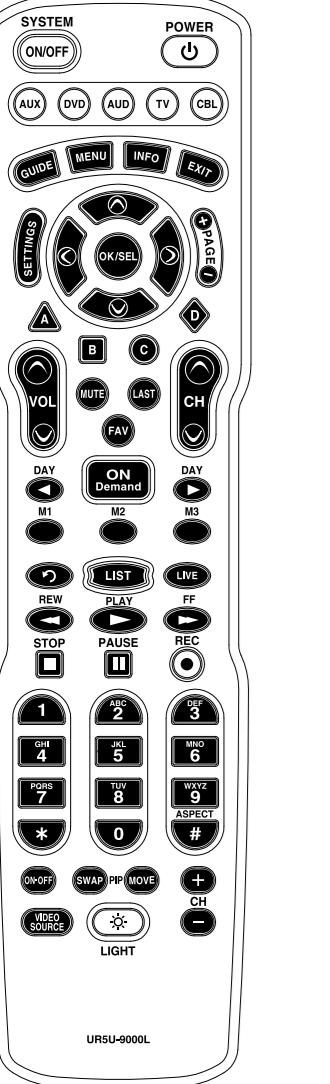


Operating Instructions For PHAZR-5 Cable Remote Control

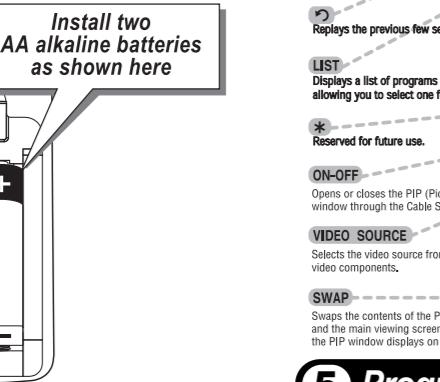
UR5U-9000L & UR5U-9020L



2 Replacing Batteries

Before you program or operate the remote control, you must install two new AA alkaline batteries.

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



3 Operations

DEFAULT STATE:

Device Default: Cable Set-Top Box (STB)

Channel Default: CABLE channel and numbers through the CABLE STB. You have the option of controlling your CABLE channel and numbers through the TV or AUD. Refer to section I for programming steps.

Volume Default: Volume and Mute control are automatically transferred to the respective Component based on the Device selected:

CBL: Cable Set-Top Box ; **TV:** TV ; **AUD:** AUD. **DVD:** TV ; **AUX:** AUX. You have the option of controlling CABLE Volume and Mute through the TV, DVD or AUD. Refer to section H for programming steps.

1 Introduction

The PHAZR-5 UR5U-9000L & UR5U-9020L is designed to operate the CISCO / SA, Pioneer, Pace Micro, Samsung and Motorola digital set tops, Plus the majority of TV, AUD, DVD and AUX equipment on the market as shown below.

