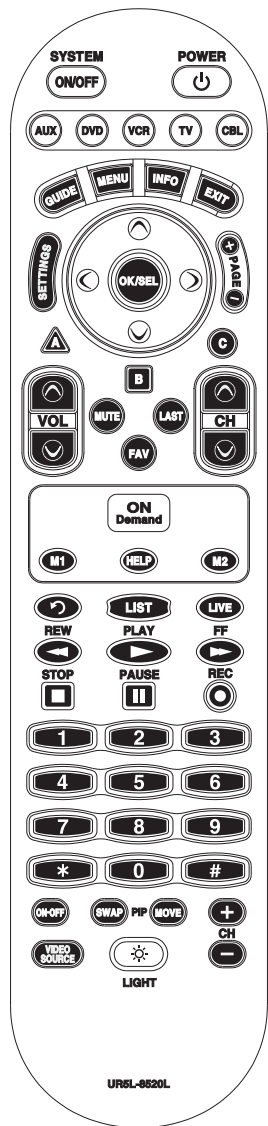


Operating Instructions For

CLIKR™-5 Cable Remote Control

UR5L-8520L



1 Introduction

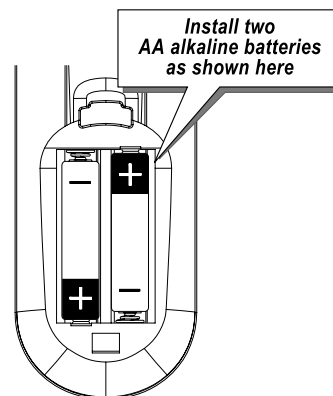
The **CLIKR™-5 UR5L-8520L** is designed to operate all Scientific-Atlanta, Pioneer, Voyager and Pace Micro digital set top boxes (including DVR & HD), plus the majority of TV, VCR, DVD and AUDIO equipment on the market as shown below.

CABLE : Cable Converters **TV** : Televisions
VCR : VCRs and TV/VCRs **DVD**: DVD Players
AUX : Audio Receivers and DVRs, 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.



