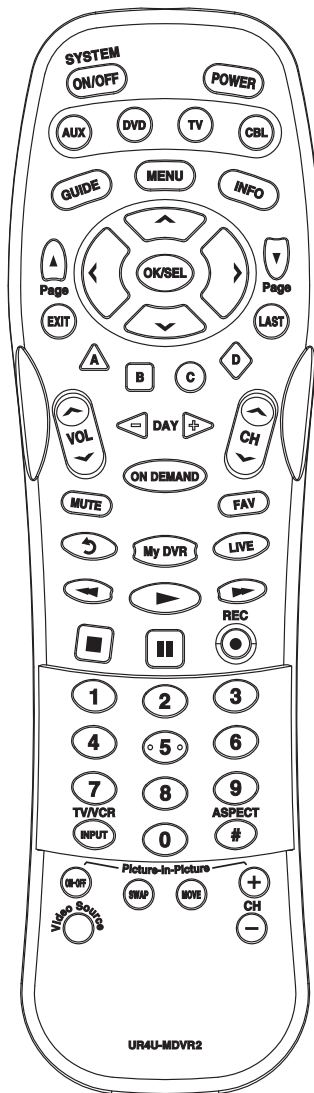


Operating Instructions

For 4-Function

Cable Remote Control

UR4U-MDVR2



Universal Remote Control, Inc.
www.universalremote.com
OCE-0053B REV 43 (03/21/23)

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.

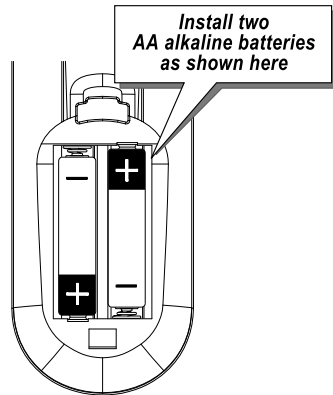
2 Replacing Batteries

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

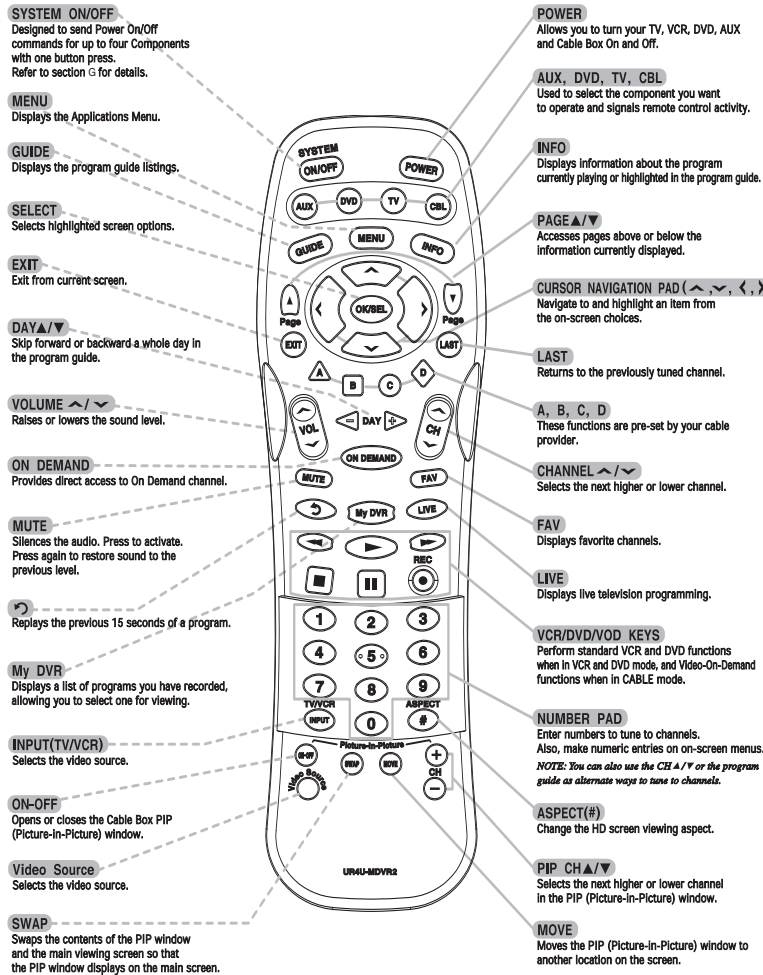
DEFAULT STATUS:

