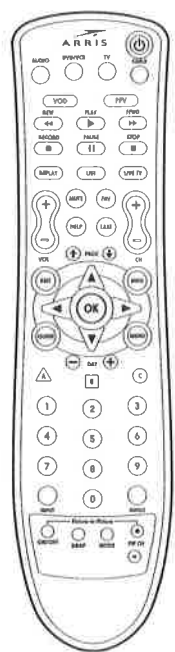


# ARRIS

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



User Guide

### OVERVIEW

Your new ARRIS DRC800 universal 4-in-1 remote operates your ARRIS 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
<b>VOD</b>	Direct access to Video On Demand (VOD), where available
<b>PPV</b>	Direct access to Pay Per View (PPV) programming (where available)
<b>REW</b>	Rewind VCR, DVD, VOD, DVR, or HTIB
<b>PLAY</b>	Play VCR, DVD, VOD, DVR, or HTIB
<b>FFWD</b>	Fast Forward VCR, DVD, VOD, DVR, or HTIB
<b>RECORD</b>	Record to VCR or DVR
<b>PAUSE</b>	Pause VCR, DVD, VOD or DVR
<b>STOP</b>	Stop VCR, DVD, VOD or DVR
<b>REPLAY</b>	Replay the previous few seconds of a program (only available with DVR models)
<b>LIST</b>	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...
<b>LIVE TV</b>	Displays live television programming (only available with DVR models)
<b>MUTE</b>	Mute current audio feed
<b>FAV</b>	Jump among pre-selected favorite channels (only available in CABLE mode)
<b>HELP</b>	Display the help screen (only available in CABLE mode)
<b>LAST</b>	Return to last selected channel
<b>VOL +/-</b>	Increase or decrease volume
<b>CH +/-</b>	Select the next or previous channel
<b>PAGE</b>	Move up or down through menu screens or the Electronic Program Guide
<b>EXIT</b>	Exit any On-Screen Display (OSD) and return to regular viewing
<b>INFO</b>	Display channel and program information
<b>GUIDE</b>	Access the cable guide
<b>MENU</b>	Access any OSD for the currently selected device
<b>▲</b>	Move up through any OSD or cable guide menu
<b>▼</b>	Move down through any OSD or cable guide menu
<b>◀</b>	Move left through any OSD or cable guide menu
<b>▶</b>	Move right through any OSD or cable guide menu
<b>OK</b>	Select the currently highlighted OSD menu or cable guide choice
<b>DAY</b>	View the previous or next day's cable guide

Press this Key	To...
<b>▲</b>	These functions are set by your cable provider
<b>■</b>	These functions are set by your cable provider
<b>○</b>	These functions are set by your cable provider
<b>① ② ③</b> <b>④ ⑤ ⑥</b> <b>⑦ ⑧ ⑨</b> <b>⑩</b>	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, 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 ARRIS DRC800 does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to your ARRIS remote control.

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## DEVICE CODES

### Audio Amplifiers

GE	0078
JVC	0331
Modulaire	0395
Optimus	0395
Radio Shack	0395
Realistic	0395
Sony	0589
Soundesign	0078
Victor	0331
Wards	0078
Yamaha	0354

### Cable Converters (Set Top Boxes)

Cisco	1877
Comcast	1982
Direcstar	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
Myrrail	1189
Nakamichi	1313
Onkyo	0135, 0842
Optimus	1023, 0074, 0014, 0531
Panasonic	1308, 1518, 0039
Pennacy	0039
Phillips	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
Technica	1308, 1518, 0039
Thorens	1189
Toshiba	0135, 0842
Victor	0074
Wards	0014
Yamaha	1023, 0176, 1276, 1375

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

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
Ken	0869
Samsung	1932
Sonic Blue	0869
Sony	1903, 1934
Tec	0790
Venturer	0790

