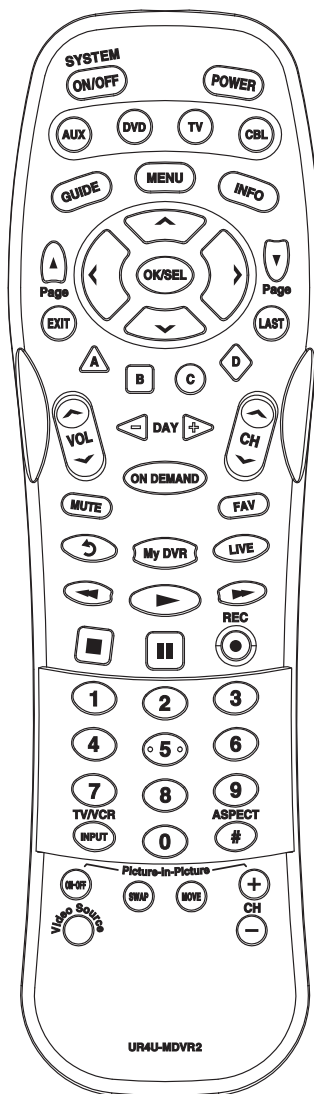


# Operating Instructions For 4-Function Cable Remote Control

UR4U-MDVR2



Universal Remote Control, Inc.  
www.universalremote.com  
OCE-0053B REV 25 (14/05/23)

## 1 Introduction

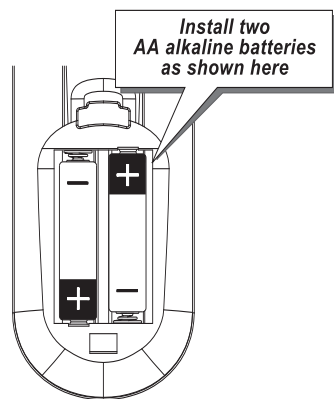
This remote control is designed to operate all Motorola and Scientific Atlanta digital set top boxes (including HD and DVR), plus the majority of TVs, DVDs and AUDIO equipment on the market as shown below.

**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

**SYSTEM ON/OFF**  
Designed to send Power On/Off commands for up to four Components with one button press. Refer to section G for details.

**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.

**MENU**  
Displays the Applications Menu.

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

**GUIDE**  
Displays the program guide listings.

**PAGE ▲/▼**  
Accesses pages above or below the information currently displayed.

**SELECT**  
Selects highlighted screen options.

**CURSOR NAVIGATION PAD (▲, ▼, ◀, ▶)**  
Navigate to and highlight an item from the on-screen choices.

**EXIT**  
Exit from current screen.

**LAST**  
Returns to the previously tuned channel.

**DAY ▲/▼**  
Skip forward or backward a whole day in the program guide.

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

**VOLUME ▲/▼**  
Raises or lowers the sound level.

**ON DEMAND**  
Provides direct access to On Demand channel.

**CHANNEL ▲/▼**  
Selects the next higher or lower channel.

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

**FAV**  
Displays favorite channels.

**LIVE**  
Displays live television programming.

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

**VCR/DVD/OD 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: You can also use the CH ▲/▼ or the program guide as alternate ways to tune to channels.*

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

**ASPECT (#)**  
Change the HD screen viewing aspect.

**Video Source**  
Selects the video source.

**PIP CH ▲/▼**  
Selects the next higher or lower channel in the PIP (Picture-in-Picture) window.

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

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

## 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, 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 4<sup>th</sup> Component

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

- STEP1** Turn on the 4<sup>th</sup> 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 4<sup>th</sup> 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:   

DVD    Set-up Code Number:   

AUX    Set-up Code Number:   

## 6 Set-up Code Tables

#### CABLE Converter

Remote	Converter	Code No
UR4U-MDVR2	All Motorola digital set top boxes (including HD & DVR)	002
	All Scientific Atlanta digital set top boxes (including HD & DVR)	001
	CE-LABS	164
	CISCO/SA	001
	EVOLUTION	189
	EVOLUTION FTA	158
	nFusion FTA receivers	192
	MOXI HD DVR set top boxes	003
	PACE	001 002
	SAMSUNG	001
	SKY + HD set top boxes	230
	SKY HD set top boxes	204
	TECHNICOLOR	365
	TELNET HD box	354
	WEGENER	004

#### CBL-IPTV

Manufacturer/Brand	Set-Up Code Number
ADB	254
AMINO	260
CISCO	313
MOTOROLA	253

#### TV

Manufacturer/Brand	Set-Up Code Number
ABEX	025
ADMIRAL	072 251 333
AD NOTAM	672
ADVENT	247 388
ADVENTURA	002
AFFINITY	680
AIRKO	103
ALERON	028
AKAI	197 146 248 404 405 473 475 387 615

