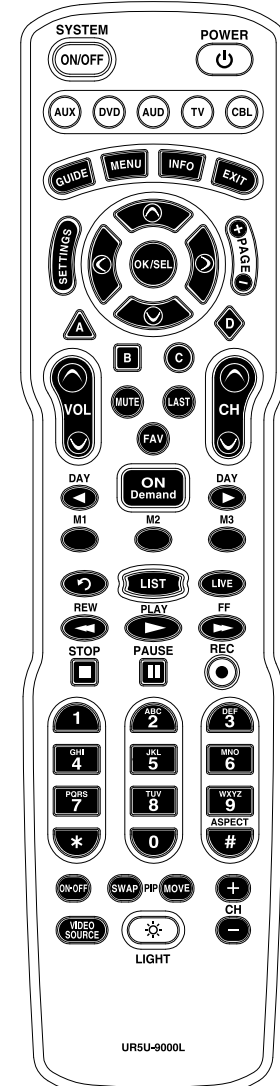


Operating Instructions For PHAZR-5 Cable Remote Control

UR5U-9000L & UR5U-9020L



Universal Remote Control, Inc.
www.universalremote.com
OCE-0081A REV 31 (10/22/18)

1 Introduction

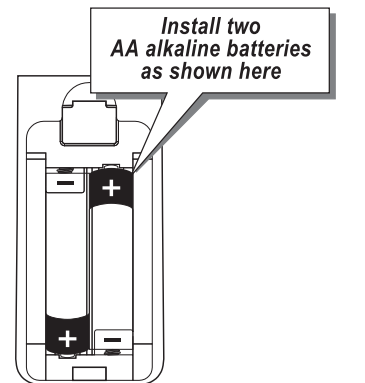
The PHAZR-5 UR5U-9000L & UR5U-9020L is designed to operate the CISCO / SA, Pioneer, Pace Micro, Samsung and Motorola digital set tops, Plus the majority of TV, AUD, DVD and AUX equipment on the market as shown below.

CBL : Cable Set-top Box **TV :** Televisions
AUD : Audio Receivers **DVD :** DVD Players
AUX : Media PC, Gaming System, etc.

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; **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

SYSTEM ON/OFF: Designed to send Power On/Off commands for up to five Components with one button press. Refer to section G for details.

POWER: Allows you to turn your TV, AUD, DVD, AUX and Cable Box On and Off.

AUX, DVD, AUD, TV, CBL: Device Buttons used to select the component you want to operate and signals remote control activity.

MENU: Displays the Applications Menu.

GUIDE: Displays the program guide listings.

OK/SELECT: Selects highlighted screen options.

SETTINGS: Displays settings menu.

MUTE: Silences the audio. Press to activate. Press again to restore sound to the previous level.

VOLUME +/-: Raises or lowers the sound level.

FAV: Displays favorite channels.

ON DEMAND: Provides direct access to On Demand channel.

DAY +/-: Skip forward or backward a whole day in the program guide.

M BUTTONS: Cable company custom-programmable Macros. Refer to Section J for programming steps.

LIST: Displays a list of programs you have recorded, allowing you to select one for viewing.

ON-OFF: Opens or closes the PIP (Picture-in-Picture) window through the Cable STB.

VIDEO SOURCE: Selects the video source from available video components.

SWAP: Swaps the contents of the PIP (Picture-in-Picture) window and the main viewing screen through the Cable STB so that the PIP window displays on the main screen.

INFO: Displays information about the program currently playing or highlighted in the program guide.

EXIT: Exit from current screen.

PAGE +/-: Accesses pages above or below the information currently displayed.

CURSOR NAVIGATION PAD (▲, ▼, ◀, ▶): Navigate to and highlight an item from the on-screen choices.

A, B, C, D: Make direct selections from on-screen menus.

CHANNEL +/-: Selects the next higher or lower channel.

LAST: Returns to the previously tuned channel.

LIVE: Displays live television programming.

VCR/DVD/VOD KEYS: Perform standard VCR and DVD functions when in VCR and DVD mode, and Video-On-Demand functions when in CABLE mode.

NUMBER PAD: Enter numbers to tune to channels. Also, make numeric entries on on-screen menus. **NOTE: You can also use the CH +/- or the program guide as alternate ways to tune to channels.**

ASPECT/#: Changes the HD screen viewing aspect ratio through the Cable STB.

PIP CH +/-: Selects the next higher or lower channel in the PIP (Picture-in-Picture) window through the Cable STB.

MOVE: Moves the PIP (Picture-in-Picture) window to another location on the screen through the Cable STB.

LIGHT BUTTON: Press to backlight all keypad buttons. Press again to turn off (or simply wait 10 seconds for automatic shut-off).

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.

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

*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 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

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.