CBL : Cable Set-top Box

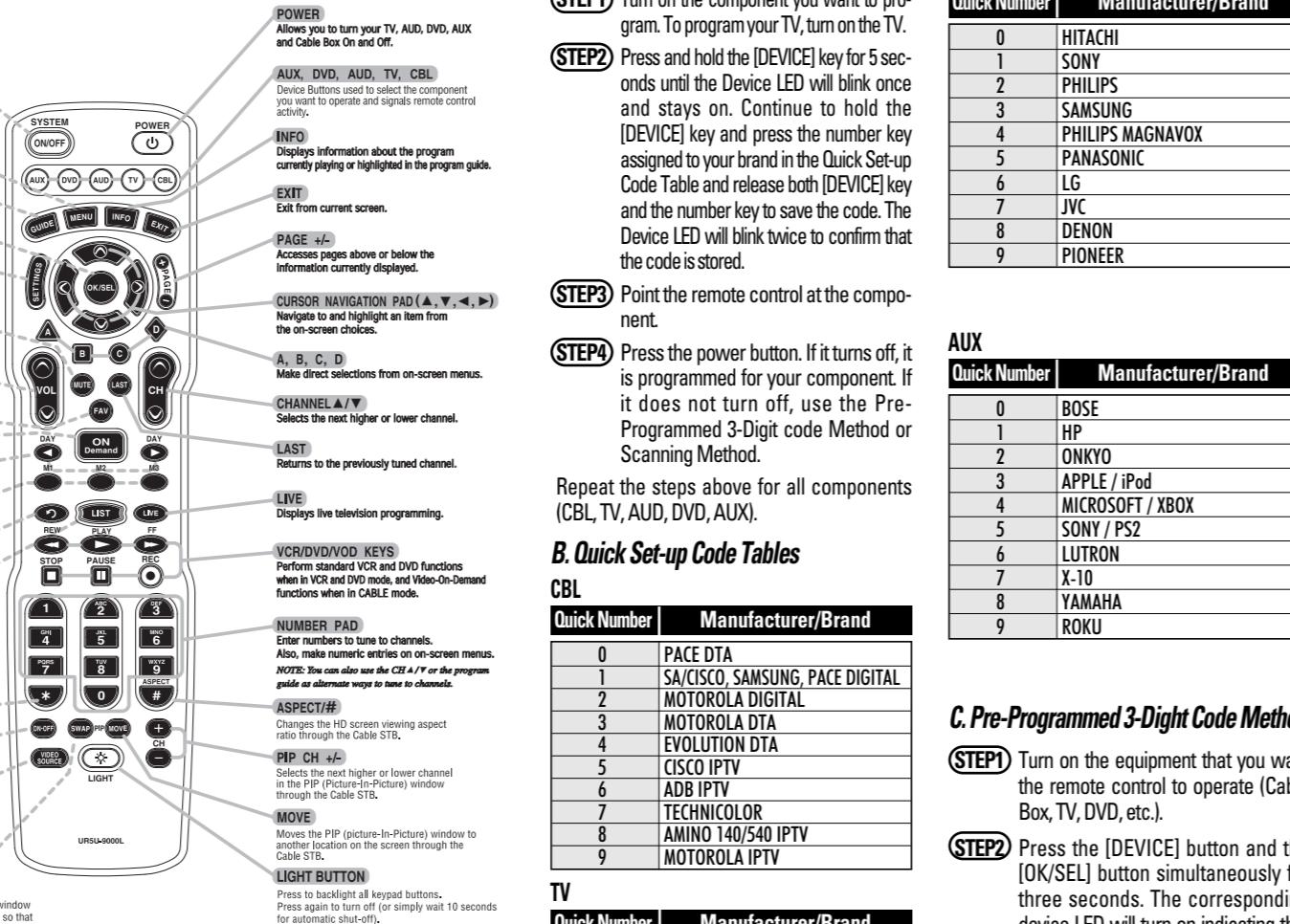
TV : Televisions

AUD: Audio Receivers

DVD : DVD Players

AUX: Media PC, Gaming System, etc.

4 Button Functions



5 Programming the Remote Control

IMPORTANT SETUP NOTE!

In this section when you are instructed to press a [DEVICE] button, that means to press either the CBL, TV, AUD, DVD or AUX button, depending on what device you are programming the remote to operate.

There are three ways you can program your remote:

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

The Quick Set-Up Method is a unique feature that enables the fastest and easiest setup by using a 1 digit code. This is the quickest way to set up devices made by popular manufacturers.

The Pre-Programmed Code Method allows you to setup all of the buttons at once by entering 3-digit code numbers that correspond with the components manufacturer/brand. Code tables for this method are on the backside of the operating instructions.

The Auto-Search Method scans through all of the codes in the remote control, one at a time allowing you to identify the correct code.

IMPORTANT SETUP NOTE!

This pertains to all programming steps. When you are in setup mode the device LED will light 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.

A. Quick Set-Up Method

- Turn on the component you want to program. To program your TV, turn on the TV.
- 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.
- Point the remote control at the component.
- 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, AUD, DVD, AUX).

B. Quick Set-up Code Tables

CBL

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

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

AUDIO

Quick Number	Manufacturer/Brand
0	ROTEL
1	DENON
2	YAMAHA
3	MARANTZ
4	SONY
5	INTEGRA
6	HARMAN KARDON
7	PIONEER
8	ONKYO
9	LEXICON

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

code number from the brand list.