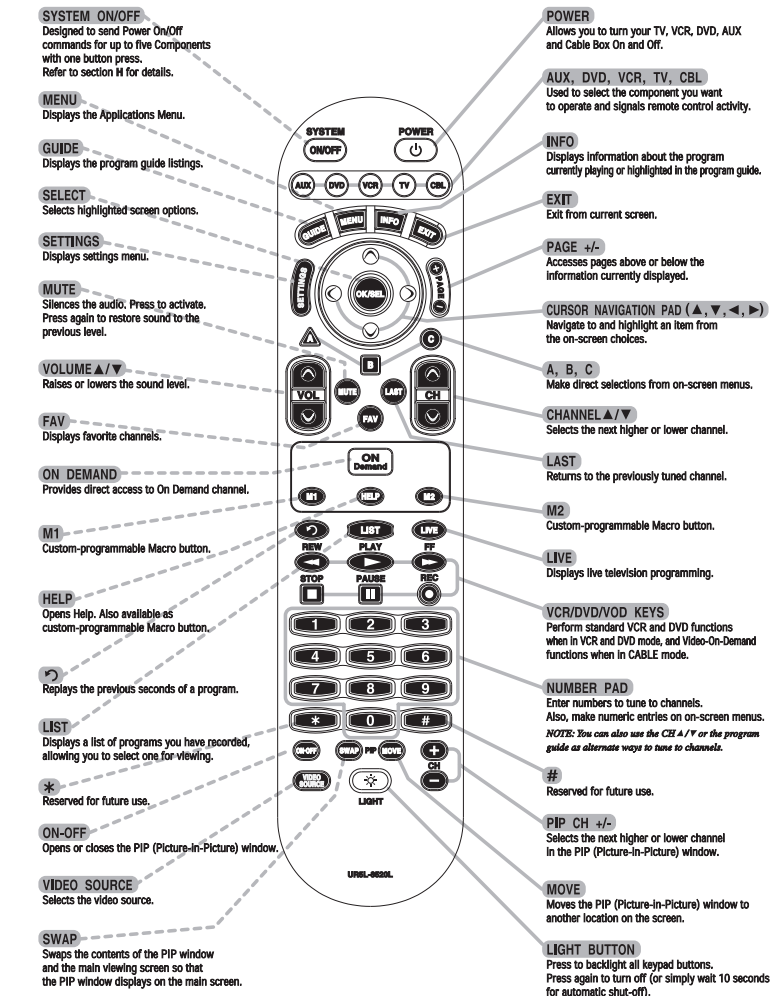
3 Operations

DEFAULT STATES:

Component Default: CABLE
Channel Default: CABLE channel and number keys through the CABLE. You have the option of controlling your CABLE channel and number keys through the TV or VCR. Refer to section I for programming steps.

Volume Default: CABLE volume and mute keys through the TV. You have the option of controlling your TV volume and mute through the Cable box, VCR or DVD. Refer to section J for programming steps.

4 Button Functions



5 Programming the Remote Control

There are three ways you can program your **CLIKR™-5** remote:

- * The Pre-Programmed 3-Digit Code Method
- * The Auto-Search Method
- * The Learning Method

The Pre-Programmed Code Method allows you to setup all the buttons at once by entering 3-digit code numbers that correspond to a particular Component's manufacturer/brand, so it's the fastest and easiest of the three methods. (Code Tables are on the backside of this Instruction Sheet.) The Auto-Search Method scans through all the codes in the remote control, one at a time. The Learning Method allows you to transfer functions from other remotes, one button at a time.

IMPORTANT SETUP NOTE!

This pertains to all programming steps. When you are in setup mode, a component 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. Pre-Programmed 3-Digit Code Method

- STEP1** Turn on the Component you want to program (TV, VCR, DVD or AUX) using your old remote.
- STEP2** Press the [COMPONENT] button (TV, VCR, DVD or AUX) to be programmed and [OK/SEL] button simultaneously for 3 seconds. The Component LED light will turn on for 30 seconds indicating the unit is ready to be programmed.

- STEP3** Point the remote control toward the Component and enter the 3-digit code number assigned to your brand.

**Note : If the 3-digit code number you just entered is correct, the Component will turn Off. If it did not turn Off, continue entering code numbers listed for that brand until the Component turns Off.*

- STEP4** After you've entered the correct code number and the Component has turned Off, press the [POWER] button to turn the Component back On. Now it's time to test the VOLUME and CHANNEL buttons for the TV (or PLAY and STOP buttons for VCR and DVD) to make sure they all work. If any of the functions do not work as they should, repeat from STEP 3 using the next 3-digit code number listed for that brand.

- STEP5** Once you have found the correct 3-digit code, save it by pressing the same [COMPONENT] button one more time. The Component LED light will blink twice to confirm that the code was successfully stored.

Now, program the rest of your Components by repeating STEPS 1-5

**Note : If the Pre-Programmed Method did not work, or if the Code Tables do not list your Component brand, use the Auto-Search Method as explained in Section B.*

B. Auto-Search Method

- STEP1** Turn on the Component you want to program (TV, VCR, DVD or AUX) using your old remote.
- STEP2** Press the [COMPONENT] button (TV, VCR, DVD or AUX) to be programmed and [OK/SEL] button simultaneously for 3 seconds. The Component LED light will turn on for 30 seconds indicating the unit is ready to be programmed.
- STEP3** Point the remote toward the Component and press the [CH ▲] or [CH ▼] button one step at a time or keep it pressed. The remote will emit a series of ON/OFF commands. Release the [CH ▲] or [CH ▼] button as soon as the Component turns Off.
- STEP4** Test functions. (Same as for 3-Digit Code Programming Method - Section A). If any of the functions do not work as they should, repeat from STEP 3 using [CH ▲] or [CH ▼] buttons to find the correct code.
- STEP5** Save the code. (Same as for 3-Digit Code Programming Method - Section A).

