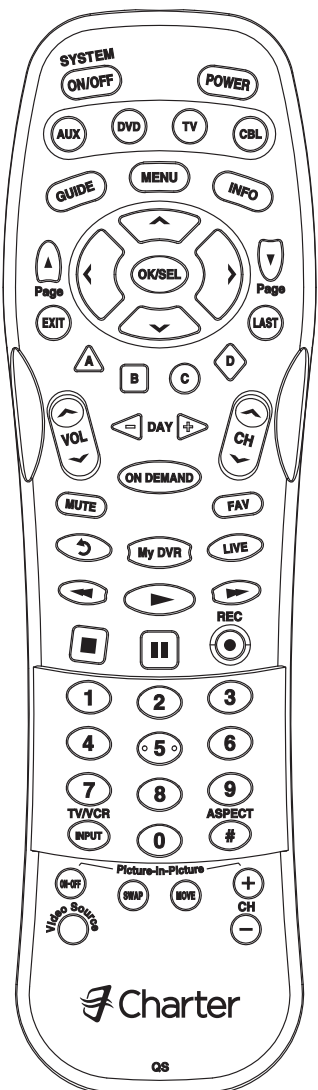


# Operating Instructions For 4-Function Cable Remote Control

**UR4U-MDVR-CHD2**



Universal Remote Control, Inc.  
www.universalremote.com  
OCE-0053A REV 35 (08/26/16)

## 1 Introduction

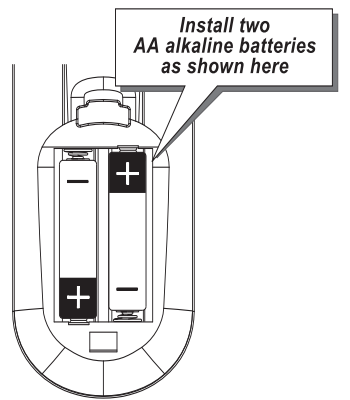
This remote control is designed to operate all Motorola and Scientific Atlanta digital set top boxes (including HD and DVR), plus the majority of TVs, DVDs and AUDIO equipment on the market as shown below.

**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.

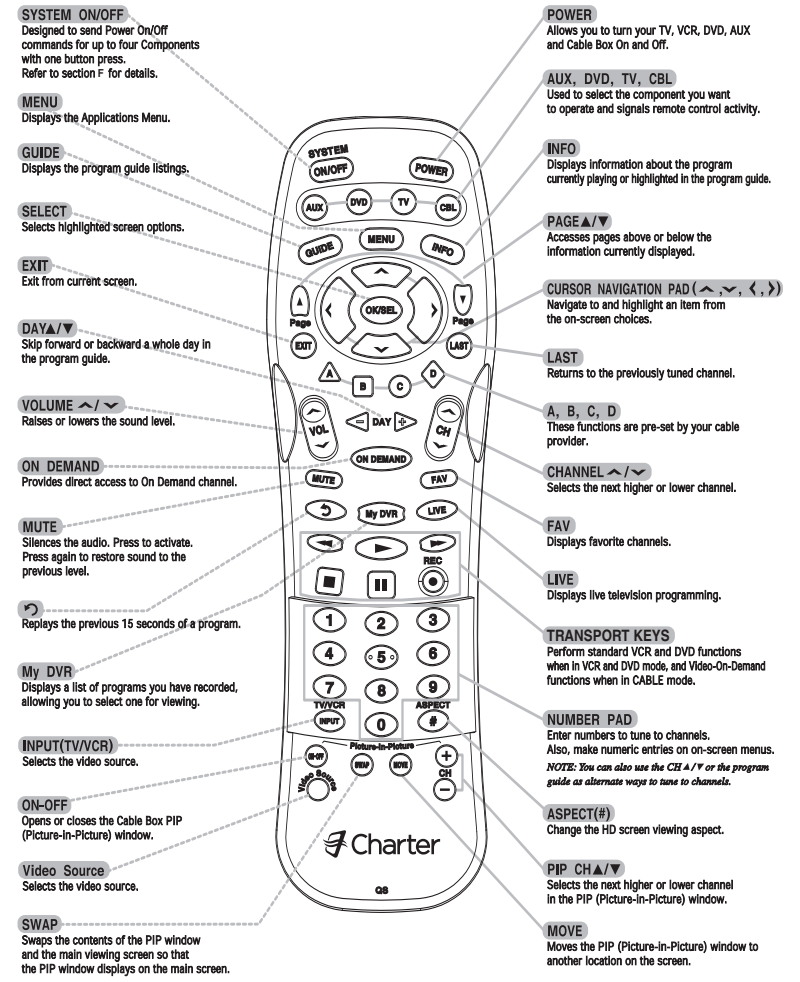
- STEP1** Remove the battery compartment cover on the back of your remote control.
- STEP2** Check battery polarity carefully, and install the batteries as shown in the illustration below.
- STEP3** Replace the battery compartment cover.



