

Operating Instructions For PHAZR-5 Cable Remote Control

UR5U-9000L & UR5U-9020L



Universal Remote Control, Inc.
www.universalremote.com
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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
AUD : Audio Receivers
AUX : Media PC, Gaming System, etc.

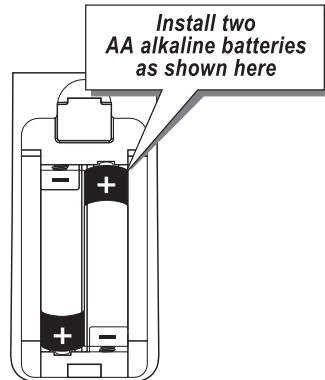
2 Replacing Batteries

Before you program or operate the remote control, you must 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

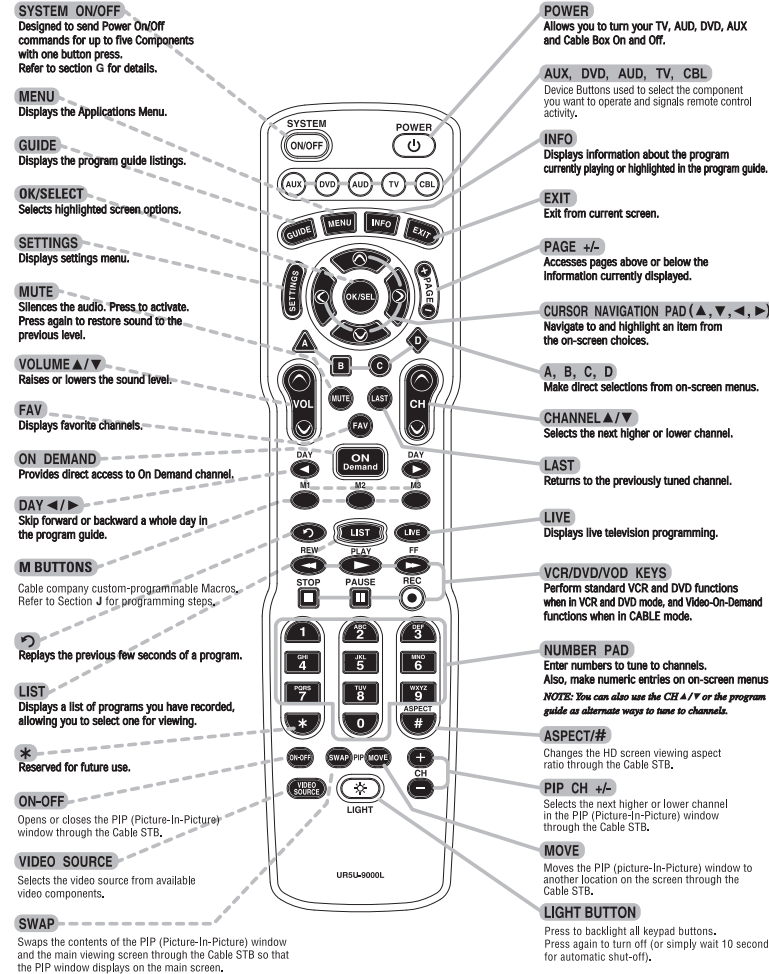
DEFAULT STATE

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.

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

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, 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 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

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

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 equipment that you want the remote control to operate (Cable Box, TV, DVD, etc.).

STEP2 Press the [DEVICE] button and the [OK/SEL] button simultaneously for three seconds. The corresponding 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 entered while the LED is on.

STEP3 Point the remote control toward the equipment and enter the three-digit code number assigned to your brand from the code tables. If there are more than one three-digit number listed for your brand, try one code number at a time until your equipment turns off.

***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 using the next three digit

code number from the brand list.

STEP4 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.

D. Auto-Search Method

If none of the three digit code numbers assigned to your brand of equipment works, or the code table does not list your brand, you can use the Auto Search Method to find the correct three-digit code number for your equipment by following steps:

STEP1 Turn on the equipment that you want the remote control to operate (Cable Box, TV, DVD, etc.).

STEP2 Press the [DEVICE] button and the [OK/SEL] 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 entered while the LED is on.

STEP3 Press the [CH+] or [CH-] button one at a time or keep it pressed. The remote will emit a series of Power ON/OFF code signals. Release the [CH+] or [CH-] button as soon as the equipment turns off.

