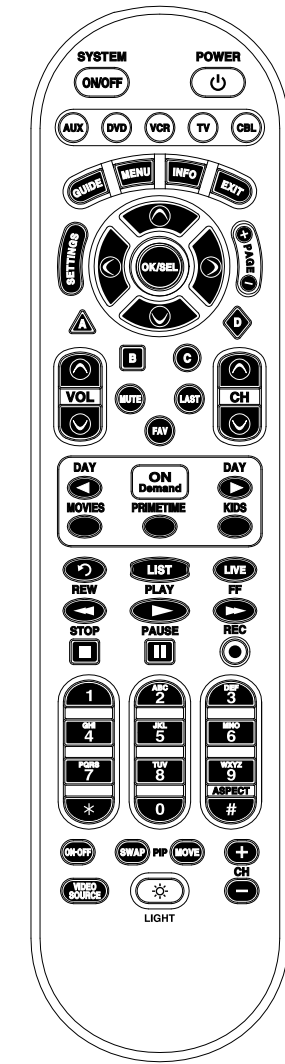


Operating Instructions For

CLIKR™-5

Cable Remote Control

UR5U-8780L & UR5U-8790L



Universal Remote Control, Inc.

www.universallremote.com
OCE-0060L REV 22 (10/22/18)

1 Introduction

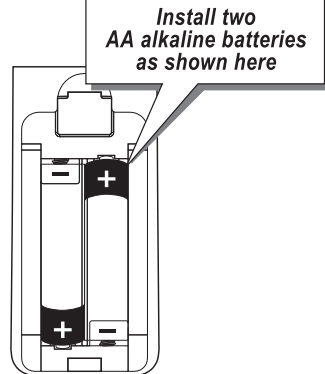
The CLIKR™-5 UR5U-8780L & UR5U-8790L is designed to operate the CISCO®/SA, Pioneer, Pace Micro, Samsung and Motorola digital set tops, Plus the majority of TV, VCR, DVD and AUX equipment on the market as shown below.

CBL : Cable Set-top Box **TV** : Televisions
VCR : VCRs and TV/VCRs **DVD** : DVD Players
AUX : Audio Equipment, Media PC, 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:

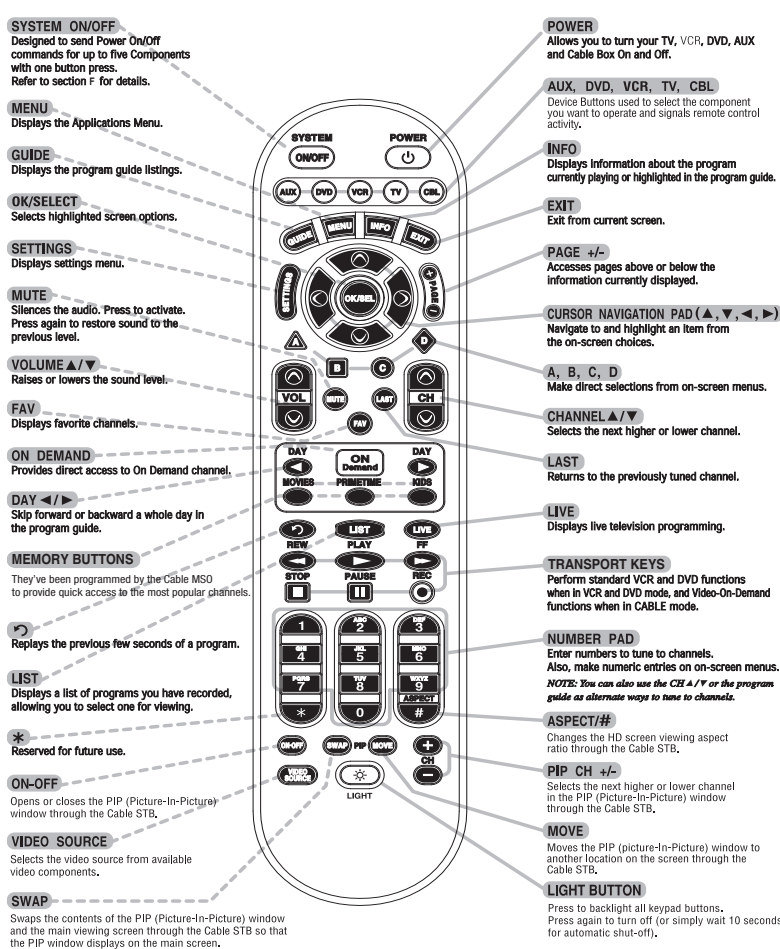
Device Default: Cable Set-Top Box (STB)

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 VCR. Refer to section H for programming steps.

