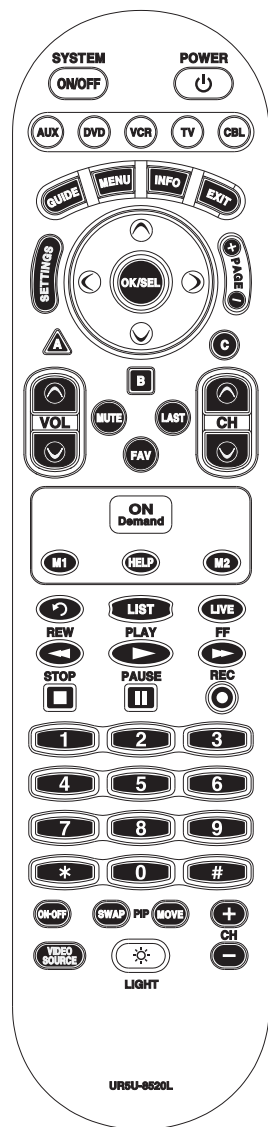


Operating Instructions For

CLIKR™ -5 Cable Remote Control

UR5U-8520L



1 Introduction

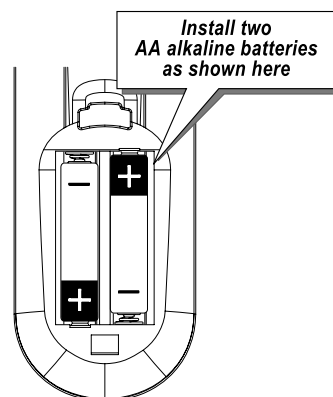
The CLIKR™-5 UR5U-8520 is designed to operate Scientific-Atlanta, Pioneer, Voyager and Pace Micro digital set top boxes (including DVR & HD), plus the majority of TV, VCR, DVD and AUDIO equipment on the market as shown below.

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.



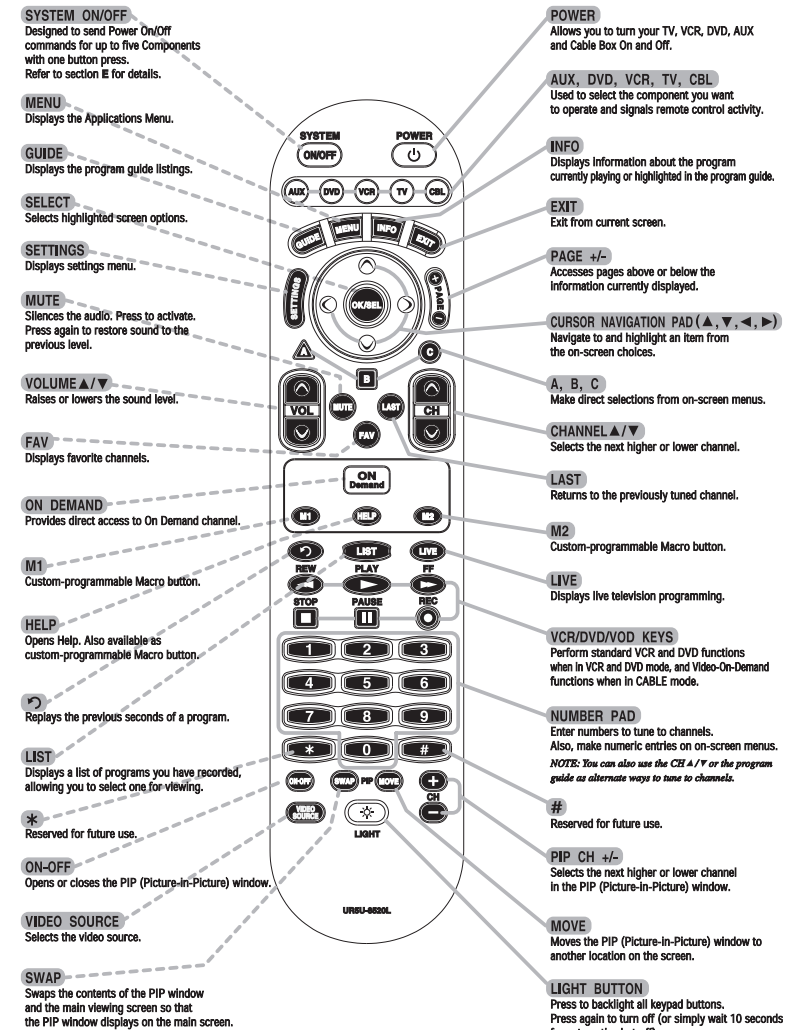
3 Operations

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 F for programming steps.