***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.

STEP4 Press the same [DEVICE] button to store the code. The Device LED will blink twice to confirm that the code has been stored.

E To Identify the 3-Digit Code Programmed for a Device

STEP1 Press the appropriate [DEVICE] button and the [OK/SEL] 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.

STEP2 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

interval of the LED being off.

Example : One blink, (pause) three blinks, (pause) eight blinks indicates the code number 138.
***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.

STEP1 Turn on the 5th device you want to program (TV, AUD, DVD, etc.).

STEP2 Press the [AUX] button and the [OK/SEL] button simultaneously for three seconds. The [AUX] device LED will turn on for 30 seconds.

STEP3 Press the [Device] button For the type of device you want to setup. Point the remote control toward the device and enter the 3-digit code number assigned to your brand.

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

STEP4 When the equipment turns off 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, enter the next 3-digit code number from the brand list.

STEP5 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 the code was stored.

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.

STEP1 Press the [CBL] button.

STEP2 Press the [SYSTEM ON/OFF] button and the [OK/SEL] button simultaneously for 3 seconds. The [CBL] button will turn on for 30 seconds.

STEP3 Press the first [DEVICE] button you want to store in the [SYSTEM ON/OFF] button

and then press [POWER]. Repeat this for the other components you want to turn on/off with 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 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.

STEP1 Press the [OK/SEL] button and [CBL] 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.

STEP2 Press the [VOL+] button. The device LED will blink.

STEP3 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.

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

If you wish to store the TV channel controls in TV mode, use the following steps.

STEP1 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.

STEP2 Press the [VOL-] button. The device LED will blink.

STEP3 Press [TV] button. The device LED will blink twice to confirm the programming.

***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.

STEP1 Press the [CBL] button to select the CBL mode.

STEP2 Press the [MACRO] button and [OK/SEL] button simultaneously for 3 seconds. The [CBL] button will turn on for 30 seconds.

STEP3 Enter the the 2, 3 or 4-digit code for the channel you want programmed first (for example, 007) using the Number Pad, then press the [STOP] button. Then enter the code for the next channel (for example, 050), then press the [STOP] button. Repeat this process for the third channel. The [CBL] button will blink once for each channel entered.

STEP4 Press the [CH+] button to store the channels that were selected. The [CBL] button will blink twice to confirm the storage of commands.

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.

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

6 Set-up Code Tables

CBL

Manufacturer/Brand	Set-Up Code Number
CISCO/SA	001 003 041 042 045 046 313
PIONEER	001 103 034 051 063 076 105
PACE	001 002 005 206 217
SAMSUNG	001 030
MOTOROLA	002 111 148 206 253
ADB	254
AMINO	260 235 321
ARRIS	243 172 216 140 234 242
Bell Fibe	229
Blue Stream	238
BT Vision	232 960
CE-LABS	164
COMCAST	195
Cox Digital Cable	223
DIGEO	153
Digital Multimedia Technology	222
Dish Network	161 122
Entone	221 213
EVOLUTION	189 215
Evolution Digital	238
EVOLUTION FTA	158
Foxtel	228
Frontier	239
GENERAL INSTRUMENT	005 103 104
HAMLIN	049 050 055
HITACHI	103 055
Horizon	225
Humax	960 231
Innovative Systems	262
JERROLD	005 004 103 005 003 008 009 010 069
Layer3	226
MAGNAVOX	010 012
MEMOREX	052
MOXI	111 252 153
NFUSION	192
Optimum	245 236 237
PANASONIC	044 047
PHILIPS	006 012 013 020 085
Pico Digital	224
PULSAR	052
RCA	047
RCN	238
REGAL	049 050
REGENCY	057
SKY	230 204 240 241
SONY	108
Spectrum	231
SPRUCER	047
TECHNICOLOR	365
TELNET	354
Time Warner	001
TOCOM	039 040 056
TOSHIBA	052
VIEWSTAR	012 015
Virgin Media	959
WINDSTREAM	212
ZeeVee	227
ZENITH	052 060 093 100