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

CBL:TV ; TV:TV ; VCR:TV. DVD:TV ; AUX:AUX. You have the option of controlling CABLE Volume and Mute through the TV, VCR or AUX. Refer to section G 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, VCR, 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 Setup Method
- * 3-Digit Code Method
- * Auto Search Method

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

3-Digit Code Method allows you to setup 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.

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 Setup Method

It's easy to program the remote control to operate your TV. Simply press the number buttons 0 through 9 that your TV brand is assigned to using the following four steps.

- STEP1** Manually turn on the TV you wish to program.
- STEP2** Press and hold simultaneously for 3 seconds both the TV and A (Yellow) buttons or B (Blue) buttons, based on the column your TV brand is assigned to. The TV button LED light will turn on for 30 seconds confirming that you are in the program mode.
- STEP3** While the TV button LED is on, point the remote control at the TV and press the number button assigned to your TV brand as shown in the table (e.g. for Sharp TV, button 5). The TV should turn off. If it does not, press the same number button repeatedly until the TV turns off.

**Note: The remote will exit the programming mode automatically if it does not have matching codes and the LED will turn off.*

- STEP4** Once the TV has turned off, press the TV button once again to save the code. The remote control is now ready to control your TV.

Repeat the above steps for all other components (TV, VCR, DVD, etc.).

**Note : If the matching code could not be found in STEP3, use 3-Digit Code Method or Auto Search Method.*

Quick Set-up Code Tables

Button Press	Button Number	Brand
TV&A Button	0	RCA
	1	SAMSUNG
	2	SONY
	3	LG
	4	VIZIO
	5	SHARP
	6	PANASONIC
	7	SANYO
	8	TOSHIBA
	9	PHILIPS
TV&B Button	0	COBY
	1	MITSUBISHI
	2	HITACHI
	3	MAGNAVOX
	4	JVC
	5	ZENITH
	6	INSIGNIA
	7	EMERSON
	8	WESTINGHOUSE
	9	TCL

VCR

Button Press	Button Number	Brand
VCR&A Button	0	MITSUBISHI
	1	HP
	2	PHILIPS
	3	JVC
	4	SAMSUNG
	5	PANASONIC
	6	PHILIPS MAGNAVOX
	7	TOSHIBA
	8	PIONEER
	9	LG

DVD

Button Press	Button Number	Brand
DVD&A Button	0	HITACHI
	1	SONY
	2	PHILIPS
	3	SAMSUNG
	4	PHILIPS MAGNAVOX
	5	PANASONIC
	6	LG
	7	JVC
	8	DENON
	9	PIONEER

AUX

Button Press	Button Number	Brand
AUX&A Button	0	BOSE
	1	HP
	2	ONKYO
	3	APPLE / iPod
	4	MICROSOFT / XBOX
	5	SONY / PS2
	6	LUTRON
	7	X-10
	8	YAMAHA
	9	ROKU

B. 3-Digit Code Method

- STEP1** Turn on the equipment that you want the remote control to operate (Cable Box, TV, VCR, 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.

C. 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, VCR, 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.*

**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.

D. 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.*

E. 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 B to program an AUX device. You can also program the AUX button for a second TV, VCR or DVD player. To do this follow the instructions below.

- STEP1** Turn on the 5th device you want to program (TV, VCR, 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.

F. 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.

G. Programming Volume Control

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

CBL : TV **TV** : TV **VCR** : TV
DVD : TV **AUX** : AUX

If you wish to store the CBL 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 [CBL] button. The device LED will blink twice to confirm the programming.