- Store the three-digit code by pressing the same [DEVICE] button once again. The device LED will blink twice to confirm that the code has been stored.
- Press the [CH ▲] button to save the power commands you stored. The [CBL] button will blink twice to confirm the commands have been saved.

*Note : Ten blinks indicates the number 0.

F. Programming the AUX Device

You can take advantage of the AUX function to program a devices such as a media PC, gaming console or satellite radio receiver. Follow the instruction in section C to program an AUX device. You can also program the AUX button for a second TV, DVD or Audio Device. To do this follow the instructions below:

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

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

Turn on the the 2, 3 or 4-digit code for the channel you want programmed first (for example, 007) using the Number Pad.

Press the [OK/SEL] button and [CBL] button simultaneously for three seconds. The device LED will turn on indicating that it is ready to be programmed. The LED will remain on for 30 seconds. The next step must be performed while the LED is on.

Press the [VOL ▲] button. The device LED will blink.

Press [TV] button. The device LED will blink twice to confirm the programming.

*Note : To program a second TV press TV, etc.

To access the programmed channels, press the [MACRO] button once. This will bring up the first channel. Press once again and it will bring up the second channel. Press again and it will bring up the third channel.

I. Programming Channel Control

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

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

Once you have found the correct 3-digit code, save it by pressing the [AUX] button one more time. The [AUX] LED light will blink twice to confirm that the code was stored.

Once you have found the correct 3-digit code, save it by pressing the [AUX] button one more time. The [AUX] LED light will blink twice to confirm that the code was stored.

Press the [OK/SEL] button and [TV] button simultaneously for three seconds. The device LED will turn on for 30 seconds. The next step must be performed while the LED is on.

Press the [VOL ▲] button. The device LED will blink.

Press [TV] button. The device LED will blink twice to confirm the programming.

*Note : To return CBL device to CBL volume repeat steps above replacing [TV] with [CBL] in Step 3.

G. Programming the System On/Off Button

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

Press the [CBL] button.

Press the [SYSTEM ON/OFF] button and the [OK/SEL] button simultaneously for 3 seconds. The [CBL] button will turn on for 30 seconds. The next step must be performed while the LED is on.

Press the [INFO] button. The device LED will blink a number of times indicating the number of each digit for the code. Each digit is separated by a one second

*Note : You can verify that you have selected the correct code by pressing the [POWER] button. The equipment should turn back on. Then try all of the functions on the remote control (i.e. volume, mute, etc.) to ensure you have the correct code. If any of the functions do not operate as they should, repeat the instructions from STEP 3 above to continue the Auto Search Method.

M. Record Your Component Set-up Codes

TV Set-up Code Number:

AUD Set-up Code Number:

DVD Set-up Code Number:

AUX Set-up Code Number:

For additional information about your remote control, go to www.universalremote.com

*Note : To return TV device to CBL channel repeat steps above replacing [TV] with [CBL] in Step 3.

J. Programming a 'Macro' button.

If your remote model has custom-programmable Macro buttons available(See Section 4), they can be programmed to act as a 'Macro' or Favorite Channel button in CABLE mode. This allows you to program up to five 2-digit channels, four 3-digit channels or three 4-digit channels that can be accessed with one button press.

*Note : Ten blinks indicates the number 0.

H. Programming Volume Control

Volume and Mute control are factory programmed to automatically transfer to the respective Device mode You select, as follows:

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

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

Turn on the the 2, 3 or 4-digit code for the channel you want programmed first (for example, 007) using the Number Pad.

Press the [OK/SEL] button and [CBL] button simultaneously for three seconds. The device LED will turn on indicating that it is ready to be programmed. The LED will remain on for 30 seconds. The next step must be performed while the LED is on.

Press the [VOL ▲] button. The device LED will blink.

Press [TV] button. The device LED will blink twice to confirm the storage of commands.

*Note : To program a second TV press TV, etc.

To access the programmed channels, press the [MACRO] button once. This will bring up the first channel. Press once again and it will bring up the second channel. Press again and it will bring up the third channel.

K. Low Battery Warning

When the batteries are low and need to be replaced with fresh batteries, the Device 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.