## 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 G 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 H for programming steps.

## 4 Button Functions



## 5 Programming the Remote Control

There are three ways you can program your remote control:

- \* Quick Setup Method
- \* 3-Digit Code Method
- \* Auto Search Method

Quick Setup Method is a unique feature that enables the fastest and easiest setup by using a one digit code. This is the quickest way to set up devices made by popular manufacturers.

3-Digit Code Method allows you to setup 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.)

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 Setup Method

It's easy to program the remote control to operate your TV. Simply press the number buttons 0 through 9 that your TV brand is assigned to using the following four steps.

- STEP1** Manually turn on the TV you wish to program.
- STEP2** Press and hold simultaneously for 3 seconds both the TV and A (Yellow) buttons or B (Blue) buttons, based on the column your TV brand is assigned to. The TV button LED light will turn on for 30 seconds confirming that you are in the program mode.
- STEP3** While the TV button LED is on, point the remote control at the TV and press the number button assigned to your TV brand as shown in the table (e.g. for Sharp TV, button 5). The TV should turn off. If it does not, press the same number button repeatedly until the TV turns off.

*\*Note : The remote will exit the programming mode automatically if it does not have matching codes and the LED will turn off.*

- STEP4** Once the TV has turned off, press the TV button once again to save the code. The remote control is now ready to control your TV.

Repeat the above steps for all other components (TV, DVD, etc.)

*\*Note : If the matching code could not be found in STEP3, use 3-Digit Code Method or Auto Search Method.*

## Quick Set-up Code Tables

Button Press	Button Number	Brand
TV&A Button	0	RCA
	1	SAMSUNG
	2	SONY
	3	LG
	4	VIZIO
	5	SHARP
	6	PANASONIC
	7	SANYO
	8	TOSHIBA
TV&B Button	0	COBY
	1	MITSUBISHI
	2	HITACHI
	3	MAGNAVOX
	4	JVC
	5	ZENITH
	6	INSIGNIA
	7	EMERSON
	8	WESTINGHOUSE
9	TCL	

DVD

Button Press	Button Number	Brand
DVD&A Button	0	HITACHI
	1	SONY
	2	PHILIPS
	3	SAMSUNG
	4	PHILIPS MAGNAVOX
	5	PANASONIC
	6	LG
	7	JVC
	8	DENON
9	PIONEER	

AUX

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

## B. 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 C.*

## C. 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 B). 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 B).

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

## D. 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.*

## E. 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 B). 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.

## F. 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.

## G. 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**.

## H. 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**.

## I. Programming a Favorite Channel

See on-screen Guide Menu.

## J. 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.

## K. Memory Lock System

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

## L. Record Your Component Set-up Codes

TV   Set-up Code Number:

DVD   Set-up Code Number:

AUX   Set-up Code Number:

For additional information about your remote control, go to [www.universalmremote.com](http://www.universalmremote.com)

