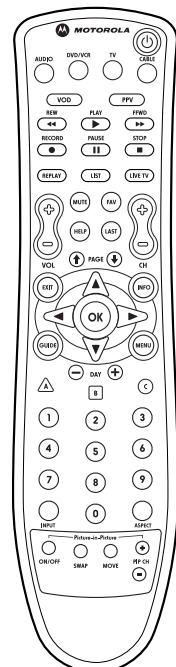




## Motorola DRC800 4-in-1 Universal Remote Control



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
<b>Audio, DVD/VCR, TV, Cable</b>	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)
	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.
<b>Input</b>	Select the video source
<b>Aspect</b>	Change the viewing aspect (if available)
<b>PIP ON/OFF</b>	Turn Picture-in-Picture (PIP) on or off (if available)
<b>PIP SWAP</b>	Swap the PIP signal to the main display (if available)
<b>PIP Move</b>	Move the position of the PIP display
<b>PIP CH +/-</b>	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, 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.

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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6,496,135