### TVs

A-Mark	0047, 0054
American	0047
Antina	0030
Admiral	0047, 0054, 0017, 0051, 0093, 0463, 0180
Advent	0023
Advestari	0000
Agas	0130
Alka	0092
Alkal	0012, 1475, 0030, 0472
Allie	0672
Alison	0030
Amesdel	0150
America Action	0180
American High	0000
Amtron	0000, 0180
Anam	0180
AONC	0180, 0030
Apex Digital	0156, 0748, 0879, 0743
Audimax	0180
Audimax	0451, 0180, 0092, 0002, 0075
Bayonic	0180
Beaumarck	0017, 0178, 0030
Belton	0030
Bell & Howell	0054, 0154, 0093
BeaQ	1032
BeaQ	0180
Blackwood	0178, 0030
Brokasin	0236, 0463, 0180
Candle	0030
Capdant	0017, 0178, 0030, 0092
Celestia	0030
Carver	0054
Cedevity	0000
Cetra	0745
Changhong	0136, 0765, 0783
Cleart	0451, 0092
Clik	0047
Cisare	0000, 0054, 0451, 0463, 0180, 0030, 0092
Clevis	0130
Classic	0030, 0092
Colortyme	0047, 0054, 0017, 0178, 0030
Comercial Solutions	1447, 0047
Clevis	0178
Clevis	0180
Craig	0180
Credley	0000, 0054, 0180, 0030
Cross	0093, 0180, 0072
Cross Mustang	0072
Curtis Mathes	0000, 0047, 0054, 0154, 0051, 0451, 0093, 0180, 0178, 0030, 0166, 1347
CKI	0180
Dueroo	1755, 0451, 0178, 0092, 1641, 0661, 0472, 1758
Deyco	0092
Deyton	0178, 0030, 0092
Dell	1264, 1980
Dumont	0017, 0180, 0178
Durabond	0463, 0180, 0178, 1034
Dvix	0093
Electroband	0000
Electrograph	1755
Electrohome	0000, 0154, 0463, 0150, 0178, 0030
Emerald	0178
Emerson	0047, 0017, 0154, 0451, 0336, 0403, 0180, 0150, 0178, 1394
Estrelia	0050, 0013
ESA	0012
Fisher	0000, 0054, 0154
Futress	0093
Fujitsu	0809, 0683, 0453
Fusai	0000, 0180
Fusiontech	0180
Galaxy	1755, 1756
GE	0000, 1447, 0047, 0051, 0451, 0178, 0030, 1347
Genial	0047
Gibberker	0000, 0017, 0030
Gibberker	0047, 0054, 0178, 0030
Grundig	0672, 0683
Grady	0180
Goupy	0180
Hallmark	0236, 0180, 0178
Hanley Davidson	0000, 0180, 0178, 0030
Hanman/Kardon	0054
Harvard	0180
Haveray	0093

Healthkit	0017
Helia	0043
Helia Kitty	0453
Hewlett Packard	1454
Hissman	0740
Hitech	0000, 0047, 0054, 0017, 0051, 1145
HP	1494
Hyundai	0043
Ilo	1990
Iona	0236, 0180, 0178
Infinity	0054
Intial	1990
Intopia	1564, 1641, 1710
Inteq	0047
JBK	0034
JCB	0000
Jinaco	0761
Jill	0030
Jill	0030
Juan	0030
JVC	0034, 0034, 0630, 1253
Kamp	0017, 0180
Kawabo	0030
KHC	0180
Kerwinoff	0180, 0030
KLH	0156, 0180, 0745
KLH	0030
Konka	0180
KTV	0463, 0180, 0030
Laik	0154
LG	0054, 0017, 0178, 0030, 0856
Lloyd's	0236, 0180, 0030
Logik	0236, 0180
LXI	0000, 0047, 0054, 0017, 0154, 0154, 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
Marnata	1454, 0054, 0030, 0704, 0855
Mitsubishi	0230, 0051, 0650
Munsat	1755, 1756
Magnavox	0047, 0178
Memorex	0154, 0463, 0180, 0150, 0178, 0030
MGA	0150, 0178, 0030
MGM Technology	0178
Micro Genius	0150
Milbank	0047, 0017, 0051
Miark	1990
Mitsubishi	0154, 1250, 0093, 0150, 0178, 0030, 0834
Motorola	0054, 0051, 0093, 0150
MTC	0180, 0030, 0092
Multibank	0180
NAD	0156, 0178, 0166, 0846
NEC	0047, 0178, 0030, 0704, 1704
NetTV	1755
Nikko	0178, 0030, 0092
Nioco	0054
Nikkode	0178, 0030, 0092
Nishi	0000, 0047, 0054, 0017, 0154, 0051, 0093, 0236, 0178, 0030, 0166, 0846
Norcast	0748, 0824
NUC	0092
Nyon	0000
Olevia	1610, 1240
Orna	0451, 0236, 0463, 0089
Optimus	0230, 0154, 0093, 0180, 0136, 0178, 0030, 0166, 0650
Optonica	0093
Orna	0017, 0236, 0463, 0180, 0178
Pace	0092
Panasonic	0000, 0230, 1480, 1457, 0054, 0156, 0051, 0236, 0030, 0650
Panonic	0030
PCB	0030
PCB	0156
Pennacy	0000, 0230, 0047, 0156, 0051, 0178, 0030, 1347
Peters	1523
Philo	0054, 0463, 0030, 1394
Phillips	1454, 0054, 0030, 0093, 1234, 1704, 1407
Phix	0051, 0178, 0030
Phix	1457, 0166, 0679, 0466, 1240
Philips	1523, 0765, 0845
Portland	0453, 0092
Precision	0236, 0180
Phix	0761, 0793
Phix	0230, 0051
Phix	1447, 0047, 1347
Phix	0178
Phix	0017, 0092
Phix	0178, 0092
Phix	0150, 0178
Phix	0230, 0051, 0650
Phix	0047
Phix	0047, 0154, 0180, 0150, 0178, 0030
Phix	0000, 1347, 1447, 0047, 0054, 0051, 0093, 0178, 0679, 1347
Phix	0047, 0154, 0180, 0150, 0178, 0030
Phix	0017, 0030
Phix	0180
Phix	1755, 0047, 0030, 1796

