the device you selected remains on.
2. Enter **9 9 2**.
3. Press the device mode key you want to reassign (for example, **AUDIO**). That mode key’s LED blinks three times and turns off, indicating that it has been reassigned.

The reassigned key automatically uses the same device code as the key you selected in Step 1. If your second device uses a different code, you may program it for the new code. See “Programming Device Control”.

**Note:** You may not reassign the **Cable** device key to another type of device.

### Assigning a Key back to Its Original Device Type:

1. Press and hold the device mode key (**TV**, **AUDIO**, **DVD/VCR**, or **Cable**) you want to reset to its original type (for example, **AUDIO**) for at least six seconds. The LED for each device key lights up, then the key for the device you selected remains on.
2. Enter **9 9 2**. The mode key’s LED blinks three times and turns off.
3. Press the device mode key you selected in Step 1 again. The mode key’s LED blinks three times and turns off.
4. Program the restored mode key to control a device. See “Programming Device Control”.

## TROUBLESHOOTING

If you have trouble with your remote, try the following steps in order.

### My remote is not responding

- Review the information in “Using Your Remote” to make sure that the key you pressed is active for the device you are controlling.
- Make sure you are controlling the device you think you are. See “Using Your Remote” for more information on choosing a device to control.
- Make sure your batteries are good. If battery power is low, your remote enters a “Low Battery Condition” to conserve battery power for retaining your settings. See “Installing Batteries” for more information on changing the batteries.
- Reset all settings:
  - Press and hold a device mode key (**TV**, **AUDIO**, **DVD/VCR**, or **Cable**) or at least six seconds. The LED for each device key lights up, then the key for the device you selected remains on.
  - Enter **9 8 1**.

The LED blinks twice to indicate that your remote is returned to its factory settings. You will need to reset all device code settings. See “Programming Device Control”.

## ADDITIONAL INFORMATION

The Motorola DRC800 does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to your Motorola remote control.

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M1072BA2

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6,587,067  
6,195,033  
6,496,135

## DEVICE CODES

### Audio Amplifiers

GE	0078
JVC	0331
Modulaire	0395
Optimus	0395
Radio Shack	0395
Realistic	0395
Sony	0689
Soundesign	0078
Victor	0331
Wards	0078
Yamaha	0354

### Cable Converters (Set Top Boxes)

Cisco	1877
Comcast	1982
Director	0476
General Instrument	0476
Insight	0476
Jerrold	0476
Motorola	1376, 0476
Pace	1877
Pioneer	1877
Scientific Atlanta	1877

### Audio Amp/Tuners

ADC	0531
Anam	1609
Arcam	1189
Audiotronic	1189
Bose	1229
Capetronic	0531
Carver	1189
Curtis Mathes	0014
Denon	1360
Emerson	0531
Harman/Kardon	1304
Integra	0135, 0842
JVC	1058, 0074
Magnavox	1189, 1269, 0531
Marantz	1189, 1269, 0039
MCS	0039
Micromega	1189
Myryad	1189
Nakamichi	1313
Onkyo	0135, 0842
Optimus	1023, 0074, 0014, 0531
Panasonic	1308, 1518, 0039
Pennycy	0039
Philips	1189, 1269, 0531
Pioneer	1023, 0014, 0531
Proscan	1254
Quasar	0039
RadioShack	1609
RCA	1023, 1609, 1254, 0531
Realistic	1609
Samsung	1304
Sansui	1189
Sony	1759, 1058, 1441, 1258
Stereophonics	1023
Sunfire	1313
Technics	1308, 1518, 0039
Thorens	1189
Toshiba	0135, 0842
Victor	0074
Wards	0014
Yamaha	1023, 0176, 1276, 1375

### Home Theater in a Box (HTIB) Systems

#### Controlled by the Audio/Tuner key

Anam	1609
Bose	1229
RCA	1609
Yamaha	1375

#### Controlled by the DVD key

Audiovox	0790
Bose	1895
KLH	0790
Panasonic	1907, 1990

Polk Audio	0539
RCA	0790
Rio	0869
Samsung	1932
Sonic Blue	0869
Sony	1903, 1934
Teac	0790
Venturer	0790