- STEP3** Point the remote toward the Component and press the [CH ▲] or [CH ▼] button one step at a time or keep it pressed. The remote will emit a series of ON/OFF commands. Release the [CH ▲] or [CH ▼] button as soon as the Component turns Off.

- STEP4** Test functions. (Same as for 3-Digit Code Programming Method - Section A). If any of the functions do not work as they should, repeat from STEP 3 using [CH ▲] or [CH ▼] buttons to find the correct code.

- STEP5** Save the code. (Same as for 3-Digit Code Programming Method - Section A).

Now, repeat the Auto-Search Method for those Components you could not program earlier with the Pre-Programmed Method. If you can't find the right code using the Auto-Search Method, try the Learning Method in Section C.

C. The Learning Method

- STEP1** Press the [COMPONENT] button (TV, VCR, DVD or AUX) to be programmed and the [#] buttons simultaneously for 3 seconds until the Component LED light turns on.

- STEP2** Line up the **CLIKR™-5** to the other remote, head-to-head, 1 or 2 inches apart.
- STEP3** Press any button on the **CLIKR™-5** that you want to teach a command to. For example, if you want to teach the [MUTE] button, press the [MUTE] button.

- STEP4** Press and hold the [MUTE] button on the other remote until the **CLIKR™-5** Component LED light blinks twice.

**Note : The LED will blink 5 times if there was an error in the learning process. In so, repeat STEPS 3 and 4. Continue learning other buttons by repeating STEPS 3 and 4.*

- STEP5** Once you have completed teaching **CLIKR™-5** all desired commands for that Component, save the learned commands by pressing the [COMPONENT] and [#] buttons simultaneously until the Component LED blinks 3 times. Now test all the buttons to make sure they learned correctly.

D. Erasing a Single Learned Command

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

E. Erasing All Learned Commands from One Component

- STEP1** Press the [COMPONENT] and [#] buttons simultaneously for 3 seconds until the Component LED light turns on.
- STEP2** Press and hold both the [COMPONENT] button you want to erase and the [PAUSE] button for 5 seconds. The Component LED will blink twice to confirm the erasure.
- STEP3** To exit, press and hold both the [COMPONENT] and [#] buttons simultaneously until the Component LED blinks 3 times.

F. Finding a Component Button's Setup Code Number

If you used either the Auto-Search or Learning Methods to program a Component, you may not know what the correct code number is. Here is a way for you to identify the code number, so you can record it for future reference.

- STEP1** Press the [COMPONENT] button (TV, VCR, DVD or AUX) you want to verify and the [OK/SEL] button simultaneously for 3 seconds. The Component LED light will turn on for 30 seconds.
- STEP2** Press the [INFO] button and count the number of times the Component LED light blinks. This number indicates the first digit of the code, followed by the second and third, each separated by a one second pause when the LED will turn off.

**Note : 10 blinks represents the number zero.
Example : One blink, (pause), eight blinks, (pause) and three blinks, indicates code number 183.*

G. AUX Function: Programming a 5th Component

You can take advantage of the AUX function to program a 5th Component such as a second TV, VCR, DVD or Audio Component.

- STEP1** Turn on the 5th Component you want to program (TV, VCR, DVD or Audio) using your old remote.
- STEP2** Press the [AUX] button and the [OK/SEL] button simultaneously for 3 seconds. The [AUX] Component LED will turn on for 30 seconds.
- STEP3** Press the [COMPONENT] button you want to setup. Point the remote control toward the Component and enter the 3-digit code number assigned to your brand.

**Note : If the 3-digit code number you just entered is the correct number, the Component will turn Off. If it did not turn Off, continue entering code numbers listed for that brand until the Component turns Off.*

- STEP4** Test functions. (Same as for 3-Digit Code Programming Method - Section A). If any of the functions do not work as they should, you need to find a new code.
- STEP5** Once you have found the correct 3-digit code, save it by pressing the [AUX] button one more time. The Component LED light will blink twice to confirm the code was stored. Now when you press the AUX button, all the buttons will work with that 5th Component.