Volume Default: TV 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 G for programming steps.

4 Button Functions



5 Programming the Remote Control

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

- * **The Pre-Programmed 3-Digit Code Method**
- * **The Auto-Search 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 two 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.

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).

Now, repeat the Auto-Search Method for those Components you could not program earlier with the Pre-Programmed Method.

C. Finding a Component Button's Setup Code Number

If you used the Auto-Search Method 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.*

D. 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.

E. 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.

F. 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**.

G. 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**.

H. 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.

I. 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.

J. Memory Lock System

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

K. 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:

6 Set-up Code Tables

CABLE Converter

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

TV

Manufacturer/Brand	Set-Up Code Number
ABEX	025
ADMIRAL	072 081 161 160
ADVENT	247
ADVENTURA	002
AIKO	103
ALERON	028
AKAI	197 146 248
A MARK	112 143
AMERICA ACTION	043
AMPRO	167 073 157 183
AMSTRAD	052
ANAM	043 054 056 080 112 131
AOC	197 004 112 058
APEX DIGITAL	006
AUDIOVOX	076
BARCO	233
BELCOR	116
BELL&HOWELL	161 072
BLAUPUNKT	088
BRADFORD	043
BROKSONIC	238
BROCKWOOD	116
CAIRN	201
CANDLE	197 002 003 004
CAPEHART	058
CELEBRITY	070
CENTURION	197
CETRONIC	043
CITIZEN	197 002 003 004 043 101 103 143
CLARION	043
CLASSIC	043
CLP CLASSIC	161
COLORTYME	116 197
CONCERGE	073 157 183
CONCERTO	004
CONTEC	043 050 051
CORNEA	116
CORONADO	143
CRAIG	043 054
CROSLEY	164
CROWN	043 143
CURTIS MATHES	197 101 004 143
CXC	043
DAEWOO	004 016 043 044 076 103 114 125 127 143
DAYTRON	004 143
DELL	320 319 321
DIMENSIA	161
DREAMVISION	235
DUKANE	163 025
DUMONT	116 073 157 183
DURABRAND	096
DWIN	177 257
DYNASTY	043
DYNATECH	062
EIKI	187
ELECTROBAND	070
ELECTROHOME	143 024 076 196
ELEKTRA	072
EMERSON	028 048 043 155 005 197 004 047 050 051 076 096 143 151 153 154
ENVISION	116 197
ESA	323
FISHER	007 057
FUJITSU	246 198 346
FUNAI	028 043 052

TV

Manufacturer/Brand	Set-Up Code Number
FUTURETECH	043
GATEWAY	242 268
GE	160 144 165 073 197 008 009 034 056 074 130 155 161 004 157 183
GIBRALTAR	116 073 157 183
GOLDSTAR	113 116 102 004 106 112 119 127 143
GRUNPY	028 043
HALL MARK	004
HARLEY DAVIDSON	028
HARVARD	043
HAVERMY	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	073 157 183
INSIGNIA	350
JANEIL	002
JBL	164
JCB	070
JCPENNEY	004 024 197 008 009 030 065 101 143 160
JENSEN	013
JVC	038 034 070 083 145 199 210 240 241
KAWASHO	116 070 197
KEC	043
KENWOOD	197 070
KLOSS	002 059
KLOSS NOVABEAM	002
KMC	143
KTV	043 197 143 154
KURAZAI	072
LG	363 113 116 102 004 106 112 119 127 143 243 284
LODGENET	072
LOEWE	164
LOGIK	072
LUXMAN	004
LXI	166 007 015 052 081 160 164
MAGNAVOX	164 059 197 003 060 061 004 063 064 127 022 160 094 239 226
MAJESTIC	161 072
MARANTZ	197 164 184
MATSUI	164
MATSUSHITA	080
MAXENT	242
MEGATRON	116 197 163
MEMOREX	007 072 004
METZ	088
MGA	197 004 024 028 042
MIDLAND	161 073 157 183
MINERVA	088
MINUTZ	008
MITSUBISHI	124 109 024 004 028 040 042 146 191
MONTGOMERY WARD	161 072
MOTOROLA	081
MTI	197 004 062 101
MULTITECH	043
NAD	015 025
NEC	272 132 130 134 197 040 016 024 056 019 236 237 262
NET TV	202
NIKEI	043
NIKKO	116 197
NTC	103
NUVISION	351
MITSUBISHI	043
ONKING	043
ONWA	043
OPTIMUS	025
OPTONICA	019 081
OPTOMA	265 270
ORION	096
PANASONIC	080 034 056 092 164 208
PHILCO	197 003 059 060 064 164 004 024 056 063
PHILIPS	164 005 093 038 197 003 004 059 127 184 206 239 259