TV

Manufacturer/Brand

Set-Up Code Number

DAEWOO 363 043 076 143

Manufacturer/Brand	Set-Up Code Number
EPSON	324 590
ESA	323
Evervue	755
FISHER	007 057
FUJITSU	246 198 410
FUNAI	028 043 052
FUTURETECH	043
GATEWAY	242 268
GE	073 116 008 009 034 056 333 363
GEM	391
GIBRALTER	116 073
GO VIDEO	026
GOLDSTAR	113 116 102 363 112 143
GPX	674
GRUNPY	028 043
HAIER	363 501 623 749
HALL MARK	363
HANNSPREE	349 381
HARLEY DAVIDSON	028
HARVARD	043
HELLO KITTY	076
HIMITSU	043
HISENSE	419 442 619 630 631 363 752
HITACHI	011 166 009 143 072 363 250 587 613 670 749
HP	421
HUMAX	518
ILO	472 399
INFINITY	164
INFOCUS	333 230 547 548 470 532 564 595 733
INITIAL	282
INSIGNIA	350 400 052 164 403 454 457 604 617
INTEQ	073
JANEIL	002
JBL	164
JCB	001
JCPENNEY	024 116 008 009 030 065 258 143 333 363
JVC	038 034 001 210 533 581 639 406 668 701
KAWASHO	116 001
KEC	043
KENWOOD	116 001
KLEGG	466
KLOSS	002
KMC	143
KNOLL SYSTEMS	230 659
KONKA	457
KREISEN	530
KTV	043 116 143 154
KURAZAI	072
LG	363 113 116 102 112 143 569 284 648 741
LITEON	268
LOGIK	072
LUXMAN	363
LXI	166 007 138 052 251 333 164
MAGNAVOX	164 116 003 363 333 226 390 467 431 594
MAJESTIC	333 072
MARANTZ	116 164 281
MATSUI	164
MATSUSHITA	080
MAXENT	242
MEGATRON	116 011
MEMOREX	007 072 363
MGA	116 363 024 028
MIDLAND	333 073
MINUTZ	008
NEC	
NET TV	
NEXUS	
NIKEI	
NIKKO	
NIKO	
NORCENT	
NUVISION	
OLEVIA	
ONKING	
ONWA	
OPTOMA	
OPTONIC	
PANASON	
PEERLESS	
PHILCO	
PHILIPS	
PILOT	
PIONEER	
PLANAR	
POLAROID	
PORTLAN	
PRINCET	
PRISM	
PROSCAN	
PROTON	
PROTRO	
PROVIEW	
PROX	
PULSAR	
PYLE HO	
QUASAR	
RADIO SH	
RCA	
REALISTI	
REVOLUT	
RUNCO	
SAMPO	
SAMSUNG	
SAMSUX	
SANSEI	
SANSU	
SANYO	
SCEPTRE	
SCOTCH	
SCOTT	
SEARS	
SEIKI	
SELECO	
SEURA	
SHARP	
SHENG C	
SHERWO	
SHOGUN	
SIGNATU	
Silo	