H. 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 [COMPONENT] 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 [CBL] button will blink twice to confirm the commands have been saved.

I. Programming Channel Control

You can program the channel controls (Channel Up, Channel Down and Last) from one Component to operate in another Component 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 control in TV mode, use the following steps.

- STEP1** Press the [TV] button and the [OK/SEL] button simultaneously for 3 seconds. The [TV] Component LED will turn on for 30 seconds.

- STEP2** Press the [VOL ▼] button.
- STEP3** Press the [TV] button again. The Component LED will blink twice to confirm the programming.

To return to original state:

If you wish to restore the CABLE channel control in TV mode, repeat the above steps but press [CBL] in **STEP3**.

J. Programming Volume Control

You can program the volume controls (Volume Up, Volume Down and Mute) from one Component to operate in another Component mode. Default volume control settings on the remote control are 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 [CBL] button and the [OK/SEL] button simultaneously for 3 seconds. The [CBL] Component LED will turn on for 30 seconds.

- STEP2** Press the [VOL ▲] button.
- STEP3** Press the [CBL] button. The Component LED will blink twice to confirm the programming.

To return to original state:

If you wish to restore the TV volume control in CBL mode, repeat the above steps but press [TV] in **STEP3**.

K. Programming a 'Macro' or Favorite Channel

In CBL mode, the M1, M2 and HELP buttons can be programmed to act as a 'Macro' or Favorite Channel button. This allows you to send up to 10 commands with one button press.

- STEP1** Press the [CBL] button to select the CBL mode.
- STEP2** Press the M1, M2 or HELP button and [OK/SEL] button simultaneously for 3 seconds. The [CBL] Component LED will turn on for 30 seconds.
- STEP3** Press up to 10 buttons you wish to store. The [CBL] Component LED will blink once for each command entered.
- STEP4** Press the [CH ▲] button to store the commands that were selected. The [CBL] Component LED will blink twice to confirm the storage of commands.

L. Low Battery Warning

When the batteries are low and need to be replaced with fresh batteries, the Component LED lights will blink 2 times in sequence whenever a [POWER] button is pressed to turn on equipment.

M. Memory Lock System

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

N. Record Your Component Set-up Codes

TV	Set-up Code Number:	<input type="text"/>	<input type="text"/>	<input type="text"/>
VCR	Set-up Code Number:	<input type="text"/>	<input type="text"/>	<input type="text"/>
DVD	Set-up Code Number:	<input type="text"/>	<input type="text"/>	<input type="text"/>
AUX	Set-up Code Number:	<input type="text"/>	<input type="text"/>	<input type="text"/>

6 Set-up Code Tables

CABLE Converter

Remote	Converter	Code No
URS-L-8520L	Scientific-Atlanta Explorer 8000, Pioneer Voyager DVR, Pace Micro DVR Series.	001

TV

Manufacturer/Brand	Set-Up Code Number
ABEX	025
ADMIRAL	072 081 333 160
ADVENT	247
ADVENTURA	002
AIKO	103
ALERON	028
AKAI	116 146 248
A MARK	112 143
AMERICA ACTION	043
AMPRO	073
AMSTRAD	052
ANAM	043 054 056 080 112 131
AOC	116 004 112 058
APEX DIGITAL	006
AUDIOVOX	076
BARCO	233
BELCOR	116
BELL&HOWELL	333 072
BLAUPUNKT	088
BRADFORD	043
BROKSONIC	238
BROCKWOOD	116
CANDLE	116 002 003 004
CAPEHART	058
CELEBRITY	001
CENTURION	116
CETRONIC	043
CITIZEN	116 002 003 004 043 101 103 143
CLARION	043
CLASSIC	043
CLP CLASSIC	333
COLORTYME	116
CONCERGE	073
CONCERTO	004
CONTEC	043 050 051
CORNEA	116
CORONADO	143
CRAIG	043 054
CROSLEY	164
CROWN	043 143
CURTIS MATHES	116 101 004 143
CXC	043
DAEWOO	004 016 043 044 076 103 114 125 127 143
DAYTRON	004 143
DELL	320 164 004
DIMENSIA	333
DUKANE	163 025
DUMONT	116 073
DURABRAND	096
DWIN	257
DYNASTY	043
EIKI	187
ELECTROBAND	001
ELECTROHOME	143 024 076 196
ELEKTRA	072
EMERSON	028 048 043 155 005 116 004 047 050 051 076 096 143 153 154
ENVISION	116
ESA	323
FISHER	007 057
FUJITSU	246 198
FUNAI	028 043 052
FUTURETECH	043
GATEWAY	242 268
GE	160 144 073 116 008 009 034 056 074 155 333 004

