

Operating Instructions

For 4-Function Cable Remote Control

UR4U-MDV2R



Universal Remote Control, Inc.
www.universalremote.com
OCE-00538 REV 04 (10/10/07)

1 Introduction

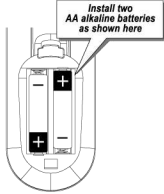
This remote control is designed to operate all Motorola and Scientific Atlanta digital set top boxes (including HD and DVR), plus the majority of TVs, VCRs, DVDs and AUDIO equipment on the market as shown below.

CABLE : Cable Converters
TV : Televisions
DVD : DVDs, TV/DVDs, VCRs and TV/VCRs
AUX : Audio Receivers and DVRs, etc.

2 Replacing Batteries

Before you program or operate this remote control, you must first install two new AA Alkaline batteries.

- STEP1** Remove the battery compartment cover on the back of your remote control.
- STEP2** Check battery polarity carefully, and install the batteries as shown in the illustration below.
- STEP3** Replace the battery compartment cover.



3 Operations

DEFAULT STATUS:
Component Default: CABLE
Channel Default: CABLE channel +/- and numbers operate through the CABLE box. You have the option of controlling channel +/- and numbers through the TV, VCR or DVD. Refer to section F for programming steps.

Volume Default: CABLE volume +/- and mute operate through the TV. You have the option of controlling volume through the Cable box, VCR or DVD. Refer to section G for programming steps.

4 System Functions

SYSTEM ON/OFF
Designed to send Power On/Off commands for set-top boxes and components with one button press. Refer to section 4 for details.

GUIDE
Displays the program guide listings.

SELECT
Selects highlight/preview system.

EXIT
Exit from current screen.

DAY-6
Skip forward or backward a whole day in the program guide.

VOLUME +/-
Raises or lowers the sound level.

ON DEMAND
Provides direct access to On Demand channel.

MUTE
Silences the audio. Press to activate. Press again to restore sound to the previous level.

REPEAT
Repeats the previous 15 seconds of a program.

MY DVR
Displays a list of programs you have recorded, allowing you to select one for viewing.

INPUT/TV/VCR
Selects the video source.

ON-OFF
Opens or closes the Cable Box PIP (Picture-in-Picture) window.

PIP: Source
Selects the video source.

SWAP
Swaps the contents of the PIP window and the main viewing screen so that the PIP window displays on the main screen.

POWER
Allows you to turn your TV, VCR, DVD, AUX and Cable Box On and Off.

AUX, DVD, TV, CBL
Used to select the component you want to operate and signals remote control activity.

INFO
Displays information about the program currently playing or highlighted in the program guide.

PAGE +/-
Accesses pages above or below the information currently displayed.

CURSOR NAVIGATION PAD
Navigates to and highlights an item from the on-screen channel.

LAST
Returns to the previously tuned channel.

A, B, C, D
These buttons are pre-set by your cable provider.

CHANNEL +/-
Selects the next higher or lower channel.

FAV
Displays favorite channels.

LIVE
Displays live television programming.

VCR/DVD/VIDEO KEYS
Perform standard VCR and DVD functions when in VCR and DVD mode, and Video-On-Demand functions when in CABLE mode.

NUMBER PAD
Enter numbers to tune to channels. Also, make numeric entries on on-screen menus. *NOTE: Be sure also to use the CBL +/- for the program guide or otherwise make sure to use the correct mode.*

ASPECT
Change the HD screen viewing aspect.

PIP: CHAN
Selects the next higher or lower channel in the PIP (Picture-in-Picture) window.

MOVE
Moves the PIP (Picture-in-Picture) window to another location on the screen.

5 Programming the Remote Control

There are two ways you can program your remote control:

- * **The Pre-Programmed 3-Digit Code Method**
- * **The Auto-Search Method**

The Pre-Programmed Code Method allows you to setup all the buttons at once by entering 3-digit code numbers that correspond to a particular Component's manufacturer/brand, so it's the fastest and easiest of the two methods. (Code Tables are on the backside of this Instruction Sheet.) The Auto-Search Method scans through all the codes in the remote control, one at a time.

IMPORTANT SETUP NOTES:
This pertains to all programming steps. When you are in setup mode in each component, a component LED will light up for 30 seconds. If you do not press a button within 30 seconds, the LED light will turn off and exit setup mode and you will need to start over. When programming a combo unit, program as a VCR or DVD first.

A. Pre-Programmed 3-Digit Code Method

- STEP1** Turn on the Component you want to program (TV, VCR, DVD or AUX).