Brand	Set-Up Code Number	TV	
	Manufacturer/Brand		
	109 024 028 363 348 450 658	Skyvue	648
	017	SONY	001 60
WARD	333 072	SOUNDESIGN	028 36
	081	SOVA	041
	116 363 258	SOYO	528
	043	SPECTRICON	112
	138	SPECTRONIQ	499 50
	272 197 116 024 056 019 262 236 281	SQUAREVIEW	052
	575 717 758	SSS	363 04
	242	STARLITE	043
	620 454	SUNBRITE	633 63
	043	SUPERSCAN	052 08
	116	SUPRA	116
	527	SUPRE MACY	002
	390	SUPREME	001
	351 567	SVA	328
	432 363 333	SYLVANIA	116 00
	043	SYMPHONIC	052
	043	SYNTAX OLEVIA	432 36
	265 249	TANDY	251
	019 251	TATUNG	056
	080 034 056 164 208 359 552 524 607 664	TCL	705 74
	723 763	TECHNICS	034 08
	116 003 164 363 024 056	TECHNOL ACE	028
	164 038 116 003 363 206 431 333 161	TECHVIEW	045
	594 629 727 773	TECHWOOD	363
	116	TEKNIKA	002 00
	234 116 393 272 520 582 660	TELEFUNKEN	037 04
	728 742 787 788	TELERENT	072
	388 323 328 353 354 355 356 494 387	THOMSON	049 05
	391 505 506 508 526	TMK	363
	363 143	TILEVISION	663
	004	TNCI	073
	034	TOSHIBA	138 03
	333 722	TOTEVISION	143
	363 112 143 528	UNIVERSAL	008 00
	392 398 498 499 500	UPSTAR	708
	494	VENTURER	721
	572	VICTOR	038
	116 073	VIDIKRON	174 16
	661 662	VIDTECH	363
	034 056	VIEWSONIC	242 38
K	019 363 143 043	VIKING	002
	333 065 116 363 024 056 161 588 713 751	VIORE	472 59
	007 019 043	VISCO	526
I HD	466	VITO	363
	073 395 416 072 342 697 698	VIZIO	386 38
	116 363 242	WARDS	363 00
	258 050 363 143 333 228 229 515 655	W Box Technologies	731
	116	WESTINGHOUSE	076 27
	076	YAMAHA	116 36
	400 615 454 762	YORK	363
	007 166 057 187 511 266 657 750	YUPITERU	043
	276 699	ZENITH	363 07
	116	ZONDA	112
	028 043 048 143 363 497	TV-LCD & Plasma TV	
	030 363 007 028 057 143 333 166 138		
	690	Manufacturer/Brand	
	205 011		
	704		
	251 019 028 363 143 308 684 692 735		
	765 766		
	081		
	349		
	116		
	072		
	001		

TV-LCD & Plasma TVs		
Set-Up Code Number	Manufacturer/Brand	Set-Up Code
6 651 702	AUDIOVOX	454 388 076
3 043	AVION	441
	AXION	039
	BENQ	600
	CHANGHONG	247
	COBY	641 671
	CYBERHOME	015
	DAEWOO	076 363
	DELL	320 164 363
	DURABRAND	052
	DWIN	257
	DYNEX	400
	ELECTROGRAPH	466
	ELEMENT	363 494 526 622
	EMERSON	514 363 076 052
	ESA	323
	FUJITSU	246 198
	FUNAI	052
	GATEWAY	242 268
	GO VIDEO	026
	HAIER	363 501 623
	HANNSPREE	349 381
	HISENSE	419 442 619 630 631
	HITACHI	011 363 613 670
	HP	421
	HUMAX	518
	ILO	472
	INFOCUS	547 470
	INITIAL	282
	INSIGNIA	350 400 052 164 403 45
	JVC	038 210 581 639 668
	KLEGG	466
	KONKA	457
	KREISEN	530
	LG	363 569 113 116 284 64
	LITEON	268
	LOEWE	164
	MAGNAVOX	164 363 226 390 467 43
	MARANTZ	116 164 281
	MAXENT	242
	MITSUBISHI	363
	NEC	272 262 575
	NEXUS	620 454
	NIKO	527
	NORCENT	390
	NUVISION	351 567
	OLEVIA	432 363 333
	PANASONIC	080 164 208 552 524 66
	PHILIPS	164 363 431 161 594 62
	PIONEER	234 393 272 520 582 66
	POLAROID	388 323 328 353 356 494
	PRINCETON	004
	PROTON	528
	PROTRON	392 398 498 499 500
	PROVIEW	494
	PROX	572
	PYLE HOME	661 662
	RCA	333 363 161 588
	REVOLUTION HD	466
	RUNCO	395 416 697 698
	SAMPO	363 242
	SAMSUNG	258 228 229 515 655
	SANSUI	400 615
	SANYO	007 166
	SCEPTRE	276 699

TV-LCD & Plasma TVs	
Manufacturer/Brand	Set-Up Code Number
SHARP	251 363 684 692
SHERWOOD	349
SONY	001 608 651
SOVA	041
SOYO	528
SPECTRONIQ	499 500
SUNBRITE	633 634 635 386
SUNBRITE TV	605
SVA	328
SYLVANIA	052 164 333 514
SYMPHONIC	052
SYNTAX OLEVIA	432 363 333
TATUNG	056
TECHVIEW	045
TELEFUNKEN	615
TILEVISION	663
TOSHIBA	138 258 325
VIEWSONIC	242 389
VIORE	472 592
VISCO	526
VITO	363
VIZIO	386 387 624 625 675
WESTINGHOUSE	076 276 435 001 690 695
YAMAHA	116 363
ZENITH	363 073 072

