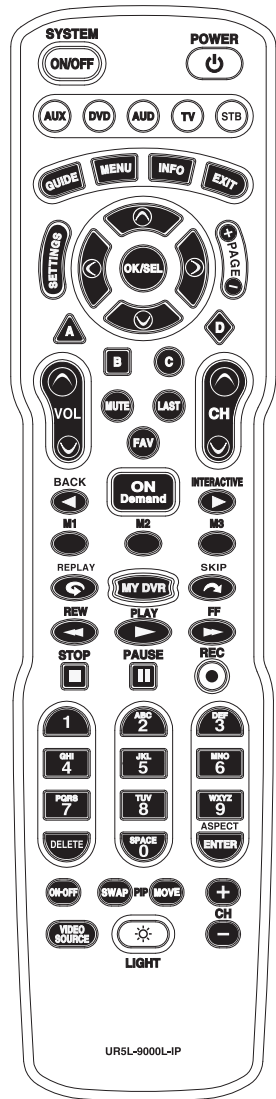


## Operating Instructions For

# PHAZR-5

## Cable Remote Control

UR5L-9000L-IP



Universal Remote Control, Inc.  
www.universalsremote.com  
OCE-0087D REV 29 (05/23/24)

## 1 Introduction

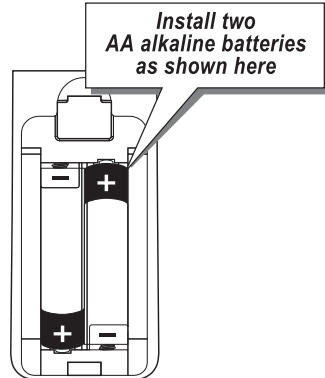
The **Phazr 5**, UR5L-9000L-IP is designed to operate virtually all IPTV, Digital and DTA set top boxes plus the majority of TV, AUD, DVD and AUX equipment on the market as shown below.

**STB** : Set-top Box      **TV** : Televisions  
**AUD** : Audio Receivers      **DVD** : DVD Players  
**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

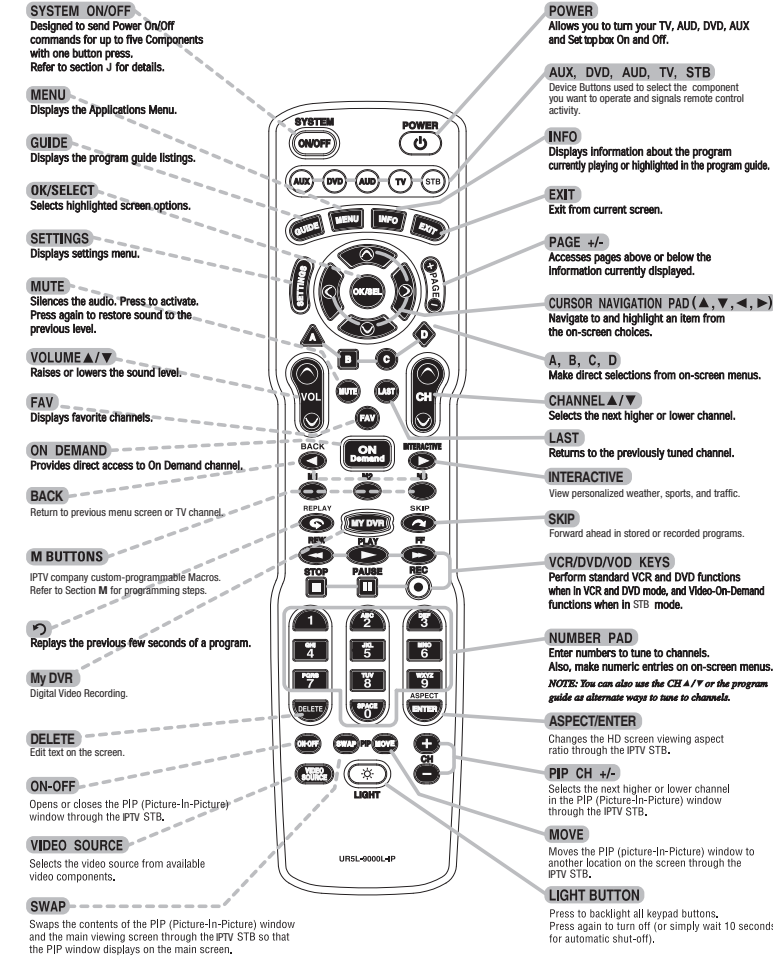
### DEFAULT STATE

**Device Default:** Set-Top Box (STB)  
**Channel Default:** STB channel and numbers through the STB. You have the option of controlling your STB channel and numbers through the TV or AUD. Refer to section L for programming steps.