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-CABLE Converters

Manufacturer/Brand	Set-Up Code Number
CISCO/SA	001 003 041 042 045 046
PIONEER	001 103 034 051 063 076 105
PACE	001 002 005 206 217
SAMSUNG	001 030
MOTOROLA	002 111 148 206
KARRIS	172 216
CE-LABS	164
COMCAST	195
Cox Digital Cable	223
DIGEO	153
Digital Multimedia Technology	222
Entone	221
EVOLUTION	189 215
EVOLUTION FTA	158
Foxtel	228
GENERAL INSTRUMENT	005 103 104
HAMLIN	049 050 055
HITACHI	103 055
Horizon	225
JERROLD	005 004 103 005 003 008 009 010 069
Layer3	226
MAGNAVOX	010 012
MEMOREX	052
MOXI	111 252 153
NFUSION	192
PANASONIC	044 047
PHILIPS	006 012 013 020 085
Pico Digital	224
PULSAR	052
RCA	047
REGAL	049 050
REGENCY	057
SKY	230 204 240 241
SONY	108
SPRUCER	047
TECHNICOLOR	365
TELNET	354
TOCOM	039 040 056
TOSHIBA	052
VIEWSTAR	012 015
WINDSTREAM	212
ZeeVee	227
ZENITH	052 060 093 100

CBL-IPTV

Manufacturer/Brand	Set-Up Code Number
ADB	254
AMINO	260
CISCO	313
ENTONE	213
Innovative Systems	262
MOTOROLA	253

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

TV

Manufacturer/Brand	Set-Up Code Number
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
ASTAR	172 216
AUDIOVOX	076 454 388
ADVENTURA	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
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

TV

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
JANEL	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
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

TV

Manufacturer/Brand	Set-Up Code Number
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	391
NEXUS	620 454
NIKEI	043
NIKKO	116
NIKO	527
NORCENT	390
NUVISION	351 567
OLEVIA	432 363 333
ONKING	043
ONWA	043
OPTOMA	265 249
OPTONICA	019 251
PANASONIC	080 034 056 164 208 359 552 524 607 664
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
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
SEARS	030 363 007 028 057 143 333 166 138
SEIKI	690
SELECO	205 011
SEURA	704
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

TV

Manufacturer/Brand	Set-Up Code Number
Skyvue	648
SHERWOOD	001 608 646 651 702
SOUNDDESIGN	028 363 003 043
SOVA	041
SOYO	528
SPECTRCON	112
SPECTRONIQ	499 500
SQUAREVIEW	052
SSS	363 043
STARLITE	242
SUNBRITE	633 634 635 386 605 772
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
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-LCD & Plasma TVs

Manufacturer/Brand	Set-Up Code Number
ACCURIAN	036
AD NOTAM	672
ADVENT	247 388
AKAI	404 475 323 387 391 615
AOC	116 363 616
APEX	572
APEX DIGITAL	006
AQUAVISION	573 574 686
ASTAR	477

TV-LCD & Plasma TVs

Manufacturer/Brand	Set-Up Code Number
AUDIOVOX	454 388 076
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	350 400 052 164 403 454 457 604 617
JVC	038 210 581 639 668
KLEGG	466
KONKA	457
KREISEN	530
LG	363 569 113 116 284 648
LITEON	268
LOEWE	164
MAGNAVOX	164 363 226 390 467 431
MARANTZ	116 164 281
MITSUBISHI	109
MAXENT	242
MITSUBISHI	363
NEC	272 262 575
NEXUS	620 454
NIKO	527
NORCENT	390
NUVISION	351 567
OLEVIA	432 363 333
PANASONIC	080 164 208 552 524 664
PHILIPS	164 363 431 161 594 629
PIONEER	234 393 272 520 582 660
POLAROID	388 323 328 353 356 494 387 391 505 506
PRINCETON	004
PROTON	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
SEIKI	690

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	363 569 113 116 284 648
LOEWE	164
MAGNAVOX	164 363 226 390 467 431
MARANTZ	116 164 281
MITSUBISHI	109
MAXENT	242
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
ANVIELO	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
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
ARAGON	687
ARCAM	141 077
ATLANTIC TECHNOLOGY	342
AUDIO FILE	071
B & K	096 097
BOSE	070 224
BOSTON ACOUSTICS	447
CAMBRIDGE AUDIO	684
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
DIGITAL PROJECTION	660
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
MCINTOSH	492 712 719
JATON	238 286 311
MERIDIAN	100 012 013 628
MITSUBISHI	242 204
MONDIAL	157 158 042 043 081 112

AUDIO

Manufacturer/Brand	Set-Up Code Number
MYRYAD	077
NAD	186 113
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
ROKU	739
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
SONY	001 018 247 248 166 101 184 218 271 560 612
SOUNDDESIGN	036
BL	