TV-Projection TVs	
Manufacturer/Brand	Set-Up Code Number
AKAI	404 475
DAEWOO	076
EPSON	324
HITACHI	011
INFOCUS	333 548
JVC	038
LG	363
LOEWE	164
MAGNAVOX	164 333
MITSUBISHI	109
OPTOMA	265
PANASONIC	080 524
PHILIPS	164 431
RCA	333
SAMSUNG	258
SANYO	166 007 187
SHARP	251
SONY	001
TOSHIBA	138
ZENITH	363 073 072

TV-Projectors	
Manufacturer/Brand	Set-Up Code Number
AVIELO	627 628
BENQ	423
BOXLIGHT	266
DELL	618
DIGITAL PROJECTION	570
DREAMVISION	235
EPSON	590
FUJITSU	410
HITACHI	250
INFOCUS	230 532 564 595 726
JVC	533 406 701
KNOLL SYSTEMS	230 659

TV-Projectors		AUDIO
Manufacturer/Brand	Set-Up Code Number	Manufacturer
MITSUBISHI	348 658	MYRYAD
NEC	236 281	NAD
OPTOMA	249	NAKAMICHI
PANASONIC	359 607	NEC
RUNCO	342	NILES
SANYO	511 266 657	ONKYO
SELECO	205	OPTIMUS
SHARP	308	OUTLAW
SIM2	205	PANASO
SONY	646 702	PARASO
TOSHIBA	230	PHILIPS
VIDIKRON	342 174 188 192	PIONEER
YAMAHA	370	PROCESSOR
AUDIO		RCA
Manufacturer/Brand	Set-Up Code Number	REALISTIC
ADCOM	082 092 225 161 269 356	ROKU
AIWA	018 104 202 203 213 211 188	ROTEL
AKAI	189	SAMSUNG
ANTHEM	335 337	SANSUI
ARAGON	687	SANYO
ARCAM	141 077	SCOTT
ATLANTIC TECHNOLOGY	342	SHARP
AUDIO FILE	071	SHERWOOD
B & K	096 097	SONY
BOSE	070 224	SOUNDBAR
BOSTON ACOUSTICS	447	SUNFIRE
CAMBRIDGE AUDIO	684	TEAC
CARVER	006 028 061 071 201 214 226 185 013 077 284	TECHNICS
CARY AUDIO DESIGN	378	THETA D
CITATION	148	TOSHIBA
CLARION	026	VIZIO
DENON	340 109 215 230 234 330 679 774	YAMAHA
DIGITAL PROJECTION	660	ZENITH
DVICO	570	
ELAN	057 290	
ENLIGHTENED AUDIO	099 098	
ESCIENT	451	
FISHER	214 182	
FLEXTRONICS	378	
FOSGATE AUDIONICS	148 342	
GOLDSTAR	008	
HARMAN KARDON	318 148 233 077 028 118	
HITACHI	020	
INTEGRA	275 017 046 108 080 209 381	
JAMO	399	
JCPENNEY	216	
JVC	163 191 114 279 291	
KENWOOD	026 066 145 192 182 005 280 374	
KLEGG	686	
KLH	331	
KLIPSCH	687	
KOSS	216	
KRELL	072 384 672	
LEXICON	357 120 235 236 237 360	
LINN	124 377	
LUXMAN	009 139 052 165 115 004	
MAGNAVOX	086 164 152 077	
MARANTZ	006 028 031 040 063 185 186 265 289 492 712 719	
MCINTOSH	238 286 311	
MERIDIAN	100 012 013 628	
MITSUBISHI	242 204	