### TVs

A-Mark	0047, 0054
Accucam	0047
Action	0030
Admiral	0047, 0054, 0017, 0051, 0093, 0463, 0180
Advent	0783
Adventuri	0000
Agna	0150
Aiko	0092
Alkal	0812, 1675, 0030, 0072
Alfide	0072
Allerom	0030
Ambassador	0150
America Action	0180
American High	0000
Amtron	0000, 0180
Anam	0180
ADC	0180, 0030
Apex Digital	0156, 0748, 0079, 0785
Audmax	0180
Audiovox	0451, 0180, 0092, 0802, 0875
Baysonic	0180
Beaumarck	0017, 0178, 0030
Belcor	0030
Bell & Howell	0054, 0154, 0093
BenQ	1032
Bradford	0180
Brookwood	0178, 0030
Broksonic	0236, 0463, 0180
Candle	0030
Capeshart	0017, 0178, 0030, 0092
Carnivale	0030
Carver	0054
Celebrity	0000
Celera	0765
Changhong	0156, 0765, 0783
Cineral	0451, 0092
Click	0047
Citizen	0000, 0054, 0451, 0463, 0180, 0030, 0092
Clarion	0180
Classic	0030, 0092
Colorzyme	0047, 0054, 0017, 0178, 0030
Commercial Solutions	1447, 0047
Conic	0178
Contec	0180
Craig	0180
Crosley	0000, 0054, 0180, 0030
Crowo	0093, 0180, 0072
Crown Mustang	0072
Curtis Mathes	0000, 0047, 0054, 0154, 0051, 0451, 0093, 0180, 0178, 0030, 0166, 1347
CCX	0180
Dacwoo	1755, 0451, 0178, 0092, 1661, 0661, 0672, 1756
Dayton	0092
Daytron	0178, 0030, 0092
Dell	1264, 1080
Dumont	0017, 0180, 0178
Duralbrand	0463, 0180, 0178, 1034
Drvin	0093
Electroband	0000
Electrograph	1755
Electrohome	0000, 0154, 0463, 0150, 0178, 0030
Emerald	0178
Emerson	0047, 0017, 0154, 0451, 0236, 0463, 0180, 0150, 0178, 1394
Evison	0030, 0813
ESA	0812
Fisher	0000, 0054, 0154
Fortress	0093
Fujitsu	0809, 0683, 0853
Funai	0000, 0180
Futurtech	0180
Gateway	1755, 1756
GE	0000, 1447, 0047, 0051, 0451, 0178, 0030, 1347
Gemini	0047
Gibralter	0000, 0017, 0030
GoldStar	0047, 0054, 0178, 0030
Grundig	0672, 0683
Grundy	0180
Grumpy	0180
Hallmark	0236, 0180, 0178
Harley Davidson	0000, 0180, 0178, 0030
Harman/Kardon	0054
Harvard	0180
Havermy	0093