TV

Manufacturer/Brand	Set-Up Code Number
A MARK	112 143
ACCURIAN	036
ADMIRAL	072 251 333
AD NOTAM	672
ADVENT	247 388
ADVENTURA	002
AFFINITY	680
AKAI	116 248 404 475 323 387 391 615
ALBATRON	017
ALERON	028
AMERICA ACTION	043
AMPRO	073
AMSTRAD	052
ANAM	043 054 056 080 112
AOC	116 363 112 616
APEX	572
APEX DIGITAL	006 724
AQUAVISION	573 574 686 904
ASTAR	477
AUDIOVOX	076 454 388
AVENTURA	052
Avera	761
AVIELO	627 628
AVION	441
AXESS	711
AXION	039
BELCOR	116
BELL&HOWELL	333 072
BENQ	423 600
BOXLIGHT	266
BRADFORD	043
BROCKWOOD	116
BYDESIGN	031 032
CANDLE	116 002 003 363
CARY AUDIO DESIGN	266
CELEBRITY	001
CENTURION	116
CETRONIC	043
CHANGHONG	247
CIELO	714
Ciil	732
CITIZEN	116 002 003 363 043 258 143
CLARION	043
CLASSIC	043
CLP CLASSIC	333
COBY	640 641 671 363
COLORTIME	116
CONCERTO	363
CONCIERGE	073

TV	Manufacturer/Brand	Set-Up Code Number
	CONTEC	043 050 051
	Continu-us	161 746 747
	CORNEA	116
	CORONADO	143
	CRAIG	043 054
	CROSLEY	164
	CROWN	043 143
	CURTIS MATHES	116 258 363 143
	CXC	043
	CYBERHOME	015
	DAEWOO	363 043 076 143
	DAYTRON	363 143
	DELL	320 164 363 618
	DIGITAL PROJECTION	570
	DIMENSIA	333
	DREAMVISION	235
	DUKANE	011
	DUMONT	116 073
	DURABRAND	052
	DWIN	257
	DYNASTY	043
	DYNEX	400
	EIKI	187
	ELECTROBAND	001
	ELECTROGRAPH	466
	ELECTROHOME	143 024 076
	ELEKTRA	072
	ELEMENT	363 494 526 622 690
	EMERSON	028 048 043 116 363 050 051 076 143 154 052 514
	ENVISION	116
	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

TV	Manufacturer/Brand	Set-Up Code Number
	HALL MARK	363
	HANNSPREE	349 381
	HARLEY DAVIDSON	028
	HARVARD	043
	HELLO KITTY	076
	HIMITSU	043
	HISENSE	419 442 619 630 631 363 752 749
	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	350 400 052 164 403 454 457 604 617 903
	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
	KMC	143
	KNOLL SYSTEMS	230 659
	KONKA	457
	KREISEN	530
	KTV	043 116 143 154
	KURAZAI	072
	LG	363 113 116 102 112 143 569 284 648 741 598
	LITEON	268
	LODGENET	072
	LOEWE	164 738
	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

TV	Manufacturer/Brand	Set-Up Code Number
	MGA	116 363 024 028
	MIDLAND	333 073
	MINUTZ	008
	MISAKAI	052
	MITSUBISHI	109 024 028 363 348 450 658
	MONIVISION	017
	MONTGOMERY WARD	333 072
	MOTOROLA	081
	MTC	116 363 258
	MULTITECH	043
	NAD	138
	NEC	272 197 116 024 056 019 262 236 281 575 717 758
	NET TV	242
	NEXUS	620 454
	NIKEI	043
	NIKKO	116
	NIKO	527
	NORCENT	390
	NUVISION	351 567
	OLEVIA	432 363 333
	ONKING	043
	onn.	898
	ONWA	043
	OPTOMA	265 249
	OPTONICA	019 251
	PANASONIC	080 034 056 164 208 359 552 524 607 664 801
	PEERLESS-AV	723 763
	PHILCO	116 003 164 363 024 056
	PHILIPS	164 038 116 003 363 206 431 333 161 594 629 727 773
	PILOT	116
	PIONEER	234 116 393 272 520 582 660
	PLANAR	728 742 787 788
	POLAROID	388 323 328 353 354 355 356 494 387 391 505 506 508 526
	PORTLAND	363 143
	PRINCETON	004
	PRISM	034
	PROSCAN	333 722
	PROTON	363 112 143 528
	PROTRON	392 398 498 499 500
	PROVIEW	494
	PROX	572
	PULSAR	116 073
	PYLE HOME	661 662
	QUASAR	034 056