Manufacturer/Brand	Set-Up Code Number
A MARK	112
AMERICA ACTION	043
AMPRO	167 073
AMSTRAD	052
ANAM	043 054 056 080 112
AOC	197 112 058 363 616
APEX	572
APEX DIGITAL	006
AQUAVISION	573 574 686
ASTAR	477
AUDIOVOX	076 454 388
AUVIO	689
AWELO	627 628
AVION	441
BELCOR	363
BELL&HOWELL	072 333
BENQ	600
BROADFORD	043
BROKSONIC	238
BROCKWOOD	363
CAIRN	201
CANDLE	197 002 003 363
CAPEHART	058
CELEBRITY	001
CENTURION	197
CETRONIC	043
CITIZEN	197 002 003 043 103 363 258
CLARION	043
CLASSIC	043
CLP CLASSIC	333
COBY	640 641 671
COLORTIME	197 363
CONCIERGE	073
CONCERTO	363
CONTEC	043 050 051
CORNEA	363
CRAIG	043 054
CROSLY	164
CROWN	043
CURTIS MATHE	197 363 258
CXC	043
DAEWOO	016 043 044 076 103 363
DAYTRON	363
DELL	320 319 363 618
DIGITAL PROJECTION	570
DIMENSIA	333
DREAMVISION	235
DUKANE	025 011
DUMONT	073 363
DURABRAND	096
DWIN	177 257
DYNASTY	043
DYNATECH	062
DYNEK	400
EKI	187
ELECTROBAND	001
ELECTROGRAPH	466
ELECTROHOME	024 076
ELEKTRA	072
ELEMENT	363 494 622
EMERSON	028 048 043 155 005 197 047 050 051 076 096 151 153 363 514
ENVISION	197 363
EPSON	324 590
ESA	387
FISHER	007 057
FREEMOTION	688
FUJITSU	246 198 346
FUNAI	028 043 052
FUSION	642
FUTURETECH	043
GATEWAY	242 268
GE	144 165 073 197 008 009 034 056 074 130 155 363 333
GEM	387
GIBRALTER	073 363
GOLDSTAR	102 106 112 363
GPX	674
GRUNPY	028 043
HAIER	363 501 623
HALL MARK	363
HANNSPREE	381
HARLEY DAVIDSON	028
HARVARD	043
HELLO KITTY	076
HIMITSU	043
HISENSE	419 442 619 630 631
HITACHI	011 007 009 010 012 023 075 158 072 363 587 613 670
HP	378 316 327 421
HUMAX	518

Manufacturer/Brand	Set-Up Code Number
HYPERION	609
HYUNDAI	337 338
ILO	472 400
INFINITY	164
INFOCUS	333 547 548 470 595
INSIGNIA	350 400 052 164 403 454 457 604 617
INTEQ	073
JANEL	002
JADDO TV	673
JBL	164
JCB	001
JCPENNEY	024 197 008 009 030 065 363 258 333
JENSEN	013
JVC	038 034 001 083 210 240 406 639 668 701
KAWASHO	001 197 363
KEC	043
KENWOOD	197 001
KLEGG	466
KLOSS	002 059
KNOLL	659
KONKA	457
KREISEN	530
KTV	043 197
KURAZAI	072
LG	363 102 106 112 569 648
LODGENET	072
LOEWE	164
LOGIK	072
LUXMAN	363
LXI	007 138 052 164 251 333
MAGNAVOX	164 059 197 003 060 061 063 064 022 094 226 390 363 467 431 333
MAJESTIC	072 333
MARANTZ	197 164 272 562 584
MATSUI	164
MATSUSHITA	080
MAXENT	242
MEGATRON	197 011 363
MEMOREX	007 072 363
MEGA	197 024 028 042 363
MIDLAND	073 333
MINTEX	362
MINUTZ	008
MITSUBISHI	124 109 024 028 040 042 146 191 363 450 658
MONTGOMERY WARD	072 333
MOTOROLA	081
MTX	197 062 363 258
MULTITECH	043
NAD	138 025
NEC	272 130 134 197 040 016 024 056 019 237 262
NET TV	242
NEUS	620 454
NIKEI	043
NIKKO	197 363
NIKO	527
NORCENT	390
NTC	103
NUVISION	351 567
OLEVIA	432 363 144 333
ONKING	043
ONWA	043
OPTIMUS	025
OPTONICA	019 251
OPTOMA	265 270
ORION	096
PANASONIC	080 034 056 164 208 552 524 607 664
PHILCO	197 003 059 060 064 164 024 056 063 363
PHILIPS	164 005 093 038 197 003 059 206 431 363 333 594 629
PILOT	363
PIONEER	234 135 025 197 018 023 374 393 272 363 660
POLAROID	388 328 353 354 355 356 494 387 505 506 508
PORTLAND	363
PRISM	034
PROSCAN	144 165 167 333
PKOTON	112 058 171 172 193 363 528
PROTRON	392 398 498 499 500
PROVIEW	494
PROX	572
PULSAR	073 363
PYLE HOME	661 662
QUASAR	034 056 606
RADIO SHACK	019 043 363
RCA	323 165 065 144 197 024 056 152 023 074 363 580
REALISTIC	007 019 043 047
REVOLUTION HD	466
RUNCO	072 169 178 179 180 181 182 073 395 416 697 698
SAMPO	197 058 242 363
SAMSUNG	258 050 089 105 228 229 363 333 515 655
SAMSUX	197