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

**STB:**Set-Top Box; **TV:**TV; **AUD:**AUD. **DVD:**TV; **AUX:**AUX. You have the option of controlling STB Volume and Mute through the TV, DVD or AUD. Refer to section K 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 STB, TV, AUD, DVD or AUX button, depending on what device you are programming the remote to operate.

There are four ways you can program your remote:

- \* Quick Set-Up Method
- \* The Pre-Programmed 3-Digit Code Method
- \* The Auto-Search Method
- \* The Learning 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 manufacture/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.

The Learning Method allows you to transfer functions from other remotes to the **PHAZR-5** one button at a time.

### 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 (STB, TV, AUD, 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

### 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 (Set top 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 (Set top 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. The Learning Method

- STEP1** Press the [DEVICE] button (TV, AUD, DVD, or AUX) to be programmed and the [ASPECT] buttons simultaneously for 3 seconds until the Device LED light turns on.
- STEP2** Point the **PHAZR-5** at the other remote, head-to-head, 1 or 2 inches apart.
- STEP3** Press the button on the **PHAZR-5** that you want to teach a command to. For example, press the [MUTE] button to learn a command to the [MUTE] button.
- STEP4** Press and hold the button on the other remote that corresponds to the command you want to teach until the **PHAZR-5** Device LED light blinks twice.

*\*Note : The LED will blink 5 times if there was an error in the learning process. Repeat STEPS 3 and 4 if this occurs. Continue learning other buttons by repeating STEPS 3 and 4.*

- STEP5** Once you have completed teaching the component, save the learned commands by pressing the [DEVICE] and [ASPECT] buttons simultaneously until the Device LED blinks 3 times. Now test all of the buttons to make sure they operate correctly.

### F. Erasing a Single Learned Command

- STEP1** Press the [DEVICE] and [ASPECT] buttons simultaneously for 3 seconds until the Device LED light turns on.
- STEP2** Press and hold the button you want to erase for 3 seconds. The Device LED will blink twice to confirm the erasure.
- STEP3** To exit, press and hold both the [DEVICE] and [ASPECT] buttons simultaneously until the Device LED blinks 3 times.

### G. Erasing All Learned Commands from One Device

- STEP1** Press the [DEVICE] and [ASPECT] buttons

simultaneously for 3 seconds until the Device LED light turns on.

- STEP2** Press and hold both the [DEVICE] button you want to erase and the [PAUSE] button for 5 seconds. The Device LED will blink twice to confirm the erasure.
- STEP3** To exit, press and hold both the [DEVICE] and [ASPECT] buttons simultaneously

### H. 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.*

### I. 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 3 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.

### J. 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 [STB] button.
- STEP2** Press the [SYSTEM ON/OFF] button and the [OK/SEL] button simultaneously for 3 seconds. The [STB] 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 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 [STB] button will blink twice to confirm the commands have been saved.

### K. Programming Volume Control

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

**STB** : STB      **TV** : TV      **AUD** : AUD  
**DVD** : TV      **AUX** : AUX

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

- STEP1** Press the [OK/SEL] button and [STB] 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 STB device to STB volume repeat steps above replacing [TV] with [STB] in Step 3.*

### L. 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:

**STB** : STB      **TV** : STB      **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 STB channel repeat steps above replacing [TV] with [STB] in Step 3.*

### M. 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 STB 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 [STB] button to select the STB mode.
- STEP2** Press the [MACRO] button and [OK/SEL] button simultaneously for 3 seconds. The [STB] 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 [STB] button will blink once for each channel entered.
- STEP4** Press the [CH ▲] button to store the channels that were selected. The [STB] 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.

