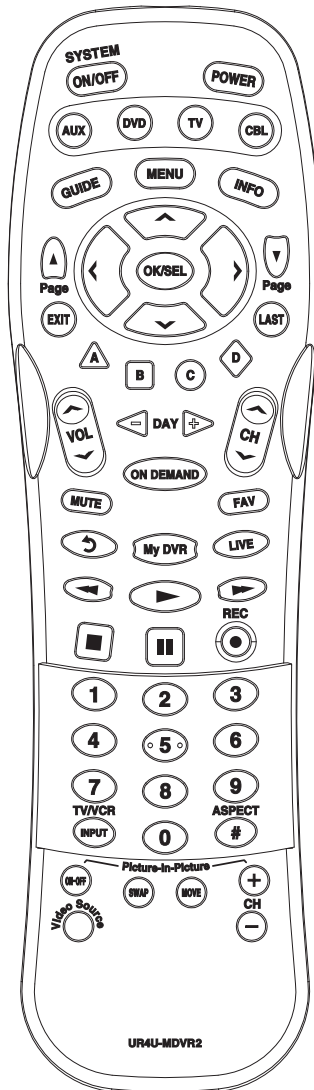


Operating Instructions For 4-Function Cable Remote Control

UR4U-MDVR2



Universal Remote Control, Inc.
www.universalremote.com
OCE-0053B REV 42 (02/25/22)

1 Introduction

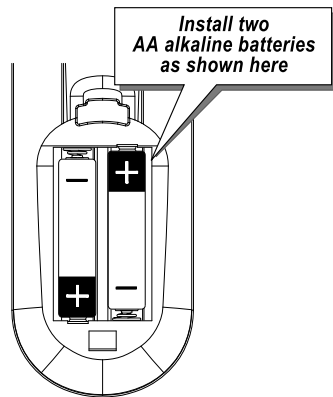
This remote control is designed to operate all Motorola and Scientific Atlanta digital set top boxes (including HD and DVR), plus the majority of TVs, DVDs and AUDIO equipment on the market as shown below.

CABLE : Cable Converters **TV** : Televisions
DVD : DVDs, TV/DVDs
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 or DVD. Refer to section H for programming steps.

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

4 Button Functions

5 Programming the Remote Control

There are three ways you can program your remote control:

- * Quick Set-Up Method
- * The Pre-Programmed 3-Digit Code Method
- * The Auto-Search Method

The Quick Set-Up Method is a unique new feature that enables the fastest and easiest set-up by using one-digit codes for up to 10 major brands for each component.

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 DVD first.

A. Quick Set-Up Method

- STEP1** Turn on the component you want to program. To program your TV, turn on the TV.
- STEP2** Press and hold the [DEVICE] key for 5 seconds until the Device LED will blink once and stays on. Continue to hold the [DEVICE] key and press the number key assigned to your brand in the Quick Set-up Code Table and release both [DEVICE] key and the number key to save the code. The Device LED will blink twice to confirm that the code is stored.
- STEP3** Point the remote control at the component.
- STEP4** Press the power button. If it turns off, it is programmed for your component. If it does not turn off, use the Pre-Programmed 3-Digit code Method or Scanning Method.

Repeat the steps above for all components (CBL,TV,DVD, AUX).

B. Quick Set-up Code Tables

Quick Number	Manufacturer/Brand
0	PACE DTA
1	SA/CISCO, SAMSUNG, PACE DIGITAL
2	MOTOROLA DIGITAL
3	MOTOROLA DTA
4	EVOLUTION DTA
5	CISCO IPTV
6	ADB IPTV
7	TECHNICOLOR
8	AMINO 140/540 IPTV
9	MOTOROLA IPTV

Quick Number	Manufacturer/Brand
0	SANYO
1	SONY
2	SAMSUNG
3	LG
4	TOSHIBA
5	PANASONIC
6	PHILIPS
7	HITACHI
8	SHARP
9	VIZIO

Quick Number	Manufacturer/Brand
0	HITACHI
1	SONY
2	PHILIPS
3	SAMSUNG
4	PHILIPS MAGNAVOX
5	PANASONIC
6	LG
7	JVC
8	DENON
9	PIONEER

Quick Number	Manufacturer/Brand
0	BOSE
1	HP
2	ONKYO
3	APPLE/iPod
4	MICROSOFT / XBOX
5	SONY / PS2
6	LUTRON
7	X-10
8	YAMAHA
9	ROKU

C. Pre-Programmed 3-Digit Code Method

- STEP1** Turn on the Component you want to program (TV, DVD or AUX).
- STEP2** Press the [COMPONENT] button (TV, DVD or AUX) to be programmed and [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 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 D.*

D. Auto-Search Method

- STEP1** Turn on the Component you want to program (TV, DVD or AUX).
- STEP2** Press the [COMPONENT] button (TV, DVD or AUX) to be programmed and [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.
- STEP4** Test functions. (Same as for 3-Digit Code Programming Method - Section C). 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

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 C).