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

H. 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 **VCR** : CBL
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.*

I. 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.

J 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.

K. Memory Lock System

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

L. Record Your Component Set-up Codes

TV Set-up Code Number:

VCR Set-up Code Number:

DVD Set-up Code Number:

AUX Set-up Code Number:

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

6 Set-up Code Tables

CBL-CABLE Converters

Manufacturer/Brand	Set-Up Code Number
MOTOROLA	002 148 206
PACE	001 005 002 206 217
PIONEER	001 103 034 051 063 076 105
SAMSUNG	001 030
SCIENTIFIC ATLANTA/CISCO	001 003 041 042 045 046
Amino	219
ARRIS	172 216
Cincinnati Bell	220
Cox Digital Cable	223
Digital Multimedia Technology	222
Duoson	218
Entone	221
EVOLUTION	189 215
Footel	228
Horizon	225
Loyer3	226
Pico Digital	224
Sky	240 241
TECHNICOLOR	365
WINDSTREAM	212
ZeeVee	227

CBL-IPTV

Manufacturer/Brand	Set-Up Code Number
ADB	254
AMINO	260
ENTONE	213
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	116 248 404 405 473 475 323 387 391 615
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
ASTAR	477
AUDIOVOX	076 454 388
AUVIO	689
AVENTURA	052
Avero	761
AVIELO	627 628
AVION	441
AXESS	711
AXION	039
BELCOR	116
BELL&HOWELL	333 072
BENO	423 600
BOXLIGHT	266
BROADFORD	043
BROCKWOOD	116
BROKSONIC	228
BYDESIGN	031 032
CANDLE	116 002 003 363
CART AUDIO DESIGN	266
CELEBRITY	001

TV

Manufacturer/Brand	Set-Up Code Number
CENTURION	116
CETRONIC	043
CHANGHONG	247
CIELO	714
Cii	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
CONCERGE	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	015
CYBERHOME	015
DAEWOO	363 043 076 143
DAYTRON	363 143
DELL	320 164 363 618
DIGITAL PROJECTION	570
DIMENSIA	333
DREAMVISION	735
DUKANE	011
DUMONT	116 073
DURABRAND	096 052
DWIN	257
DYNASTY	043
DYNEX	400
EIKI	167
ELECTROBAND	001
ELECTROGRAPH	466
ELECTROHOME	143 024 076
ELEKTRA	072
ELEMENT	363 944 526 622 690
EMERSON	028 048 043 116 363 050 051 076 096 143 154 052 514
ENVISION	116
EPSON	324 590
ESA	323
Evervue	735
FISHER	007 057
FREEMOTION	688
FUJITSU	246 198 410
FUNAI	028 043 052
FUSION	642
FUTURETECH	043
GATEWAY	242 268
GE	073 116 008 009 034 056 333 363
GEN	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	378 316 327 421
HUMAX	518
HYPERION	609
HYUNDAI	337 338
ILO	472 399
INFINITY	164
INFOCUS	333 230 547 548 470 532 564 595 733

Manufacturer/Brand	Set-Up Code Number
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	038 034 001 199 210 533 581 639 406 668 701
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
LOEWIE	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	116 164 281 562 584
MATSUI	164
MATSUSHITA	080
MAXENT	242
MEGATRON	116 011
MEMOREX	007 072 363
MGA	116 363 024 028
MIDLAND	333 073
MINTEK	362
MINUTZ	008
MISAKAI	052
MITSUBISHI	124 109 024 028 363 348 450 658
MONIVISION	017
MONTGOMERY WARD	333 072
MOTOROLA	081
MTI	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
ONWA	043
OPTOMA	265 249
OPTONICA	019 251
ORION	096
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	363 722
PROTON	363 112 143 528
PROTRON	392 398 498 499 500
PROVIEW	494
PROX	572
PULSAR	116 073
PYLE HOME	661 662
QUASAR	024 056 606
RADIO SHACK	019 363 143 043