### N. 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.

### O. Memory Lock System

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

### P. 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.universalsremote.com](http://www.universalsremote.com)

## 6 Set-up Code Tables

Manufacturer/Brand	Set-Up Code Number
MOTOROLA	002 111 148 206 253
PACE	001 005 002 206 217 313
PIONEER	001 103 034 051 063 076 105
SAMSUNG	001 030
SCIENTIFIC ATLANTA/CISCO	001 003 041 042 045 046 251
ADB	254 255 315 259
Amino	219 260 249 256 257 261 235 321
ARRIS	243 172 216 140 234 242
AT&T	251
Bell Fibe	229
Blue Stream	238
BT Vision	232 960
Cincinnati Bell	220
CISCO	209 313 251 316
COMCAST	195 313
Cox Digital Cable	223
Digital Multimedia Technology	222
Dish Network	161 122
DREAM	159
Duoson	218
ENTONE	210 221 155 258 213
EVOLUTION	189 215
Evolution Digital	238
Foxtel	228
Frontier	239
Horizon	225
Humax	960 231
INFOMIR	207
Innovative Systems	262
KAON	208
Layer3	226
MINERVA	178
MYRIO	254 255
NAGRA	211
NOW TV	314
Optimum	245 236 237
Pico Digital	224
RCN	238
Sky	240 241
Spectrum	231
TECHNICOLOR	365
Time Warner	001
Virgin Media	959
WEGENER	250
WINDSTREAM	212
ZeeVee	227

### 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

### TV

Manufacturer/Brand	Set-Up Code Number
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
COLORTYME	116
CONCERTO	363
CONCIERGE	073
CONTEC	043 050 051
Contino-us	161 746 747
CORNEA	116
CORONADO	143
CRAIG	043 054
CROSLEY	164
CROWN	043 143



TV	Manufacturer/Brand	Set-Up Code Number
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	
Everbue	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	419 442 619 630 631 363 752 749	
HITACHI	011 166 009 143 072 363 250 587 613	

TV	Manufacturer/Brand	Set-Up Code Number
	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	
KLOSS	002	
KMC	143	
KNOLL SYSTEMS	230 659	
KONKA	457	
KREISEN	530	
KTV	043 116 143 154	
KURAZAI	072	
LG	363 113 116 102 112 143 569 284 648 741 598	
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	
MGA	116 363 024 028	
MIDLAND	333 073	
MINUTZ	008	
MISAKAI	052	
MITSUBISHI	109 024 028 363 348 450 658	

TV	Manufacturer/Brand	Set-Up Code Number
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	
RADIO SHACK	019 363 143 043	
RCA	333 065 116 363 024 056 161 588 713 751	
REALISTIC	007 019 043	
REVOLUTION HD	466	

TV	Manufacturer/Brand	Set-Up Code Number
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	
SVA	328	
SYLVANIA	116 003 052 164 333 514 593	
SYMPHONIC	052	
SYNTAX OLEVIA	432 363 333	
TANDY	251	
TATUNG	056	
TCL	705 749	
TECHNICS	034 080	

TV-Projectors	Manufacturer/Brand	Set-Up Code Number
AVIELO	627 628	
AWOL Vision	905	
BENO	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	
MARANTZ	281	
MITSUBISHI	348 658	
NEC	236 281	
OPTOMA	249	
PANASONIC	359 607	

TV-Projectors	Manufacturer/Brand	Set-Up Code Number
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
ARCAM	100	
Autonomics	795	
Bell'O Digital	534	
Bose	799 548 630	
BOWER & WILKINS	467	
Cambridge Audio	815	
DEFINITIVE TECHNOLOGY	582 703 537	
DENON	728 774 927	
Dynex	802	
ENERGY	602	
Episode	629	
Harman Kardon	531	
iLive	730 803 538	
Insignia	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	
SENTRY	729	
Sharp	801 546	
Sony	529 697	
SPEAKERCRAFT	562	
TOSHIBA	608	
VIZIO	665	
YAMAHA	568 644 725	
ZVOX	796 535 477	

TV-Projectors	Manufacturer/Brand	Set-Up Code Number
RUNCO	342	
SANYO	511 266 657	
SELECO	205	
SHARP	308	
SIM2	205	
SONY	646 702	
TOSHIBA	230	
VIDIKRON	342 174 188 192	
YAMAHA	370	

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
FUSGATE 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	238 286 311 819
MERIDIAN	100 012 013 628
MITSUBISHI	242 204
MONDIAL	157 158 042 043 081 112
MYRYAD	077
NAD	186 113
NAKAMICHI	040 244 245 172 183 287
NEC	176
Niles	281
ONKYO	403
OPTIMUS	046 275 017 108 080 209 381
OPTIMUS	026 041
OUTLAW	342
PANASONIC	032 195 219 177 292 626

TV-Projectors	Manufacturer/Brand	Set-Up Code Number
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	
Manufacturer/Brand	Set-Up Code Number
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
DEFINITE TECHNOLOGY	582 703 537
DENON	728 774 927
Dynex	802
ENERGY	602
Episode	629
Harman Kardon	531
iLive	730 803 538
Insignia	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
SENTRY	729
Sharp	801 546
Sony	529 697
SPEAKERCRAFT	562
TOSHIBA	608
VIZIO	665
YAMAHA	568 644 725
ZVOX	796 535 477