TV	Manufacturer/Brand	Set-Up Code Number
	RADIO SHACK	019 363 143 043
	RCA	333 065 116 363 024 056 161 588 713 751
	REALISTIC	007 019 043
	REVOLUTION HD	466
	RUNCO	073 395 416 072 342 697 698
	SAMPO	116 363 242
	SAMSUNG	258 050 363 143 333 228 229 515 655
	SAMSUX	116
	SANSEI	076
	SANSUI	400 615 454 762
	SANYO	007 166 057 187 511 266 657 750
	SCEPTRE	276 699
	SCOTCH	116
	SCOTT	028 043 048 143 363 497
	Sealoc	897
	SEARS	030 363 007 028 057 143 333 166 138
	SEIKI	690
	SELECO	205 011
	SEURA	704 797
	SHARP	251 019 028 363 143 308 684 692 735 765 766
	SHENG CHIA	081
	SHERWOOD	349
	SHOGUN	116
	SIGNATURE	072
	Silo	001
	SIMPSON	003
	Skyvue	648
	Skyworth	895
	SONY	001 608 646 651 702 633
	SOUNDESIGN	028 363 003 043
	SOVA	041
	SOYO	528
	SPECTRICON	112
	SPECTRONIQ	499 500
	SQUAREVIEW	052
	SSS	363 043
	STARLITE	043
	SUNBRITE	633 634 635 386 605 772 901 902 907
	SUPERSCAN	052 081
	SUPRA	116
	SUPRE MACY	002
	SUPREME	001
	SV4	328
	SYLVANIA	116 003 052 164 333 514 593
	SYMPHONIC	052
	SYNTAX OLEVIA	432 363 333
	TANDY	230 659
	TATUNG	056

TV	Manufacturer/Brand	Set-Up Code Number
	TCL	705 749
	TECHNICS	034 080
	TECHNOL ACE	028
	TECHVIEW	045
	TECHWOOD	363
	TEKNIKA	002 003 363 024 028 043 072 258 143
	TELEFUNKEN	037 046 615
	TELERENT	072
	THOMSON	049 055
	TMK	363
	TILEVISION	663
	TNCI	073
	TOSHIBA	138 030 007 258 325 230 703
	TOTEVISION	143
	UNIVERSAL	008 009
	UPSTAR	708
	VENTURER	721
	VICTOR	038
	VIDIKRON	174 164 188 192 342
	VIDTECH	363
	VIEWSONIC	242 389 720
	VIKING	002
	VIORE	472 592 258
	VISCO	526
	VITO	363
	VIZIO	386 387 624 625 675
	WARDS	363 008 009 019 028 072 143 164 034
	W Box Technologies	731
	WESTINGHOUSE	076 276 435 001 280 690 695
	YAMAHA	116 363 370
	YORK	363
	YUPITERU	043
	ZENITH	363 073 072
	ZONDA	112

TV-Projectors	Manufacturer/Brand	Set-Up Code Number
	AVIELO	627 628
	AWOL Vision	905
	BENQ	423
	BOXLIGHT	266
	DELL	618
	DIGITAL PROJECTION	570
	DREAMVISION	235
	EPSON	590 794
	FUJITSU	410
	HITACHI	250
	INFOCUS	230 532 564 595 726
	JVC	533 406 701
	KNOLL SYSTEMS	230 659
	MARANTZ	281

TV-Projectors	Manufacturer/Brand	Set-Up Code Number
	MITSUBISHI	348 658
	NEC	236 281
	OPTOMA	249
	PANASONIC	359 607
	RUNCO	342
	SANYO	511 266 657
	SELECO	205
	SHARP	308
	SIM2	205
	SONY	646 702
	TOSHIBA	230
	VIDIKRON	342 174 188 192
	YAMAHA	370

AUDIO	Manufacturer/Brand	Set-Up Code Number
	ADCOM	082 092 225 161 269 356
	AIWA	018 104 202 203 213 211 188
	AKAI	189
	ANTHEM	335 337 655 656
	ARAGON	687
	ARCAM	141 077
	ATLANTIC TECHNOLOGY	342
	AUDIO FILE	071
	B & K	096 097
	BOSE	070 224
	BOSTON ACOUSTICS	447
	CAMBRIDGE AUDIO	684 077 100 745 746
	CARVER	006 028 061 071 201 214 226 185 013 077 284
	CARY AUDIO DESIGN	378
	CITATION	148
	CLARION	026
	DENON	340 109 215 230 234 330 679 774 913 636
	DIGITAL PROJECTION	660
	DVICO	570
	ELAN	057 290
	Emotiva	886
	ENLIGHTENED AUDIO	099 098
	ESCIENT	451
	FISHER	214 182
	FLEXTRONICS	378
	FOSGATE AUDIOINICS	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	238 286 311 819
	MERIDIAN	100 012 013 628
	MITSUBISHI	242 204
	MONDIAL	157 158 042 043 081 112
	MYRYAD	077
	NAD	186 113