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



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

CBL

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

TV

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

DVD

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

AUX

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

6 Set-up Code Tables

CBL

Remote	Converter	Code No
UR4U-MDV2R	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	172 216 140 234 242
	Bell Fibe	229
	Blue Stream	238
	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
	Fastel	228
	Frontier	239
	Horizon	225
	Humax	231
	KAON	208
	Layer3	226
	MOTOROLA	206 253
	MOXI HD DVR set top boxes	003
	nFusion FTA receivers	192
	Optimum	236 237
	PACE	001 002 206 217
	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	197 248 404 475 387 615
A-MARK	112
AMERICA ACTION	043
AMPRO	167 073
ANKSTRAD	052
ANAM	043 054 056 080 112
AOC	197 112 363 616
APEX	572
APEX DIGITAL	006 724
AQUAVISION	573 574 686 904
ASTAR	477
AUDIOVOX	076 454 388
Avera	761
AVIELO	627 628
AVION	441
AVIOL Vision	905
AXESS	711
BELCOR	363
BELL&HOWELL	072 333
BENO	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
Contino-us	161 746 747
CORNEA	363
CRAIG	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
em.	073 363
DURABRAND	096
DWIN	177 257
DYNASTY	043
DYNATECH	062
Dish Network	122
Duoson	218
Entone	221
EVOLUTION	189 215
EVOLUTION FTA	158
Fastel	228
Frontier	239
Horizon	225
Humax	231
KAON	208
Layer3	226
MOTOROLA	206 253
MOXI HD DVR set top boxes	003
nFusion FTA receivers	192
Optimum	236 237
PACE	001 002 206 217
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
HARLEY DAVIDSON	028
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	355 400 052 164 403 454 457 604 617 903
INTEO	073
JANEIL	002
JBL	164
JCB	001
JCPENNEY	024 197 008 009 030 065 363 258 333
JVC	038 034 001 210 240 406 699 668 701
KAWASHO	001 197 363
KEC	043
KENWOOD	197 001
KLEGG	466
KLOSS	002
KNOLL	659
KONKA	457
KREISEN	530
KTV	043 197
KURBAZI	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
NEXUS	620 454
NIKEI	043
NIKKO	197 363
NIKO	527
NORCENT	390
NUVISION	351 567
OLEVIA	432 363 144 333
ONKING	043
ORION	898
OWNA	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	164 028 197 003 206 431 363 333 161 594 629 727 773
PILOT	363
PIONEER	234 197 374 393 273 363 660
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
PYLE HOME	661 662
QUASAR	034 056
RADIO SHACK	019 043 363
RCI	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
SAMSUX	197
SANSEI	076

TV

Manufacturer/Brand	Set-Up Code Number
SANSUI	096 400 615 454 762
SANYO	007 057 187 657 750
SCEPTRE	276 699
SCOTCH	197 363
SCOTT	028 043 048 363 497
Sedex	897
SEARS	138 030 007 028 057 165 363 333
SEIKI	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
Silo	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	633 634 635 386 605 772 901 902 907
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	056 062
TCL	705 749
TECHNICS	034 080
TECHNOL ACE	028
TECHWOOD	363
TEKNIKA	002 003 024 028 043 072 363 258
TELEFUNKEN	615
TELEFENT	072
TELEVISION	663
TMK	363
TNCl	073
TOSHIBA	138 030 007 062 325 258 703
TVS	096
UNIVERSAL	008 009
UPSTAR	708
VENTURER	721
VICTOR	038
VIDEOKRON	174 188 164
VIDTECH	363
VIEWSONIC	242 389 720
VIKING	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
YUPITERU	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
BLU&PUNKT	111
BROKSONIC	130
CAMBRIDGE AUDIO	323 333 360
CARY AUDIO DESIGN	266
CINEVISION	091
COBY	260
CYBERHOME	271
DENON	173 138 329 358
DUNE	366
DURABRAND	091
DVD 2000	017

DVD

Manufacturer/Brand	Set-Up Code Number
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
POLAROID	284 295 297
LEITEON	264 265 268
LEXICON	148
LG	091 057 350
MAGNAVOX	066 096 386
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
TECHNICS	111
NESA	076 141 180 273 338
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
RCI	027 307
Reason	966
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
SYLVANIA	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
VINIC	308
VIZIO	375
X-BOX	027
YAMAHA	042 089 166 197 138 334 383
ZENITH	057 091

DVD-DVD Recorders

Manufacturer/Brand	Set-Up Code Number
GO VIDEO	220 221 222
CYBERHOME	271
ILO	268

DVD-DVD Recorders

Manufacturer/Brand	Set-Up Code Number
KISS	279
LITEON	265 268
PANASONIC	138
PHILIPS	317
RCA	027
SAMSUNG	301
SENSORY SCIENCE	222
SONY	191
TOSHIBA	188 273

DVD-TV/DVD Combos

Manufacturer/Brand	Set-Up Code Number
AKAI	281
AIWA	146
AUDIOVOX	284
DURABRAND	143
ESA	143
FLUNAI	143
INSIGNIA	292 297 143
MINTEK	282
POLAROID	284 295 297
SAMSUNG	165
SYLVANIA	143
SYMPHONIC	143
SV2000	143
TOSHIBA	130
TRUTECH	293

DVD-TV/DVD/VCR Combos

Manufacturer/Brand	Set-Up Code Number
EMERSON	143
MAGNAVOX	143
PANASONIC	144
SUPERSCAN	143
SYLVANIA	143
TOSHIBA	164