- STEP2** Press the [COMPONENT] button (TV, DVD or AUX) to be programmed and the [OK/SEL] button simultaneously for 3 seconds. The Component LED will light for 30 seconds indicating the unit is ready to be programmed.
- STEP3** Point the remote control toward the Component and enter the 3-digit code number assigned to your brand.

**Note: If the 3-digit code number you just entered is correct, the Component will turn Off. If it did not turn Off, continue entering code numbers listed for that brand until the Component turns Off.*

- STEP4** After you've entered the correct code number and the Component has turned Off, press the [POWER] button to turn the Component back On. Now it's time to test the VOLUME and MUTE buttons for the TV (or PLAY and STOP buttons for VCR and DVD) to make sure they all work. If any of the functions do not work as they should, repeat from STEP 3 using the next 3-digit code number listed for that brand.
- STEP5** Once you have found the correct 3-digit code, save it by pressing the same [COMPONENT] button one more time. The Component LED light will blink twice to confirm that the code was successfully stored.

Now, program the rest of your Components by repeating STEPS 1-5.

**Note: If the Pre-Programmed Method did not work, or if the Code Tables do not list your Component brand, use the Auto-Search Method as explained in Section B.*

B. Auto-Search Method

- STEP1** Turn on the Component you want to program (TV, VCR, DVD or AUX).
- STEP2** Press the [COMPONENT] button (TV, DVD or AUX) to be programmed and the [OK/SEL] button simultaneously for 3 seconds. The Component LED will light for 30 seconds indicating the unit is ready to be programmed.
- STEP3** Point the remote toward the Component and press the [CH +/-] or [CH +/-] button one step at a time or keep it pressed. The remote will emit a series of ON/OFF commands. Release the [CH +/-] or [CH +/-] button as soon as the Component turns Off.

**Note: If the 3-digit code number you just entered is the correct number, the Component will turn Off. If it did not turn Off, continue entering code numbers listed for that brand until the Component turns Off.*

- STEP4** Test functions. (Same as for 3-Digit Code Programming Method - Section A). If any of the functions do not work as they should, repeat from STEP 3 using [CH +/-] or [CH +/-] buttons to find the correct code.
- STEP5** Save the code. (Same as for 3-Digit Code Programming Method - Section A).

Now, repeat the Auto-Search Method for those Components you could not program earlier with the Pre-Programmed Method.

C. Finding a Component Button's Setup Code Number

If you used the Auto-Search Method to program a Component, you may not know what the correct code number is. Here is a way for you to identify the code number, so you can record it for future reference.

- STEP1** Press the [COMPONENT] button (TV, DVD or AUX) you want to verify and the [OK/SEL] button simultaneously for 3 seconds. The Component LED will light for 30 seconds.
- STEP2** Press the [INFO] button and count the number of times the Component LED light blinks. This number indicates the first digit of the code, followed by the second and third, each separated by a one second pause when the LED will turn off.

**Note: 10 blinks represents the number zero. Example: (one blink, pause), eight blinks, (pause) and three blinks, indicates code number 183.*

D. AUX Function: Programming a 4* Component

You can take advantage of the AUX function to program a 4* Component such as a second TV, VCR, DVD or Audio Component.

- STEP1** Turn on the 4* Component you want to program (TV, VCR, DVD or Audio).
- STEP2** Press the [AUX] button and the [OK/SEL] button simultaneously for 3 seconds. The [AUX] Component LED will light for 30 seconds.
- STEP3** Press the [COMPONENT] button you want to setup. Point the remote control toward the Component and enter the 3-digit code number assigned to your brand.

**Note: If the 3-digit code number you just entered is the correct number, the Component will turn Off. If it did not turn Off, continue entering code numbers listed for that brand until the Component turns Off.*

- STEP4** Test functions. (Same as for 3-Digit Code Programming Method - Section A). If any of the functions do not work as they should, you need to find a new code.
- STEP5** Once you have found the correct 3-digit code, save it by pressing the [AUX] button one more time. The Component LED light will blink twice to confirm the code was stored. Now when you press the AUX button, all the buttons will work with that 4* Component.

**Note: If the 3-digit code number you just entered is the correct number, the Component will turn Off. If it did not turn Off, continue entering code numbers listed for that brand until the Component turns Off.*

To return to original state:
If you wish to restore the CABLE channel control in CBL mode, repeat the above steps but press [CBL] in **STEP3**.