## 6 Set-up Code Tables

### CABLE Converter

Remote	Converter	Code No
UR4U-MDVR-CHD2	All Motorola digital set top boxes (including HD & DVR)	002
	All Scientific Atlanta digital set top boxes (including HD & DVR)	001
	ARRIS	172 216
	CE-LABS	164
	Cincinnati Bell	220
	CISCO/SA	001
	COMCAST	195
	Duoson	218
	Entone	221
	EVOLUTION	189 215
	EVOLUTION FTA	158
	nFusion FTA receivers	192
	MOTOROLA	206
	MOXI HD DVR set top boxes	003
	PACE	001 002 206 217
	SAMSUNG	001
	SKY + HD set top boxes	230
	SKY HD set top boxes	204
	TECHNICOLOR	365
	TELNET HD box	354
	WEGENER	004
WINDSTREAM	212	

### CABLE-DVR(TIVO)

Manufacturer/Brand	Set-Up Code Number
CHANNEL MASTER	859
DSTV	786 787 788 789 800
HUGHES	817 821 822 823 824 825 826 827 828
HUMAX	917 818
ICEREALTIME	754 816
MOXI	782
PHILIPS	790 817 821 822 823 824 825 826 827 828 785
RCA	809
REPLAY NETWORKS	775
SONY	804 805
Speko Technologies	879
TIVO	790 817 818 821 822 823 824 825 826 827 828 858
TOSHIBA	817
ZUUMMEDIA	855

### CBL-IPTV

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

### TV

Manufacturer/Brand	Set-Up Code Number
ADMIRAL	072 251 333
AD NOTAM	672
ADVENT	247 388
ADVENTURA	002
AFFINITY	680
ALERON	028
AKAI	197 248 404 405 473 475 387 615
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
ALVIO	689
AVIELO	627 628
AVION	441
A XESS	711
BELCOR	363
BELLSHOWELL	072 333
BENO	600
BRADFORD	043
BROKSONIC	238
BROCKWOOD	363
CAIRN	201
CANDLE	197 002 003 363
CELEBRITY	001
CENTURION	197
CETRONIC	043
CIELO	714
CHI	732
CITIZEN	197 002 003 043 363 258
CLARION	043

### TV

Manufacturer/Brand	Set-Up Code Number
CLASSIC	043
CLP CLASSIC	333
COBY	640 641 671 363
COLORTYME	197 363
CONCERGE	073
CONCERTO	363
043 050 051	
CORNEA	363
CRAIG	043 054
CROSLLEY	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
DYNEK	400
EIKI	187
ELECTROBAND	001
ELECTROGRAPH	466
ELECTROHOMe	024 076
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
FISHER	007 057
FREEMOTION	688
FUJITSU	246 198 346
FUNAI	028 043 052
FUSION	392 398 498 499 500
FUTURETECH	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
HALL MARK	363
HANNSPREE	381
HARLEY DAVIDSON	028
HARVARD	043
HELLO KITTY	076
HIMITSU	043
HISENSE	419 442 619 630 631 363
HITACHI	011 007 009 072 363 587 613 670
HP	378 316 327 421
HUMAX	518
HYPERION	609
HYUNDAI	337 338
ILO	472 400
INFINITY	164
INFOCUS	333 547 548 470 595 726 733
INSIGNIA	350 400 052 164 403 454 457 604 617
INTEO	073
JANEIL	002
JBL	164
JCB	001
JCPENNEY	024 197 008 009 030 065 363 258 333
JNC	038 034 001 210 240 406 639 668 701
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
LODGENET	072
LOEWE	164 738
LOGIK	072
LUXMAN	363
LXI	007 138 052 164 251 333
MAGNAVox	164 197 003 063 064 226 390 363 467 431 333 594
MAJESTIC	072 333
MARANTZ	197 164 272 562 584
MATSUI	164
MATSUSHITA	080
MAXENT	242