Healthkit	0017
Hellon	0865
Hello Kitty	0451
Hewlett Packard	1494
Hiisenc	0748
Hiachi	0000, 0047, 0054, 0017, 0051, 1145
HP	1494
Hyundai	0865
Ilo	1990
Ima	0236, 0180, 0178
Infinity	0054
Initial	1990
Insignia	1564, 1641, 1710
Inteq	0017
JBL	0054
JCB	0000
Jensen	0761
JLL	0030
Juan	0030
JVC	0054, 0030, 0650, 1253
Kamp	0017, 0180
Kawasho	0030
KEC	0180
Kenwood	0180, 0030
KLH	0156, 0180, 0765
Kloss	0030
Konka	0180
KTV	0463, 0180, 0030
Lark	0154
LG	0054, 0017, 0178, 0030, 0856
Lloyd's	0236, 0180, 0030
Logik	0236, 0180
LXI	0000, 0047, 0054, 0017, 0154, 0156, 0051, 0093, 0178, 0030, 0166
Magnasonic	0000, 0054, 0156, 0093, 0030, 0092
Magnavox	0000, 0230, 1454, 1755, 0047, 0054, 0154, 0051, 0180, 0030, 0092, 0802, 1254, 1990
Majestic	0017
Marantz	1454, 0054, 0030, 0704, 0855
Matsushita	0250, 0051, 0650
Maxent	1755, 1756
Megatron	0047, 0178
Memorex	0154, 0463, 0180, 0150, 0178, 0030
MGA	0150, 0178, 0030
MGN Technology	0178
Micro Genius	0150
Midland	0047, 0017, 0051
Mintek	1990
Mitsubishi	0154, 1250, 0093, 0150, 0178, 0030, 0036
Motonsa	0054, 0051, 0093, 0150
MTC	0180, 0030, 0092
Multitech	0180
NAD	0156, 0178, 0166, 0866
NEC	0047, 0178, 0030, 0704, 1704
NetTV	1755
Nikko	0178, 0030, 0092
Nikkodo	0178, 0030, 0092
Nushi	0030
Norcent	0748, 0824
NTC	0092
Nyon	0000
Olevia	1610, 1240
Oowa	0180
Optimus	0250, 0154, 0093, 0180, 0130, 0178, 0030, 0166, 0650
Optonica	0093
Orion	0017, 0236, 0463, 0180, 0178
Pace	0092
Panasonic	0000, 0250, 1480, 1487, 0054, 0156, 0051, 0236, 0030, 0650
Panonic	0030
PCE	0156
Pennycy	0000, 0250, 0047, 0156, 0051, 0178, 0030, 1347
Petters	1523
Phiko	0054, 0463, 0030, 1394
Philips	1454, 0054, 0030, 0090, 1254, 1744, 1867
Pilot	0051, 0178, 0030
Pioneer	1457, 0166, 0679, 0866, 1260
Polaroid	1523, 0765, 0865
Portland	0451, 0092
Precision	0236, 0180
Prima	0761, 0783
Prism	0250, 0051
Proscan	1447, 0047, 1347
Proton	0178
Pulsar	0017, 0092
Pulsar	0178, 0092
Quartz	0156, 0178
Quasar	0250, 0051, 0650
Rabbit	0047
RadioShack	0047, 0154, 0180, 0150, 0178, 0030
RCA	0000, 1547, 1447, 0047, 0054, 0051, 0093, 0178, 0679, 1347
Realistic	0047, 0154, 0180, 0150, 0178, 0030
Ranco	0017, 0030
Samps	1755, 0047, 0030, 1756