Manufacturer/Brand	Set-Up Code Number
RCA	333 065 116 363 024 056 161 588 713 751
REALISTIC	007 019 043
REVOLUTION HD	466
RUNCO	404 405 473 475 323 387 391 615
SAMPO	116 363 242
SAMSUNG	258 050 363 143 333 228 229 515 655
SANSUX	116
SANSEI	076
SANSUI	096 400 615 454 762
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	251 019 028 363 143 175 308 684 692 735 765 766
SHENG CHIA	081
SHERWOOD	349
SHOGUN	116
SIGNATURE	072
Silo	003
SIMPSON	001
Skyvue	648
SONY	001 608 646 651 702
SOUNDESIGN	028 363 003 043
SOVA	041
SOYO	528
SPECTRICON	112
SPECTRONIC	499 500
SQUAREVIEW	052
SSS	363 043
STARLITE	043
SUNBRITE	633 634 635 386 605 772
SUPERSCAN	052 081
SUPRA	116
SUPRE MACY	002
SUPREME	001
SVA	528
SYLVANIA	116 003 052 164 333 514 593
SYMPHONIC	052
SYNTAX OLEVIA	432 363 333
TANDY	251
TATUNG	056
TECL	705 749
TECHNICS	034 080
TECHNOL ACE	028
TECHVIEW	045 557
TECHWOOD	363
TEKNIKA	002 003 363 024 028 043 072 258 143
TELEFUNKEN	037 046 615
TELERENT	072
THOMSON	049 055
TIENVISION	663
TMK	363
TNCO	073
TOSHIBA	138 030 007 258 325 230 703
TOTEVISION	143
TRUTECH	529
TVS	096
UNIVERSAL	008 009
UPSTAR	708
VENTURER	721
VICTOR	038
VIDIKRON	174 164 188 192 342
VIDTECH	324 116 393 272 520 582 660
VIKING	202
VIEWSONIC	242 389 720
VIZIO	388 323 328 353 354 355 356 494 387 391 505 506 508 526
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
WINBOOK	339
YAMAHA	116 363 370
YORK	363
YUPITERU	043
ZENITH	363 073 072
ZONDA	112

Manufacturer/Brand	Set-Up Code Number
ACCURIAN	036
AD NOTAM	672
ADVENT	247 388
AKAI	404 405 473 475 323 387 391 615
AOC	116 363 616
APEX	572
APEX DIGITAL	006
AQUAVISION	573 574 686
ASTAR	477
AUDIOVOX	454 388 076
AUVIO	689
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
CYBERNEX	363 494 526 622
ELEMENT	514 363 076 052
EMERSON	001 608 646 651 702
ESA	323
FREEMOTION	688
FUJITSU	246 198
FUNAI	052
FUSION	642
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	378 316 327 421
HUMAX	518
HYPERION	609
HYUNDAI	337 338
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
LOEWIE	164
MAGNAVOX	164 363 226 390 467 431
MARANTZ	116 164 281
MAJENT	242
MINTEK	362
MITSUBISHI	124 363
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
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	096 400 615
SANYO	166 007
SCEPTRE	276 699
SEIKI	690

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	633 634 635 386 605
SVA	528
SYLVANIA	052 164 333 514
SYMPHONIC	052
SYNTAX OLEVIA	432 363 333
TATUNG	056
TECHVIEW	045 557
TELEFUNKEN	615
TILEVISION	663
TOSHIBA	138 258 325
TRUTECH	529
VIEWSONIC	242 389
VIORE	472 592
VISCO	526
VITO	363
VIZIO	386 387 624 625 675
WESTINGHOUSE	076 276 435 001 690 695
WINBOOK	339
YAMAHA	116 363
ZENITH	363 073 072

TV-Projection TVs

Manufacturer/Brand	Set-Up Code Number
AKAI	404 405 473 475
DAEWOO	076
EPSON	324
HITACHI	011
HP	378
INFOCUS	333 548
JVC	038
LG	363
LOEWIE	164
MAGNAVOX	164 333
MITSUBISHI	109
INITIAL	282
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
AMFIELD	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	199 533 406 701
JCPENNEY	101
KNOLL SYSTEMS	230 659
MARANTZ	528
MITSUBISHI	281 562 584
NEC	348 658
OPTOMA	236 281
PANASONIC	249
RUNCO	359 607
SANYO	511 266 657
SELECO	205
SHARP	308
SIMZ	205
SONY	646 702
TOSHIBA	230
VIDIKRON	342 174 188 192
YAMAHA	370