G. Programming Volume Control

You can program the volume controls (Volume Up, Volume Down and Mute) from one Component to operate in another Component mode. Default volume control settings on the remote control are as follows:

CBL : TV	TV : TV
DVD : TV	AUX : AUX

If you wish to operate the CBL volume control in CBL mode, use the following steps.

- STEP1** Press the [CBL] button and the [OK/SEL] button simultaneously for 3 seconds. The [CBL] Component LED will light for 30 seconds.
- STEP2** Press the [VOL +/-] button.
- STEP3** Press the [CBL] button. The Component LED will blink twice to confirm the programming.

To return to original state:
If you wish to restore the TV volume control in CBL mode, repeat the above steps but press [TV] in **STEP3**.

H. Programming a Favorite Channel

See on-screen Guide Menu.

I. Low Battery Warning

When the batteries are low and need to be replaced with fresh batteries, the Component LED lights will blink 2 times in sequence whenever a [POWER] button is pressed to turn on equipment.

J. Memory Lock System

This remote control is designed to retain programmed memory for 10 years even after batteries are removed from the remote control.

K. Record Your Component Set-up Codes

TV	Set-up Code Number:				
DVD	Set-up Code Number:				
AUX	Set-up Code Number:				

6 Set-up Code Tables

CABLE Converter		
Remote	Converter	Code No.
UR4U-MDV2	All Motorola digital set top boxes (including HD & DVR)	002
	All Scientific Atlanta digital set top boxes (including HD & DVR)	001
	MOXI HD DVR set top boxes	003

TV

Manufacturer/Brand	Set-Up Code Number
ADCO	005
ADMIRAL	079 141 140 251
ALCANTARA	247 386
ALFA ROMEO	102
ALFA ROMEO	103
ALFA ROMEO	104
ALFA ROMEO	105
ALFA ROMEO	106
ALFA ROMEO	107
ALFA ROMEO	108
ALFA ROMEO	109
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ALFA ROMEO	282

TV

[illegible]

1

[illegible]

1

[illegible]

DVD-DVD Recorders

[illegible]

DVD-VCR

[illegible]

DVD-

[illegible]

AUX

Manufacturer	Set-Up Code	Net Code
ADIRONK	139 015 236 330 360 499	01
ALCAN	052 296	09
ALUMINATED ALUM	099 098	08
ALUMINUM	211 102 291	07
ALUMINUM	378	06
ALUMINUM	440 342	05
ALUMINUM	056	04
ALUMINUM	008	03
ALUMINUM	148 323 028 018 18 318	02
ALUMINUM	020	01
ALUMINUM	389	00
ALUMINUM	27 017 046 108 008 339	99
ALUMINUM	596	98
ALUMINUM	216	97
ALUMINUM	058	96
ALUMINUM	33 101 114 229 291	95
ALUMINUM	024 066 147 187 105 380 374	94
ALUMINUM	680	93
ALUMINUM	011	92
ALUMINUM	681	91
ALUMINUM	91 575	90
ALUMINUM	071 384 029	89
ALUMINUM	007	88
ALUMINUM	12 015 236 330 360 499	87
ALUMINUM	24 377	86
ALUMINUM	009 139 015 236 330 360 499	85
ALUMINUM	156	84
ALUMINUM	006 028 015 040 063 185 186 365 119 365	83
ALUMINUM	238 336	82
ALUMINUM	100 012 011 028	81
ALUMINUM	264 304	80
ALUMINUM	157 136 042 043 081 077	79
ALUMINUM	077	78
ALUMINUM	166 115	77
ALUMINUM	046 246 245 172 182 387	76
ALUMINUM	176	75
ALUMINUM	343	74
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ALUMINUM	028 041	71
ALUMINUM	342	70
ALUMINUM	125 195 217 277 292 628	69
ALUMINUM	125 18 18 330 374 395 295 334	68
ALUMINUM	249 256 081 119	67
ALUMINUM	014 029 046 048 16 16 165 189 485 199 485	66
ALUMINUM	156 485	65
ALUMINUM	146 168	64
ALUMINUM	010 040 117 156 046 168	63
ALUMINUM	014 029 046 048 16 16 165 189 485 199 485	62
ALUMINUM	014 029 046 048 16 16 165 189 485 199 485	61
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ALUMINUM	555	54
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ALUMINUM	068	51
ALUMINUM	344 342	50
ALUMINUM	005 018 040 117 156 046 168	49
ALUMINUM	125 18 18 330 374 395 295 334	48
ALUMINUM	176	47
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