Samsung	0012, 0047, 0054, 0017, 0154, 0178, 0030, 0630, 0766, 0814, 1060
Sansui	0030
Sansui	0463, 0030
Sanyo	0000, 1755, 0047, 0034, 0154, 0463, 1142
Sasich	0178
Sart	0236, 0180, 0178, 0030
Sears	0000, 0047, 0054, 0017, 0154, 0154, 0051, 0093, 0178, 0030, 0166
Sharp	0010, 0054, 0093, 0160
Sheng Cha	0093
Shivisi	0178
Signature	0047, 0093, 0030
Singam	0178, 0030
Singer	0092
Solar Drage	0000
Seay	1100, 0000, 0017, 0154, 0150, 1893
Soundedge	0180, 0178
Spectrovision	0156, 0178
SR2000	0154
SSI	0180
Stardic	0236, 0180
Supercan	0093, 0844
Supreme	0000
SV2000	0034
SWA	0748, 0845
Sylvania	0000, 1884, 0047, 0034, 0154, 0051, 0178, 0030, 0092, 1394
Symphonic	0000, 0180, 0178
Syria	1410, 1240
Tandy	0093
Taiwang	0000, 0051, 1796
Tec	0154
Techline	0230, 0054, 0051
Techvision	0030
Techwood	0230, 0051
Teknika	0054, 0463, 0180, 0150, 0178, 0092
Telecolor	0017
Thomas	0047, 0178
Thomson	1447, 0047
TMK	0236, 0180, 0178
TWC	0017
Tucom	0156
Toshiba	0154, 0156, 0150, 1145, 0166, 0030, 0845, 1394
Toshiba	0051
Toponaka	0178
Trueman	0230, 0051
TWS	0043
Ultra	0092
Universal	0047
V	1755, 0844, 0845, 1756
Victor Braunach	0030
Vidikon	0034
Vidtech	0178
Viewmatic	1755, 0847, 0844, 0845
Viore	0054
Vizio	1758, 1755, 0844, 0845, 1756
Wash	0000, 0047, 0054, 0017, 0154, 0051, 0093, 0236, 0178, 0030, 0166, 0846
Wayson	0030
Webcor	0178
Westinghouse	0000, 0451, 0043, 0089
White Westinghouse	0451, 0236, 0463, 0089
Widit	0451, 0236, 0463, 0180
XB-1000	0154, 0180
Yamaha	0030, 0650
Yor	0030
Zenith	0000, 0012, 0047, 0017, 0093, 0463, 0178, 0030, 1145, 0092

### TV/DVD Combination Devices

#### Controlled by the TV key

Alkal	1475
Emerson	1394
Ilo	1990
Intial	1990
Magnavox	1990
Mitsubishi	1990
Philips	1523
Sylvania	1844, 1394

#### Controlled by the DVD key

Alkal	0000
Apex Digital	0030
Brokasin	0095
Clifton	0095
Emerson	0475, 1268
ESA	1208
Fusai	1248
GFN	1248
Hanley	1248
Hanley	0000
GE	0040, 0000, 0007, 1833, 1890
Genial	0040
Genova	0000
Samsung	0099
Sansui	0635

Sylvania	0475, 1244
Toshiba	0043

### TV/VCR Combination Devices

#### Controlled by the TV key

America Action	0180
Audimax	0180
Emerson	0236

#### Controlled by the VCR key

Brokasin	1479
Clifton	1278
Curtis Mathes	1093
Emerson	1278
Emerson	1278, 1479
Fusai	0000
GE	0007, 1035, 1040
GoldStar	1257
Hanley Davidson	0000
Hitech	0000
Ilford	0000
Magnasonic	1278
Magnavox	0000, 1791
Memorex	0162, 1337
Mitsubishi	0007
Optimus	0162
Orna	1479
Panasonic	0162, 1035
Pennacy	1035, 1237
Quasar	0162, 1035
RadioShack	0000
RCA	0007, 1035, 1040
Samsung	1014
Sansui	0000, 1479
Sanyo	0000, 1237
Sanyo	1232, 0090
Sylvania	1781
Symphonic	0000
Thomas	0000
Toshiba	0148
Zenith	0000, 1479

### TV/VCR/DVD Combination Devices

#### Controlled by the VCR key

Sharp	0007
-------	------

#### Controlled by the DVD key

Alkal	0099
Brokasin	0000
Emerson	0021
ESA	0021
Magnavox	0021
Philips	1362
Sharp	0030
Sopranca	0021
Sylvania	0021
Symphonic	0021
Toshiba	1045

### VCRs

A-Mark	0000
Accutran	0000
Admiral	0040, 0020
Admtron	0000
Admtron	0000
Alka	0000
Allgro	0000
Amsted	0000
Avia	0000
Bell & Howell	0030, 0000
Brokasin	0184, 1479
Clifton	0000, 1278

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