TV

Manufacturer/Brand	Set-Up Code Number
GIBRALTAR	116 073
GOLDSTAR	113 116 102 004 106 112 119 127 143
GRUNPY	028 043
HALL MARK	004
HARLEY DAVIDSON	028
HARYARD	043
HAVARMY	081
HELLO KITTY	076
HIMITSU	043
HITACHI	011 163 166 004 009 010 012 023 075 143 158 072
HP	378 316 327
INFINITY	164
INFOCUS	333 230 330
INTEO	073
INSIGNIA	350
JANEIL	002
JBL	164
JCB	001
JCPENNEY	004 024 116 008 009 030 065 101 143 160
JENSEN	013
JVC	038 034 001 083 145 199 210
KAWASHO	116 001
KEC	043
KENWOOD	116 001
KLOSS	002 059
KLOSS NOVABEAM	002
KMC	143
KTV	043 116 143 154
KURAZAI	072
LG	363 113 116 102 004 106 112 119 127 143 243
LODGENET	072
LOEWE	164
LOGIK	072
LUXMAN	004
LXI	166 007 015 052 081 160 164
MAGNAVOX	164 059 116 003 060 061 004 127 022 160 094 239 226
MAJESTIC	333 072
MARANTZ	116 164 184
MATSUI	164
MATSUSHITA	080
MAXENT	242
MEGATRON	116 163
MEMOREX	007 072 004
MEIZ	088
MGA	116 004 024 028 042
MIDLAND	333 073
MINERVA	088
MINUTZ	008
MITSUBISHI	124 109 024 004 028 040 042 146 191
MONTGOMERY WARD	333 072
MOTOROLA	081
MTC	116 004 101
MULTITECH	043
NAD	015 025
NEC	272 132 134 116 040 016 024 056 019 236 262
NET TV	242
NIKEI	043
NIKKO	116
NTC	103
NUVISION	351
ONKING	043
ONWA	043
OPTIMUS	025
OPTONICA	019 081
OPTOMA	265
ORION	096
PANASONIC	080 034 056 164 208
PHILCO	116 003 059 060 164 004 024 056
PHILIPS	164 005 093 038 116 003 004 059 127 184 206 239 259
PILOT	116
PIONEER	234 135 025 018 023 116
POLAROID	388
PORTLAND	004 143
PRISM	034
PROSCAN	144 160 333