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

E. 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.*

F. AUX Function: Programming a 4th Component

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

- STEP1** Turn on the 4th Component you want to program (TV, 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 C). 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 4th Component.

G. Programming the System On/Off Button

This allows you to program the System On/Off button so it can send up to four power On/Off commands with one button press.

- STEP1** Press the [CBL] button.
- STEP2** Press the [SYSTEM ON/OFF] button and the [OK/SEL] button simultaneously for 3 seconds. The [CBL] Component LED will light for 30 seconds.
- STEP3** Press the first [COMPONENT] button you want to store in the [SYSTEM ON/OFF] button and then the [POWER] button. Repeat this for other Components until you have stored all the desired power commands into the [SYSTEM ON/OFF] button.
- STEP4** Press the [CH▲] button to save the power commands you stored. The [CBL] button will blink twice to confirm the commands have been saved.

H. Programming Channel Control

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

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

If you wish to operate the TV channel control in TV mode, use the following steps.

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

To return to original state:

If you wish to restore the CABLE channel control in TV mode, repeat the above steps but press [CBL] in STEP3.

I. 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**.

J. Programming a Favorite Channel

See on-screen Guide Menu.

K. 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.

L. Memory Lock System

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

M. Record Your Component Set-up Codes

TV Set-up Code Number:

<input type="text"/>	<input type="text"/>	<input type="text"/>
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DVD Set-up Code Number:

<input type="text"/>	<input type="text"/>	<input type="text"/>
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AUX Set-up Code Number:

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

6 Set-up Code Tables

Remote	Converter	Code No
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	All Motorola digital set top boxes (including HD & DVR)	002
	All Scientific Atlanta digital set top boxes (including HD & DVR)	001
	ADB	254
	Amino	321 260 235
	ARRIS	172 216 140
	Bell Fibe	229
	BT Vision	232 960
	CE-LABS	164
	Cincinnati Bell	220
	CISCO/SA	001 313
	COMCAST	195
	Cox Digital Cable	223
	Digital Multimedia Technology	222
	Dish Network	122
	Duoson	218
	Entone	221
	EVOLUTION	189 215
	EVOLUTION FTA	158
	Fontel	228
	Horizon	225
	Humax	231
	KAOH	208
	Loyer3	226
	MOTOROLA	206 253
	MOH HD DVR set top boxes	003
	nFusion FTA receivers	192
	Optimum	001 002 206 217
	PACE	224
	Pico Digital	224
	SAMSUNG	001
	Sky	240 241
	SKY + HD set top boxes	230
	SKY HD set top boxes	204
	Spectrum	231
	TECHNICOLOR	365
	TELNET HD box	354
	Virgin Media	959
	WEGENER	004
	WINDSTREAM	212
	ZeeVee	227

TV	Manufacturer/Brand	Set-Up Code Number
	ADMIRAL	072 251 333
	AD NOTAM	672
	ADVENT	247 388
	ADVENTURA	002
	AFFINITY	680
	ALERON	028
	AKAI	197 249 404 475 387 615
	A-MARK	112
	AMERICA ACTION	043
	AMPRO	167 073
	AMSTRAD	052
	ANAM	043 054 056 080 112
	AOC	197 112 363 616
	APEX	572
	APEX DIGITAL	006 724
	AQUAVISION	573 574 686
	ASTAR	477
	AUDIOVOX	076 454 388
	Avera	761
	AVIELO	627 628
	AVION	441
	AXESS	711
	BELLCOR	363
	BELL&HOWELL	072 333
	BEND	600
	BRADFORD	043
	BROCKWOOD	363
	CAIRN	201
	CANDLE	197 002 003 363
	CELEBRITY	001
	CENTURION	197
	CETRONIC	043
	CIELO	714
	Cii	732
	CITIZEN	197 002 003 043 363 258
	CLARION	043
	CLASSIC	043
	CLP CLASSIC	333
	COBY	640 641 671 363
	COLORTYME	197 363
	CONCERGE	073
	CONCERTO	363
	CONTEC	043 050 051
	Contina-us	161 746 747
	CORNEA	363
	CRAGI	043 054
	CROSLEY	164
	CROWN	043
	CURTIS MATHES	197 363 258
	CXC	043
	DAEWOO	043 076 363
	DAYTRON	363
	DELL	320 319 363 618
	DIGITAL PROJECTION	570
	DIMENSIA	333
	DREAMVISION	235
	DUKANE	011
	DUMONT	073 363
	DURABRAND	096
	DWIN	177 257
	DYNASTY	043
	DYNATECH	062
	DYNEX	400
	EIKI	187
	ELECTROBAND	001
	ELECTROGRAPH	466
	ELECTROHOME	024 076
	ELEKTRA	072
	ELEMENT	363 494 622 690
	EMERSON	028 048 043 197 050 051 076 096 151 363 514
	ENVISION	197 363
	EPSON	324 590
	ESA	387
	Evervae	755
	FISHER	007 057
	FLUTSU	246 198 346
	FLUNAI	028 043 052
	FLUTURETECH	043
	GATEWAY	242 268
	GE	144 165 073 197 008 009 034 056 130 363 333
	GEM	387
	GIBRALTER	073 363
	GOLDSTAR	102 112 363
	GPX	674
	GRUNPY	028 043
	HAIER	363 501 623 749
	HALL MARK	363
	HANNSPREE	381
	HARLEY DAVIDSON	028