AUDIO-SOUNDBAR	
Brand	Set-Up Code Number
	077
	186 113
	040 244 245 172 183 287
	176
	403
	046 275 017 108 080 209 381
	026 041
	342
	032 195 219 177 292 626
D	129 130 132 261 294 295 333 334
	249 250 063
	480 014 039 044 069 168 116 035 063 198
	144 268
	010 048 117 156 067 288
	019 073 075 095
	739
	083 074 085
	016
	040 048 110 063 065 228
	214
	019
	026 094 175
	024 102 106 447 370
	001 018 247 248 166 101 184 218 271
	560 612
N	036
	344 345 182
	005 019 049 040 212 217
	122 176 193 219 178 177 200 257 262
TAL	136
	060 087 198 278
	551
	205 026 253 169 067 173 264 232 089
	264 274 715 717 644 695 738 756 661
	143 210
SOUNDBAR	
Brand	Set-Up Code Number
	100
	534
	799 548
KINS	467
dio	815
OLOGY	582 703 537
	728
	802
	602
on	531
	730 803 538
	802
	741
	531
	602 797 798 540 543 544 545
	700 541
	520
N	763 517
	557
	257
	618 708 758 517
	558
	727 526
	606
	605 732
	518
	521
	522
Manufacturer/Brand	
Shorp	801 54
Sony	529
SPEAKERCRAFT	562
TOSHIBA	608
VIZIO	665
YAMAHA	568 64
ZVOX	796 53
DVD	
Manufacturer/Brand	
ACCURIAN	003 26
ADCOM	157
ADVENT	005
AIWA	146
AKAI	281
ALLEGRO	091
ALPINE	098
AMW	006 00
ANTHEM	361
APEX DIGITAL	087 11
ARCAM	122 37
ASPIRE DIGITAL	008 00
AUDIOVOX	003 01
BEL CANTO DESIGN	016
BLAUPUNKT	111
BROKSONIC	130
BUFFALO	264
CALIFORNIA AUDIO LABS	021 12
CAMBIDGE AUDIO	323 33
CARY AUDIO DESIGN	174 26
CENTRIOS	019
CINEVISION	091
CITIZEN	020
COBY	260
CYBERHOME	271
DAEWOO	132
DENON	173 08
DIAMOND VISION	037 03
DISNEY	040 09
DUNE	366
DURABRAND	091
DVD 2000	017
DYNEX	349
EMERSON	091 14
ENTERPRISE	074
ESA	022 14
FISHER	147
FUNAI	143
GATEWAY	222
GE	027
GO VIDEO	137 09
GOLDSTAR	091
GPX	044 04
GRADIENTE	021
GREENHILL	111
GRUNDIG	083
HARMAN KARDON	084 14
HITACHI	101
HITEKER	087
ILO	268
INITIAL	111
INSIGNIA	143 29
INTEGRA	142 18
JATON	046
JBL	084
JSI	047

Set-Up Code Number		DVD	
		Manufacturer/Brand	Set-Up Code
	JWIN	048 050	
	KAWASAKI	149	
	KENWOOD	151	
	KISS	279	
	KLH	135	
	KONKA	051 052 054 055	
	KOSS	047 058 059	
	KREISEN	060	
	KRELL	104	
	LASONIC	061 062	
	LEXICON	148	
	LG	091 057 074 350	
	LITEON	264 265 268	
	LOEWE	063	
	MAGNAVOX	066 096 282 386	
	MALATA	267	
	MARANTZ	066 332	
	MCINTOSH	125	
	MEMOREX	040 096 163	
	MERIDIAN	153	
	MICROSOFT	027 206	
	MINTEK	111 282	
	MITO	149	
	MITSUBISHI	017	
	MYRYAD	102 134	
	NAD	088 353	
	NAKAMICHI	103	
	NESA	111	
	NEUNEO	067	
	NEXXTECH	068	
	NORCENT	005 006 007 069 071 072	
	ONKYO	076 141 180 273 338	
	OPPO	266 341	
	OPTIMUS	023	
	ORION	130	
	ORITRON	058	
	PANASONIC	138 144 150 285 021 341	
	PARASOUND	245	
	PHILIPS	066 276 317 344 381	
	PHILIPS MAGNAVOX	035 141 066	
	PIONEER	023 099 131 304 337 338	
	POLAROID	233 284 295 297	
	POLK AUDIO	141 066	
	PRESIDIAN	003 096	
	PRIMA	005	
	PRIMARE	193 194	
	PRINCETON	078	
	PROSCAN	027	
	RCA	027 307	
	RIO	091	
	RJTECH	269	
	ROTEL	204	
	SAMPO	081 082 085	
	SAMSUNG	070 165 137 159 275 300	
	SANSUI	154	
	SANYO	147	
	SEARS	130	
	SENSORY SCIENCE	222	
	SHARP	094	
	SHERWOOD	245 345 361	
	SHINSONIC	033	
	SONIC BLUE	091	
	SONY	001 033 145 191 286 297 343 351 363 368 378 391	