TV

Manufacturer/Brand	Set-Up Code Number
PROTON	004 131 058 143 171 173
PULSAR	116 073
QUASAR	034 056
RADIO SHACK	019 004 143 043 127
RCA	333 160 065 144 116 004 024 056 152 023 074
REALISTIC	007 019 043 047
ROCTEC	186
RUNCO	168 182 073
SAMPO	116 058 004 242
SAMSUNG	258 050 089 101 105 004 127 143 160 228 229
SAMSUX	116
SANSEI	076
SANSUI	096
SANYO	166 007 020 053 057 082 187
SCEPTRE	276
SCOTCH	116
SCOTT	028 043 004 048 143
SEARS	015 030 004 007 028 057 143 094 160 082 166
SELECO	205 227
SHARP	251 081 019 014 170 028 029 004 022 143 175
SHENG CHIA	081
SHOGUN	116
SIEMENS	088
SIGNATURE	072
SIMPSON	003
SOLE	231 232
SONY	001 139 147 126 277
SOUNDESIGN	028 004 003 043
SPECTRICON	112
SQUAREVIEW	052
STARLITE	043
SSS	004 043
SUPRA	116
SUPRE MACY	002
SUPREME	001
SVA	328
SYLVANIA	116 003 052 059 060 164 044 160 127
SYNTAX OLEVIA	333 144 160 376
TANDY	081
TATUNG	056
TECHNICS	034 080
TECHNOL ACE	028
TECHWOOD	004
TEKNIKA	002 003 004 024 028 043 072 101 143
TELEFUNKEN	037 046
TELERENT	072
TERA	172
TMK	004
TNCI	073
TOSHIBA	138 015 030 007 040 101 325
TOTEVISION	143
TVS	096
UNIVERSAL	008 009
VICTOR	145
VIDEO CONCEPTS	146
VIDIKRON	174 184 188 192
VIDTECH	004
VIEWSONIC	242
VIRING	002
VIZIO	386 387
WARDS	004 008 009 019 028 060 061 072 074 143 164 034
WAYCON	015
WESTINGHOUSE	076 280
YAMAHA	116 004
YORK	004
YUPITERU	043
ZENITH	363 073 072 095 103 243
ZONDA	112

VCR-TV/VCR

Manufacturer/Brand	Set-Up Code Number
ADMIRAL	025 053
ADVENTURA	034
AIKO	117
AIWA	034 161

VCR

Manufacturer/Brand	Set-Up Code Number
AKAI	016 146 043 046 124 125
AMERICA ACTION	117
AMERICAN HIGH	031
AMPRO	072
ANAM	031
ASHA	040
AUDIO DYNAMICS	012 023 039 043
AUDIOVOX	101
BEAUMARK	040
BROOKSONIC	035 037 129
CALIX	101
CANON	028 031
CAPEHART	108
CCE	024 117
CITIZEN	101 117
COLT	024
CRAIG	003 040 135
CURTIS MATHES	031 041
CYBERNEX	040
DAEWOO	111 116 117 005 010 108 110 112
DAYTRON	108
DBX	012 023 039 043
DYNATECH	034 053
ELECTROHOME	059
ELECTROPHONIC	101
EMERSON	006 029 035 017 025 027 031 034 036 037 046 101 129 131 153 162 116
FISHER	003 010 008 009
FUJI	031
FUNAI	034
GARRARD	034
GE	031 072 147 107 109 144
GO VIDEO	132 136 155 040 115
GOLDSTAR	101 106 114 013 020 012 123
GRADIENTE	034
HARLEY DAVIDSON	034
HARMAN KARDON	012 045
HARWOOD	024
HITACHI	004 026 150 034 043 160 013
HQ	034
INSTANTREPLAY	031
JCL	031
JCPENNEY	012 013 015 040 066 101
JENSEN	043
JVC	048 043 130 150 060 012 031 152
KEC	101
KENWOOD	014 048 034 047
KLH	024
KODAK	031 101
LG	101 106 114 013 020 012 123
LLOYD	034
LOGIK	024
LXI	034 003 009 017 106
MAGIN	040
MAGNAVOX	067 031 034 041 156 164
MARANTZ	067 012 031 156
MARTA	101
MATSUI	027 030
MATSUSHITA	031
MEI	031
MEMOREX	101 003 010 014 031 034 053 072 102 139
MGA	045 046 059
IMGN TECHNOLOGY	040
MINOLTA	013 020
MITSUBISHI	059 061 151 013 020 045 046 051 049
MOTOROLA	031 053
ITC	034 040
MULTITECH	024 034
NEC	012 023 039 043 048
NIKKO	101
NOBLEX	040
NORDMENDE	043
OLYMPUS	031
OPTIMUS	101
OPTONICA	053 054
ORION	101
SONY	025
PANASONIC	066 070 145 163 167
PENTAX	013 020 031