Manufacturer/Brand	Set-Up Code Number
ADMIRAL	149
ADVENTURA	034
AIKO	117
AIWA	034
AKAI	016 146 043 124
AMERICA ACTION	117
AMERICAN HIGH	145
AMPRO	072
ANAM	145
ASHA	102
AUDIO DYNAMICS	012 023 039 043
AUDIOVOX	101
BEAUMARK	102
BROKSONIC	129
CALIX	101
CANON	145
CAPEHART	108
CCCE	024 117
CITIZEN	101 117
COLT	024
CRAIG	003 022 102
CURTIS MATHES	145
CYBERNEX	102
DAEWOO	116 117 010 108 120
DAYTRON	108
DBX	012 023 039 043
DYNATECH	034 149
ELECTROHOME	059
ELECTROPHONIC	101
EMERSON	006 034 101 129 131 153 116 145 120
FISHER	003 010 008 009
FUJII	145
FUNAI	034
GARRARD	034
GE	072 147 063 144 145
GO VIDEO	102
GOLDSTAR	101 020 012 123
GRADIENTE	034
HARLEY DAVIDSON	034
HARMAN KARDON	012
HARWOOD	024
HITACHI	034 043 063 137 020
HUGHES	817
HUMAX	817
JO	034
JCL	145
JCPENNEY	012 015 101 020 102
JENSEN	251
JVC	048 034 055 012 050 145
KEC	101
KENWOOD	048 034
KLH	024
KODAK	101 145
LG	101 020 012 123
LLOYD	034
LOGIK	024
LXI	034 003 009 120 101
MAGIN	102
MAGNAVOX	067 034 068 145
MARANTZ	067 069 012 145
MARTA	101
MATSUI	030
MATSUSHITA	145
MEI	145
MEMOREX	101 003 010 034 072 102 134 145 149
MGA	059
MGN TECHNOLOGY	102
MINOLTA	020
MITSUBISHI	059 020 168
MOTOROLA	145 149
MYC	034 102
MULTITECH	024 034
NEC	012 023 039 043 048
NIKKO	101
NOBLEX	102
NORDMENDE	043
OLYMPUS	145
OPTIMUS	101
OPTONICA	149
PANASONIC	070 145 083 133 157 074 167

VCR

Manufacturer/Brand	Set-Up Code Number
PENTAX	020 063 145
PHILCO	034 067 145
PHILIPS	067 034 101 145 817
PILOT	101
PIONEER	020 048
PORTLAND	108
PROFITRONIC	102
PROTEC	024
PULSAR	072
QUASAR	145 075
RADIO SHACK	123
RADIX	101
RANDEX	101
RCA	144 147 158 145 020 034 102
REALISTIC	003 008 010 034 101 102 145 149
RICO	058
RUNCO	148
SAMSUNG	102 104 120 144 147
SANKY	149
SANSUI	022 043 048
SANYO	003 010 134 102
SCOTT	120 129 131
SEARS	003 008 010 020 101 009 073 120
SHARP	159 145 149
SHINTOM	024
SHOGUN	102
SIGNATURE	034
SINGER	024
SONY	001 057 058 003 154 145 149
SOUNDESIGN	034
STS	020
SYLVANIA	034 059 067 145
SYMPHONIC	034
TANDY	010 034
TATUNG	039 043
TEAC	034 039 043
TECHNICS	070 145
TEKNIKA	019 034 101 145
THOMAS	034
TWO	817
TMK	006
TOSHIBA	131 008 059 020 120 817
TOTEVISION	101 102
UNITECH	102
VECTOR RESEARCH	012
VICTOR	048
VIDEO CONCEPTS	012 034
VIDEOSONIC	102
WARDS	003 020 024 034 131 102 145 120 149
WESTINGHOUSE	024
XR-1000	024 034 145
YAMAHA	012 034 039 043
ZENITH	072 048 101 034 058 001