DVD	
Manufacturer/Brand	Set-Up Code Number
SUNGALE	090 223
SUPERSCAN	143
SVA	092 093
SYLVANIA	143
SYMPHONIC	143
TAG McLAREN	156
TASCAM	012
TATUNG	102
TEAC	023 270
TECHNICS	138
TECHWOOD	088
THETA DIGITAL	023
THOMPSON	027
TOSHIBA	130 141 164 188 273 356
TRUTECH	293
URBAN CONCEPTS	035
US LOGIC	111 282
VENTURER	149
VINC	161 308
VIZIO	375
X-BOX	027 206
YAMAHA	089 066 197 138 334 383
ZENITH	057 074 091

DVD-Blu-ray & HD DVD	
Manufacturer/Brand	Set-Up Code Number
ANTHEM	361
CAMBRIDGE AUDIO	360
DENON	329 358
INSIGNIA	096 349
INTEGRA	273 338
LG	091 350
MAGNAVOX	096
MARANTZ	332
NAD	353
ONKYO	273 338
OPPO	341
PANASONIC	285 346
PHILIPS	344 381
PIONEER	304 354 364
SAMSUNG	275 380
SHERWOOD	345 361
SONY	286 340 351 363 368 378 382
TOSHIBA	273 356
VIZIO	375
YAMAHA	334 383

DVD-DVD Recorders	
Manufacturer/Brand	Set-Up Code Number
GO VIDEO	220 221 222
CYBERHOME	271
ILO	268
KISS	279
LITEON	265 268
MAGNAVOX	096
PANASONIC	138
PHILIPS	317
RCA	027
SAMSUNG	301
SENSORY SCIENCE	222
SONY	191

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

DVD-TV/DVD/VCR Combos	
Manufacturer/Brand	Set-Up Code Number
DURABRAND	143
EMERSON	143
ESA	143
INSIGNIA	143
MAGNAVOX	143
PANASONIC	144
SUPERSCAN	143
SV2000	143
SYLVANIA	143
SYMPHONIC	143
TOSHIBA	164

DVD-DVD/VCR Combos	
Manufacturer/Brand	Set-Up Code Number
GO VIDEO	137
PANASONIC	150
PHILIPS	066
RCA	027
SAMSUNG	137 159
SANSUI	154
SONY	145
TOSHIBA	141
ZENITH	091

AUX-DVR(TIVO)	
Manufacturer/Brand	Set-Up Code Number
CHANNEL MASTER	859
DSTV	787 788 789 800 786
SONY	804 805
Speco Technologies	879
TIVO	858
ZUUMMEDIA	855

AUX-Home Theater Systems	
Manufacturer/Brand	Set-Up Code Number
BOSE	347 409 460
DENON	564
INSIGNIA	589
KEF	530
KOSS	573
NAD	598
NIRO	343
ONKYO	552
PANASONIC	516
PHILIPS	690 705

Theater Systems	
Brand	Set-Up Code Number
	685
	654
	571 653
	652
	317 319 321 322 324 697
	510
	644

Cable & Satellite Radios	
Brand	Set-Up Code Number
	917
	532 170
	515
IO	751
	556
	445
	555 585 767
	380
RADIO	515 556
	611

Controls	
Brand	Set-Up Code Number
d	828 824
	827
	559
	418
	835
N	825
	834
	833
	831

Media PCs	
Brand	Set-Up Code Number
	820
	915
	565

Entertainment Systems	
Brand	Set-Up Code Number
BOX	851
DX 360	826
PS3	829 498

Programming Controls	
Brand	Set-Up Code Number
VNET	849
	436
	850
CONTROLS	848
	843 844
	841 839 341 435
	846 847
	842 840 845

Digital to Analog Converter box	
Brand	Set-Up Code Number
	577
TEAM	609