VCR

Manufacturer/Brand	Set-Up Code Number
PHILCO	031 034 067
PHILIPS	031 067 034 101 054 071 156
PILOT	101
PIONEER	021 013 048
PORTLAND	108
PROFITRONIC	040
PROTEC	024
PULSAR	072
QUARTZ	002 014
QUASAR	066 145
RADIO SHACK	123
RADIX	101
RANDEX	101
RCA	107 109 144 147 041 145 013 020 034 040
REALISTIC	003 008 010 014 031 034 040 053 054 101
RICO	058
RUNCO	148
SALORA	014
SAMSUNG	102 113 115 112 032 040 066 107 109 125
SANKY	053
SANSUI	022 043 048 135
SANYO	003 010 014 102
SCOTT	017 037 112 129 131
SEARS	003 008 010 014 013 101 009 017 073 112
SHARP	149 054 031 165
SHINTOM	024
SHOGUN	040
SIGNATURE	034
SINGER	024
SONY	001 057 058 077 052 003 078 076 031 149 154
SOUNDESIGN	034
STS	013
SYLVANIA	031 034 059 067
SYMPHONIC	034
TANDY	010 034
TATUNG	039 043
TEAC	034 039 043
TECHNICS	031 070
TEKNIKA	031 019 034 101
THOMAS	034
TMK	006
TOSHIBA	112 131 079 008 059 047 082 013
TOTEVISION	040 101
UNITECH	040
VECTOR RESEARCH	012
VICTOR	048
VIDEO CONCEPTS	012 034 046
VIDEOSONIC	040
VILLAIN	034
WARDS	003 013 017 024 031 034 040 053 054 131
WESTINGHOUSE	024 025
XR-1000	024 031 034
YAMAHA	012 034 039 043
ZENITH	072 080 056 048 101 034 058

VCR-TV/VCR

Manufacturer/Brand	Set-Up Code Number
AMERICA ACTION	117
DAEWOO	005 117
EMERSON	153
FUNAI	034
GOLDSTAR	101 123
HARLEY DAVIDSON	034
HITACHI	034
JCPENNEY	101
LG	101 123
LLOYD	034
MAGNAVOX	034 067
MEMOREX	101
PANASONIC	070 167
PHILIPS	034 067
RADIO SHACK	123
RCA	034 144
SEARS	101
SONY	057 154
SYLVANIA	067

VCR-TV/VCR

Manufacturer/Brand	Set-Up Code Number
SYMPHONIC	034
THOMAS	034
ZENITH	034

DVD

Manufacturer/Brand	Set-Up Code Number
AIWA	146
ALLEGRO	091
ALPINE	098
APEX DIGITAL	087 111 115
BLAUPUNKT	111
BROKSONIC	130
CINEVISION	091
DENON	007 080 173
DURABRAND	091
DVD 2000	017
EMERSON	091 143
ENTERPRISE	074
FISHER	147
FUNAI	143
GE	026 027
GOLDSTAR	091
GO VIDEO	137 091 220 221 222
GREENHILL	111
HARMAN KARDON	084 140
HITACHI	101
HITEKER	087
ILO	268
INITIAL	111
INTEGRA	142 180
JBL	084
JVC	012
KENWOOD	151
KISS	279
KLH	135
KRELL	104
LITEON	264 265
LEXICON	148
LG	091 057 074
MAGNAVOX	066 096
MARANTZ	105 095
MALATA	267
MERIDIAN	153
MICROSOFT	026 027 206
MINTEK	111
MITSUBISHI	017
MYRYAD	102 134
NAD	088
NAKAMICHI	103
NESA	111
ONKYO	076 035 180
OPTIMUS	023
OPPO	266
ORION	130
PANASONIC	021 138 139 144 150
PHILIPS	066 095 105