Samsung	0812, 0047, 0054, 0017, 0154, 0178, 0030, 0650, 0766, 0814, 1060
Sanky	0030
Sansui	0463, 0030
Sanyo	0000, 1755, 0047, 0054, 0154, 0463, 1142
Scotch	0178
Scott	0236, 0180, 0178, 0030
Sears	0000, 0047, 0054, 0017, 0154, 0156, 0051, 0093, 0178, 0030, 0166
Sharp	0818, 0054, 0093, 0180
Sheng Chia	0093
Shivaki	0178
Signature	0047, 0093, 0030
Simpson	0178, 0030
Singer	0092
Solar Drape	0000
Sony	1100, 0000, 0017, 0154, 0130, 1685
Soundesign	0180, 0178
Spectravision	0156, 0178
SR2000	0154
SSS	0180
Starlite	0236, 0180
Superscan	0093, 0864
Supreme	0000
SV2000	0054
SVA	0748, 0865
Sylvania	0000, 1864, 0047, 0054, 0154, 0051, 0178, 0030, 0092, 1394
Symphonic	0000, 0180, 0178
Syntax	1610, 1240
Tandy	0093
Tatung	0000, 0051, 1756
Teac	0154
Technics	0250, 0054, 0051
Technovox	0030
Techwood	0250, 0051
Teknika	0054, 0463, 0180, 0150, 0178, 0092
Telecolor	0017
Thomas	0047, 0178
Thomson	1447, 0047
TMK	0236, 0180, 0178
TNGI	0017
Docom	0156
Toshiba	0154, 0156, 0150, 1145, 0166, 0050, 0845, 1704
Totevision	0051
Toymenka	0178
Trustone	0250, 0051
TYS	0463
Ultra	0092
Universal	0047
V	1755, 0864, 0885, 1756
Vector Research	0030
Vidikon	0054
Vidtech	0178
Viewsonic	1755, 0857, 0864, 0885
Vione	0054
Vizio	1758, 1755, 0864, 0885, 1756
Wards	0000, 0047, 0054, 0017, 0154, 0051, 0093, 0236, 0178, 0030, 0166, 0866
Waycon	0156
Welton	0178
Westinghouse	0000, 0451, 0885, 0889
White Westinghouse	0451, 0236, 0463, 0889
World	0451, 0236, 0463, 0180
XR-1000	0154, 0180
Yamaha	0030, 0650
Yors	0030
Zenith	0000, 0812, 0047, 0017, 0093, 0463, 0178, 0030, 1145, 0092

### TV/DVD Combination Devices

#### Controlled by the TV key

Akai	1675
Emerson	1394
Ilo	1990
Initial	1990
Magnavox	1990
Mintek	1990
Polaron	1523
Sylvania	1864, 1394

#### Controlled by the DVD key

Akai	0695
Apex Digital	0030
Broksonic	0695
Citizen	0695
Emerson	0675, 1268
ESA	1268
Funai	1268
GFM	1268
Insignia	1268
Magnavox	1268
Philips	0854
RCA	1022
Samsung	0899
Sansui	0695

Sylvania	0675,1268
Toshiba	0695

## TV/VCR Combination Devices Controlled by the TV Key

America Action	0180
Audiovox	0180
Emerson	0236

## Controlled by the VCR key

Broksonic	1479
Citizen	1278
Curtis Mathes	1035
Daewoo	1278
Emerson	1278, 1479
Funai	0000
GE	0807, 1035, 1060
GoldStar	1237
Harley Davidson	0000
Hitachi	0000
Lloyd's	0000
Magnasonic	1278
Magnavox	0000, 1781
Memorex	0162, 1237
Mitsubishi	0807
Optimus	0162
Orion	1479
Panasonic	0162, 1035
Peasey	1035, 1237
Qasar	0162, 1035
RadioShack	0000
RCA	0807, 1035, 1060
Samsung	1014
Sansui	0000, 1479
Secars	0000, 1237
Sony	1232, 0000
Sylvania	1781
Symphonic	0000
Thomas	0000
Toshiba	1145
Zenith	0000, 1479

## TV/VCR/DVD Combination Devices Controlled by the VCR Key

Sharp	0807
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## Controlled by the DVD key

Alai	0899
Broksonic	0868
Emerson	0821
ESA	0821
Magnavox	0821
Panasonic	1362
Sharp	0630
Superscan	0821
Sylvania	0821
Symphonic	0821
Toshiba	1045

## VCRs

A-Mark	0000
Accurian	0000
Admiral	0060, 0039
Adventara	0000
Alwa	0000
Allegro	0039
Amstrad	0000
Avia	0000
Bell & Howell	0039, 0000
Broksonic	0184, 1479
Citizen	0000, 1278
Colortyme	0060
Coh	0000
Criterion	0000
Crosley	0000
Curtis Mathes	0060, 0162, 0000, 1035
Daewoo	1278
Danon	0042
DirectTV	0739
Dual	0000
Durabrand	0039
Dynatech	0000
Electrohome	0060, 0000, 0043
Emerald	0184
Emerson	0184, 0000, 0043, 1278, 1479
Fisher	0039, 0000
Fuji	0033
Fujitsu	0000
Funai	0000
Garrard	0000
GE	0060, 0000, 0807, 1035, 1060
Gemini	0060
Genecca	0000
Go Video	0614