TV	Manufacturer/Brand	Set-Up Code Number
	HARVARD	043
	HELLO KITTY	076
	HIMITSU	043
	HISENSE	419 442 619 630 631 363 752 749
	HITACHI	011 007 009 072 363 587 613 670 749
	HP	421
	HUMAX	518
	ILO	472 400
	INFINITY	164
	INFOCUS	333 547 548 470 595 726 733
	INSIGNIA	350 400 052 164 402 454 457 604 617
	INTEO	073
	JANEL	002
	JBL	164
	JCB	001
	JCPENNEY	024 197 008 009 030 065 363 258 333
	JVC	038 034 001 210 240 406 639 688 701
	KAWASHO	001 197 363
	KCC	043
	KENWOOD	197 001
	KLEGG	466
	KLOSS	002
	KNOLL	659
	KONKA	457
	KREISEN	530
	KTV	043 197
	KURAZAI	072
	LG	363 102 112 569 648 741 598
	LODGENET	072
	LOEWE	164 738
	LOGIK	072
	LUXMAN	363
	LXI	007 138 052 164 251 333
	MAGNAVOX	164 197 003 226 390 363 467 431 333 594
	MAJESTIC	072 333
	MARANTZ	197 164 272
	MATSUI	164
	MATSUSHITA	080
	MAXENT	242
	MEGATRON	197 011 363
	MEMOREX	007 072 363
	MGA	197 024 028 363
	MIDLAND	073 333
	MINUTZ	008
	MITSUBISHI	124 109 024 028 363 450 658
	MONTGOMERY WARD	072 333
	MTC	197 062 363 258
	MULTITECH	043
	NAD	138
	NEC	272 130 197 024 056 019 237 262 717 758
	NET TV	242
	NEKUS	620 454
	NIKEI	043
	NIKKO	197 363
	NIKO	527
	NOKCENT	390
	NUVISION	351 567
	OLEVIA	432 363 144 333
	ONKING	043
	om.	898
	OHWA	043
	OPTONICA	019 251
	OPTOMA	265 270
	ORION	096
	PANASONIC	080 034 056 164 208 552 524 607 664 801
	PEERLESS-AV	723 763
	PHILCO	197 003 164 024 056 363
	PHILIPS	164 038 197 003 206 431 363 333 161 594 629 727 773
	PILOT	363
	PIONEER	234 197 374 393 272 363 660
	PLANAR	728 742 787 788
	POLAROID	388 328 353 354 355 356 494 387 505 506 508
	PORTLAND	363
	PRISM	034
	PROSCAN	144 165 167 333 722
	PROTON	112 193 363 528
	PROTRON	392 398 498 499 500
	PROVIEW	494
	PROX	572
	PULSAR	073 363
	PTLE HOME	661 662
	QUASAR	034 056
	RADIO SHACK	019 043 363
	RCA	333 165 065 144 197 024 056 161 363 588 713 751
	REALISTIC	007 019 043
	REVOLUTION HD	466
	RUNCO	072 169 178 179 180 181 073 395 416 697 698
	SAMPO	197 242 363
	SAMSUNG	258 050 228 229 363 333 515 655