AUDIO	Manufacturer/Brand	Set-Up Code Number
	NAKAMICHI	040 244 245 172 183 287
	NEC	176
	NILES	403
	ONKYO	046 275 017 108 080 209 381
	OPTIMUS	026 041
	OUTLAW	342
	PANASONIC	032 195 219 177 292 626
	PARASOUND	129 130 132 261 294 295 333 334
	PHILIPS	249 250 063
	PIONEER	480 014 039 044 069 168 116 035 063 198
	PROCEED	144 268
	RCA	010 048 117 156 067 288
	REALISTIC	019 073 075 095
	ROTEL	083 074 085
	SAMSUNG	016
	SANSUI	040 048 110 063 065 228
	SANYO	214
	SCOTT	019
	SHARP	026 094 175
	SHERWOOD	024 102 106 447 370
	Sonance	750
	SONY	001 018 247 248 166 101 184 218 271 560 612
	SOUNDESIGN	036
	SUNFIRE	344 345 182
	TEAC	005 019 049 040 212 217
	TECHNICS	122 176 193 219 178 177 200 257 262
	THETA DIGITAL	136
	TOSHIBA	060 087 198 278
	Trinnov	628
	VIZIO	551
	YAMAHA	205 026 253 169 067 173 264 232 089 264 274 715 717 644 695 738 756 661
	ZENITH	143 210

AUDIO-SOUNDBAR	Manufacturer/Brand	Set-Up Code Number
	ARCAM	100
	Autonomics	795
	Bell'O Digital	534
	Bose	799 548 630
	BOWER & WILKINS	467
	Cambridge Audio	815
	DEFINITECHNOLOGY	582 703 537
	DENON	728 774 927
	Dynex	802
	ENERGY	602
	Episode	629
	Harman Kardon	531
	iLive	730 803 538
	Insighia	802
	INTEGRA	741
	JBL	531
	KLIPSCH	602 797 798 540 543 544 545
	LG	700 541
	Magnavox	520
	MARTINLOGAN	763 517
	Nakamichi	659
	Onkyo	557 741
	Panasonic	257
	PARADIGM	618 708 758 517
	Peerless-AV	558
	PHILIPS	727 526
	PINNACLE	606
	Pioneer	641
	POLK AUDIO	605 732
	Pyle	518
	RCA	521
	Samsung	522
	Sennheiser	643 645

AUDIO-SOUNDBAR	Manufacturer/Brand	Set-Up Code Number
	SENTRY	729
	Sharp	801 546
	Sony	529 697
	SPEAKERCRAFT	562
	TOSHIBA	608
	VIZIO	665
	YAMAHA	568 644 725
	ZVOX	796 535 477

DVD	
Manufacturer/Brand	Set-Up Code Number
ACCURIAN	003 268
ADCOM	157
ADVENT	005
AIWA	146
AKAI	281
ALLEGRO	091
ALPINE	098
AMW	006 007
ANTHEM	361
APEX DIGITAL	087 111 115
ARCAM	122 374
ASPIRE DIGITAL	008 009
AUDIOVOX	003 010 014 015 149
BEL CANTO DESIGN	016
BLAUPUNKT	111
BROKSONIC	130
BUFFALO	264
CALIFORNIA AUDIO LABS	021 124
CAMBRIDGE AUDIO	323 333 360
CARY AUDIO DESIGN	174 266
CENTRIOS	019
CINEVISION	091
CITIZEN	020
COBY	260
CYBERHOME	271
DAEWOO	132
DENON	173 080 138 329 358
DIAMOND VISION	037 038 039
DISNEY	040 096
DUNE	366
DURABRAND	091
DVD 2000	017
DYNEX	349
EMERSON	091 143
ENTERPRISE	074
ESA	022 143
FISHER	147
FUNAI	143
GATEWAY	222
GE	027
GO VIDEO	137 091 220 221 222
GOLDSTAR	091
GPX	044 045
GRADIENTE	021
GREENHILL	111
GRUNDIG	083
HARMAN KARDON	084 140
HITACHI	101
HITEKER	087
ILO	268
INITIAL	111
INSIGNIA	143 292 297 091 096 349 385
INTEGRA	142 180 280 273 338
JATON	046
JBL	084
JSI	047
JVC	012