GoldStar	0039, 0000, 1237
Goodmans	0000
Gradiente	0000
Granada	0042
Harley Davidson	0000
Hi-Q	0000
Hitachi	0000, 0042
Hughes Network Systems	0739, 0042
Humax	0739
Hytek	0000
Jensen	0067
JVC	0067
Kenwood	0067
KTV	0000
Lloyd's	0000
Logik	0000
LXI	0000, 0042, 0067
Magnasonic	0000, 1278
Magnavox	0039, 0000, 0618, 1781
Matsushita	0162
Memorex	0162, 0039, 0000, 1237
MGA	0060, 0043
Minolta	0042
Mitsubishi	0060, 0000, 0042, 0067, 0043, 0807
MTC	0000
MTX	0000
Multitech	0039, 0000
NEC	0067
Olympus	0162
Optimus	0162, 0000
Orion	0184, 0000, 1479
Panasonic	0162, 0000, 0225, 0614, 0616, 1035
Penney	0162, 0000, 0042, 0067, 1035, 1237
Pentax	0042
Philco	0000
Philips	0739, 0162, 0000, 0616, 0618
Pioneer	0162, 0042, 0067
Proscan	0060, 1060
Prosc	0000
Pulcar	0039
Quasar	0162, 1035
RadioShack	0162, 0000
RCA	0060, 0000, 0042, 0807, 0880, 1035, 1060
Realistic	0162, 0000
ReplayTV	0614, 0616
Rimco	0039
Samsung	0739, 0060, 0000, 1014
Sansky	0039
Sansui	0000, 0067, 1479
Sanyo	0000
Scott	0184, 0043
Sears	0060, 0162, 0039, 0033, 0000, 0042, 0067, 0043, 1237
Sharp	0000, 0807
Shinton	0039, 0000
Signature	0060, 0000
Sonic Blue	0614, 0616
Sony	1232, 0033, 0000, 0067, 0636
Soundmaster	0000
STS	0042
SV2000	0000
SVA	0000
Sylvania	0000, 0043, 1781
Symphonic	0000
Tandy	0000
Tatung	0000, 0067
Tec	0000, 0067
Technics	0162, 0000
Teknika	0000
Thomas	0000
Thomson	0060
Tivo	0739, 0618, 0636
TMK	0000
Toshiba	0000, 0043, 1145
Vector Research	0184
Victor	0067
Videosonic	0000
Villain	0000
Wards	0060, 0033, 0000, 0042, 0043
White Westinghouse	0000
XR-1000	0000
Zenith	0039, 0033, 0000, 1479

## DVD/VCR Combination Devices Controlled by the VCR key

Accurian	0000
Hitachi	0000
Magnavox	0000
RLA	0060
Sylvania	0000
Symphonic	0000

## Controlled by the DVD key

Accurian	0675
Allegro	0869
Apex Digital	1061

Broksonic	0695
Cine-Vision	0833, 0869
Daewoo	0833, 0869
Emerson	0675
Funai	0675
GM	0675
Go Video	0715, 0741, 0833, 0869, 1075
GoldStar	0741
Hitachi	0664
JVC	0867
LG	0741
Magnavox	0675
Memorex	0695
Panasonic	1762
Philips	0675
Polaroid	1061
Presidian	0675
RCA	0522, 0822
Samsung	0820, 1075
Sansui	0695
Sampo	0670, 0873
Sharp	0630
Sony	0864, 1033, 1431
Sylvania	0675
Symphonic	0675
Toshiba	0503
Zenith	0741, 0869