TV	Manufacturer/Brand	Set-Up Code Number
	SAMSUX	197
	SANSEI	076
	SANSUI	096 400 615 454 762
	SANYO	007 057 187 657 750
	SCEPTRE	276 699
	SCOTCH	197 363
	SCOTT	028 043 048 363 497
	Selec	897
	SEARS	138 030 007 028 057 165 363 333
	SEKI	690
	SELECO	200 205 011
	SEURA	704 797
	SHARP	251 019 028 175 363 684 692 735 765 766
	SHERWOOD	349
	SHOGUN	363
	SIGNATURE	072
	Sis	001
	SIMPSON	003
	Skyvue	648
	Skyworth	895
	SONY	001 608 646 185 651 702
	SOUNDDESIGN	028 003 043 363
	SOYO	528
	SPECTRICON	112
	SPECTRONIQ	499 500
	SQUAREVIEW	052
	STARLITE	043
	SSS	043 363
	SUNBRITE	633 634 635 386 605 772
	SUPRA	363
	SUPRE MACY	002
	SUPREME	001
	SVA	328
	SYLVANIA	197 003 052 164 514 333 593
	SYMPHONIC	052
	SYNTAX OLEVIA	432 363 144 333
	TANDY	251
	TATUNG	056 042
	TCL	705 749
	TECHNICS	034 080
	TECHNOL ACE	028
	TECHWOOD	363
	TEKNIKIA	002 003 024 028 043 072 363 258
	TELEFUNKEN	615
	TELERENT	072
	TELEVISION	663
	TMK	363
	TNCI	072
	TOSHIBA	138 030 007 062 325 258 703
	TVS	096
	UNIVERSAL	008 009
	UPSTAR	708
	VENTURER	721
	VICTOR	038
	VIDIKRON	174 188 164
	VIDTECH	363
	VIEWSONIC	242 389 720
	VINKING	002
	VIORE	472 592 258
	VISCO	494
	VITO	363
	VIZIO	386 387 624 625 675
	WARDS	008 009 019 028 072 164 034 363
	W Box Technologies	731
	WESTINGHOUSE	076 276 435 001 280 690 695
	YAMAHA	197 371 372 363
	YORK	363
	YULPITERU	043
	ZENITH	363 073 072
	ZONDA	112

DVD

Manufacturer/Brand	Set-Up Code Number
ADCOM	157
AIWA	146
AKAI	281
ALLEGRO	091
ANTHEM	361
APEX DIGITAL	087 111 115
ARCAM	122 374
BLAUPUNKT	111
PULSAR	073 363
PTLE HOME	661 662
QUASAR	034 056
RCA	333 165 065 144 197 024 056 161 363 588 713 751
REALISTIC	007 019 043
REVOLUTION HD	466
RUNCO	072 169 178 179 180 181 073 395 416 697 698
SAMPO	197 242 363
SAMSUNG	258 050 228 229 363 333 515 655

DVD	Manufacturer/Brand	Set-Up Code Number
DVD 2000	017	
DYNEX	349	
EMERSON	091 143	
ENTERPRISE	091	
FISHER	147	
FLUNAI	143	
GE	027	
GOLDSTAR	091	
GO VIDEO	137 091 220 221 222	
GREENHILL	111	
HARMAN KARDON	084 140	
HITACHI	101	
HITEKER	087	
ILO	268	
INITIAL	111	
INSIGNIA	091 096 349 385	
INTEGRA	180 273 338	
JBL	084	
JVC	012	
KENWOOD	151	
KISS	279	
KLH	135	
KRELL	104	
LEXICON	264 265 268	
LG	091 057 350	
MAGNAVOX	046 096 386	
MARANTZ	083 095 332	
MALATA	267	
MERIDIAN	153	
MICROSOFT	027	
MINTEK	111 282	
MITO	149	
MITSUBISHI	017	
MYRYAD	102 134	
NAD	088 353	
NAKAMICHI	103	
NESA	111	
ONKYO	076 141 180 273 338	
OPTIMUS	023	
OPPO	266 341	
ORION	130	
PANASONIC	138 144 150 042 285 346 347 379	
PARASOUND	245	
PHILIPS	066 276 317 344 083 095 166 381 387	
PHILIPS MAGNAVOX	141 066	
PIONEER	023 131 304 354 364 377	
POLAROID	233	
POLK AUDIO	141 066	
PROSCAN	027	
RCA	027 307	
RIO	091	
RUTECH	269	
SAMSUNG	070 165 137 159 275 380	
SANSUI	154	
SANYO	147	
SEARS	130	
SENSORY SCIENCE	222	
SHARP	094	
SHERWOOD	245 345 361	
SHINSONIC	033	
SONIC BLUE	091	
SONY	001 033 145 191 286 241 242 243 340 343 351 363 368 378 382	
SPECTRONIQ	310	
SYLVANIA	143	
SYMPHONIC	143	
JASCAM	012	
TATUNG	102	
TEAC	023 270	
TECHNICS	042	