Manufacturer/Brand	Set-Up Code Number
SANSEI	076
SANSUI	096 400 615
SANYO	007 020 053 057 082 167 657
SCÉPTRE	276 699
SCOTCH	197 363
SCOTT	028 043 048 363 497
SEARS	138 030 007 028 057 094 082 165 363 333
SEIKI	690
SELECO	189 200 205 011
SHARP	251 019 014 028 029 022 175 363 684 692
SHENG CHIA	081
SHERWOOD	349
SHOGUN	363
SIGNATURE	072
SIMPSON	003
SONY	001 608 646 185 085 651 702
SOUNDESIGN	028 003 043 363
SOYO	528
SPECTRICON	112
SPECTRONIQ	499 500
SQUAREVIEW	052
STARLITE	043
SSS	043 363
SUNBRITE	633 634 635 386
SUNBRITE TV	605
SUPRA	363
SUPRE MACY	002
SUPREME	001
SVA	328
SYLVANIA	197 003 052 059 060 063 064 164 044 514 333 593
SYMPHONIC	052
SYNTAX OLEVIA	432 363 144 333
TANDY	251
TATUNG	056 062
TECHNICS	034 080
TECHNOLACE	028
TECHVIEW	557
TECHWOOD	363
TEKNIKA	002 003 024 028 043 072 363 258
TELEFUNKEN	615
TELERENT	072
TERA	172
TELEVISION	663
TERA	172
TELEVISION	663
TMK	363
TNCI	073
TOSHIBA	138 030 007 040 062 325 258
TRUTECH	529
TVS	096
UNIVERSAL	008 009
VICTOR	038
VIDEO CONCEPTS	146
VIDIKRON	174 188 164
VIDTECH	363
VIEWSONIC	242 389
Viking	002
VIORE	472 592
VISCO	494
VITO	363
VIZIO	386 387 624 625 675
WARDS	008 009 019 028 060 061 063 064 072 074 164 034 363
WESTINGHOUSE	076 276 435 001 280 690 695
WINBOOK	339
YAMAHA	197 371 372 363
YORK	363
YUPTERU	043
ZENITH	363 073 072 095 103
ZONDA	112

### DVD

Manufacturer/Brand	Set-Up Code Number
ADCOM	157
AINWA	146
AKAI	281
ALLEGRO	091
ANTHEM	361
APEX DIGITAL	087 111 115
ARCAM	122
BLAUPUNKT	111
BROKSONIC	130
CAMBRIDGE AUDIO	323 333 360
CARY AUDIO DESIGN	266
CINEVISION	091
RUNCO	072 169 178 179 180 181 182 073 395 416 697 698
SAMPO	197 058 242 363
SAMSUNG	258 050 089 105 228 229 363 333 515 655
SAMSUX	173 138 329 358

Manufacturer/Brand	Set-Up Code Number
DUNE	366
DURABRAND	091
DVD 2000	017
DYNEK	349
EMERSON	091 143
ENTERPRISE	091
FISHER	147
FUNAI	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
INTEGRA	180 273 338
JBL	084
JVC	012
KENWOOD	151
KISS	279
KLH	135
KRELL	104
LITEON	264 265 268
LEXICON	148
LG	091 057 350
MAGNAVOX	066 096
MARANTZ	083 095 332
MALATA	267
MERIDIAN	153
MICROSOFT	027
MINTEK	111 282
MITO	149
MITSUBISHI	017
MYRIAD	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
PARASOUND	245
PHILIPS	066 276 317 344 083 095 166
PHILIPS MAGNAVOX	141 066
PIONEER	023 099 131 304 354 364
POLAROID	233
POLK AUDIO	141 066
PROSCAN	027
RCA	027 307
RIO	091
RJTECH	269
SAMSUNG	070 165 137 159 275
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
SPECTRONIQ	310
SYLVANIA	143
SYMPHONIC	143
TASCAM	012
TATUNG	102
TEAC	023 270
TECHNICS	042
TECHWOOD	088
THETA DIGITAL	023
THOMPSON	027
TOSHIBA	130 141 164 188 273 356
URBAN CONCEPTS	141
VENTURER	149
VINC	308
X-BOX	027
YAMAHA	042 089 166 197 138 334
ZENITH	057 091

#### DVD-DVD Recorders

Manufacturer/Brand	Set-Up Code Number
GO VIDEO	220 221 222
CYBERHOME	271
ILO	268
KISS	279
LITEON	265 268
PANASONIC	138
PHILIPS	317
RCA	027