## DVR Devices

DirectTV	0739
Go Video	0614
Hughes Network Systems	0739
Humax	0739
Panasonic	0614, 0616
Philips	0739, 0618
RCA	0880
ReplayTV	0614, 0616
Samsung	0739
Sonic Blue	0614, 0616
Sony	0636
Tivo	0739, 0618, 0636

## DVDs

3D-LAB	0503, 0539
Accurian	0675
Alwa	0533
Alai	0695, 0809
Alfa	0672
Allegro	0869
Apex Digital	0533, 0672, 1061
Audiovox	0790
Blue Parade	0571
Blue Sky	0695
Bose	1895
Broksonic	0695, 0868
California Audio Labs	0490
Centrex	0672
Cine-Vision	0833, 0869
Citizen	0695
Clairtone	0571
Creative	0503, 0539
Curtis Mathes	1087
CyberHome	0816
Daewoo	0794, 0833, 0869
Danon	0490, 2258
Digitrex	0672
Disney	0675, 1270
Dual	0675
DVD2000	0521
Electrohome	1003
Emerson	0591, 0675, 0821, 1268
Enterprise	0591
Entivo	0503, 0539
ESA	0821, 1268
Fisher	0670
Funai	0675, 1268
GE	0522, 0815
GM	0675, 1268
Go Video	0573, 0715, 0741, 0783, 0833, 0869, 1075
GoldStar	0741, 0869
Goodmans	0790
Gradiente	0490
Grundig	0539
Hitachi	0573, 0664
Hitek	0672
ilo	1348
Insigntia	1268
Integra	0571, 1769
IRT	0783
JMB	0695
JVC	0558, 0623, 0867
Kawasaki	0790
Kenwood	0490, 0534
KLH	0790
Kloss	0533
Koss	1061

Lecton	1533
LG	0591, 0741, 0869
LiteOn	1058
Loewe	0741
Logix	0783
Magnasonic	0675
Magnavox	0503, 0539, 0646, 0675, 0821, 1268, 1354
Marantz	0503, 0539, 0675
Mclintosh	1533
Memorex	0695, 1270
Microsoft	0522, 2083
Mitsubishi	1521, 0521
NAD	0741
NEC	0869
Noxent	1003
Onkyo	0503, 1769
Optimus	0571
Palsonic	0672
Panasonic	0490, 0503, 0571, 0632, 1362, 1641, 1762, 1907, 1990
Philco	0675
Philips	0503, 0539, 2056, 2084, 0666, 0675, 0854, 1354
Pioneer	0525, 0571, 0142, 0631, 0632
Polonoid	1061
Polk Audio	0539
Presidian	0675
Proced	0672
Proscan	0522
Radionette	0741
RadioShack	0571
RCA	0522, 0571, 1769, 0790, 0822, 1022
Realistic	0571
Rio	0869
Rotel	0623
Samsung	0490, 0573, 0199, 0820, 0899, 1075, 1932
Sansui	0695
Sampo	0670, 0675, 0695, 0873
Schneider	0785
Sharp	0630, 0675, 1256, 2250
Shinasonic	0533
Slim Art	0784
Sonic Blue	0573, 0715, 0783, 0869
Sony	1533, 0533, 0864, 1033, 1431, 1516, 1903, 1934
Superscan	0821
Sylvania	0675, 0821, 1268
Symphonic	0675, 0821, 1268
Tec	0571, 0790
Technics	0490
Theta Digital	0571
Thomson	0522
Tivo	1503
Toshiba	0503, 0573, 0539, 1769, 0695, 1045, 1303
Univernum	0591
Urban Concepts	0503, 0539
Venturer	0790
Xbox	0522, 2083
Yamaha	0490, 0539, 0646, 0545
Zenith	0503, 0591, 0741, 0869
Zeus	0784

## HD DVD

Denon	2258
Integra	1769
LG	0741
Microsoft	2083
Onkyo	1769
Panasonic	1641
Philips	2084
Pioneer	0142
RCA	1769
Samsung	0199
Sharp	2250
Sony	1516
Toshiba	1769
Xbox	2083