### TV

Manufacturer/Brand	Set-Up Code Number
MEGATRON	197 011 363
MEMOREX	007 072 363
MGA	197 024 028 363
MIDLAND	073 333
MINTEK	362
MINULTZ	008
MIUSBISHI	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
NET TV	242
NEKUS	620 454
NIKEI	043
NIKKO	197 363
NIKO	527
NORCENT	390
NUVISION	351 567
OLEVIA	432 363 144 333
ONKING	043
OWWA	043
OPTONICA	019 251
OPTOMA	265 270
ORION	096
PANASONIC	080 034 056 164 208 552 524 607 664
PEERLESS-AV	723
PHILCO	197 003 064 164 024 056 063 363
PHILIPS	164 038 197 003 206 431 363 333 594 629 727
PILOT	363
PIONEER	234 197 374 393 272 363 660
PLANAR	728 742
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
PYLE HOME	661 662
QUASAR	034 056 606
RADIX DIGITAL	019 043 363
ARCAM	122 374
RCA	333 165 065 144 197 024 056 363 588 713
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
SAMSUX	197
SANSIEX	076
SANSUI	096 400 615 454
SANTO	007 057 187 657
SCPTRE	276 699
SCOTCH	197 363
SCOTT	028 043 048 363 497
SEARS	138 030 007 028 057 165 363 333
SEIKI	690
SELECO	189 200 205 011
SEURA	704
SHARP	251 019 028 175 363 684 692 735
SHERWOOD	349
SHOGUN	363
SIGNATURE	072
SIMPSON	003
Skyvue	648
SONY	001 608 646 185 651 702
KCC	043
SOUNDESIGN	028 003 043 363
SOYO	528
SPECTRCON	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	197 003 052 063 064 164 514 333 593
SYMPHONIC	052
SYNTAX OLEVIA	432 363 144 333
TANDY	251
TATUNG	056 062
TCL	705

### TV

Manufacturer/Brand	Set-Up Code Number
TECHNICS	034 080
TECHNO ACE	028
TECHVIEW	557
TECHWOOD	363
TEKNIKA	002 003 024 028 043 072 363 258
TELEFUNKEN	615
TELERENT	072
TILEVISION	663
TKM	363
TNCI	073
TOSHIBA	138 030 007 062 325 258 703
TRUTECH	529
TVS	096
UNIVERSAL	008 009
NIKEI	708
VENTURER	721
VICTOR	038
VIDIKRON	174 188 164
VIDTECH	363
VIEWSONIC	242 389 720
VIKING	002
VIPIRE	472 592
VISCO	494
VITO	363
VIZIO	386 387 624 625 675
WARDS	008 009 019 028 063 064 072 164 034 363
W Box Technologies	731
WESTINGHOUSE	076 276 435 001 280 690 695
WINBOOK	339
YAMAHA	317 372 363
YORK	363
YUPITERU	043
ZENITH	363 073 072
ZONDA	112

### DVD

Manufacturer/Brand	Set-Up Code Number
ADCOM	157
AIWA	146
AKAI	081
ALEGRO	291
ANTHEM	363
APEX DIGITAL	087 111 115
RCA	333 165 065 144 197 024 056 363 588 713
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
SAMSUX	197
SANSIEX	076
SANSUI	096 400 615 454
SANTO	007 057 187 657
SCPTRE	276 699
SCOTCH	197 363
SCOTT	028 043 048 363 497
SEARS	138 030 007 028 057 165 363 333
SEIKI	690
SELECO	189 200 205 011
SEURA	704
SHARP	251 019 028 175 363 684 692 735
SHERWOOD	349
SHOGUN	363
SIGNATURE	072
SIMPSON	003
Skyvue	648
SONY	001 608 646 185 651 702
KCC	043
SOUNDESIGN	028 003 043 363
SOYO	528
SPECTRCON	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	197 003 052 063 064 164 514 333 593
SYMPHONIC	052
SYNTAX OLEVIA	432 363 144 333
TANDY	251
TATUNG	056 062
TCL	705

### DVD

Manufacturer/Brand	Set-Up Code Number
PANASONIC	138 144 150 042 285 346 347 379
PARASOUND	245
PHILIPS	066 276 317 344 083 095 166
PHILIPS MAGNAVOX	141 066
PIONEER	023 131 304 354 364 377
POLAROID	235
POLK AUDIO	141 066
PROSCAN	027
RCA	027 307
RIO	091
RUTECH	269
SAMSUNG	070 165 137 159 275
TOSHIBA	138 030 007 062 325 258 703
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
SPECTRONIQ	310
CITATION	148
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
VIZIO	375
X-BOX	027
YAMAHA	042 089 166 197 138 334
ZENITH	052 091

### 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	