TV

Manufacturer/Brand	Set-Up Code Number
PILOT	116
PIONEER	234 135 025 197 018 023 116 190
POLAROID	388
PORTLAND	004 143
PRISM	034
PROSCAN	144 160 161 165 167
PROTON	004 131 058 143 171 173 193
PULSAR	116 073 157 183
QUASAR	034 056 092
RADIO SHACK	019 004 143 043 127
RCA	333 160 165 065 144 161 197 004 024 056 152 023 074
REALISTIC	007 019 043 047
ROCTEC	186
RUNCO	168 169 178 179 180 181 182 183 073 157
SAMPO	197 058 004 202
SAMSUNG	258 050 089 101 105 004 127 143 160 228 229
SAMSUIX	197
SANSEI	076
SANSUI	096
SANYO	166 007 020 053 057 082 187
SCEPTRE	276
SCOTCH	116 197
SCOTT	028 043 004 048 143
SEARS	015 030 004 007 028 057 143 094 160 082 165 166
SELECO	189 200 205 227
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	001 139 147 126 185 085 213 277 279
SOUNDESIGN	028 004 003 043
SPECTRCON	112
SQUAREVIEW	052
STARLITE	043
SSS	004 043
SUPRA	116
SUPRE MACY	002
SUPREME	070
SVA	328
SYLVANIA	197 003 052 059 060 063 064 164 044 160 127
SYNTAX OLEVIA	161 144 160 376
TANDY	081
TATUNG	056 062
TECHNICS	034 080
TECHNOL ACE	028
TECHWOOD	004
TEKNIKA	002 003 004 024 028 043 072 101 143
TELEFUNKEN	037 046 086 087
TELERENT	072
TERA	172
TKM	004
TNCI	073
TOSHIBA	138 015 030 007 040 062 101 325
TOTEVISION	143
TVS	096
UNIVERSAL	008 009
VICTOR	145
VIDEO CONCEPTS	146
VIDIKRON	174 184 188 192
VIDTECH	004
VIEWSONIC	242
VIRKING	042
VIZIO	386 387
WARDS	004 008 009 019 028 060 061 063 064 072 074 143 164 034
WAYCON	015
WESTINGHOUSE	076 280
YAMAHA	197 004
YORK	004
YUPITERU	043
ZENITH	363 073 072 095 103 157 183 243 284
ZONDA	112

VCR

Manufacturer/Brand	Set-Up Code Number
ADMIRAL	025 053
PANASONIC	034
AIKO	117
AIWA	034 161
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	111 116 117 119 005 007 010 065 108 110 112
DAYTRON	108
DBX	012 023 039 043
DYNATECH	034 053
ELECTROHOME	059
ELECTROPHONIC	101
EMERSON	006 029 035 017 025 027 031 034 036 037 046 101 129 131 138 153 162 116
FISHER	003 010 008 009
FUJI	031
FUNAI	034
GARRARD	034
GE	031 072 147 063 107 109 144
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	004 026 150 018 034 043 063 137 160 013
HQ	034
INSTANTREPLAY	031
JCL	031
JCPENNEY	012 013 015 040 066 101
JENSEN	043
JVC	048 043 130 150 055 060 012 031 050 152 166
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	067 031 034 068 041 156 164
MARANTZ	067 069 012 031 156
MARTA	101
MATSUI	027 030
MATSUSHITA	031
MEI	031
MEMOREX	101 003 010 014 031 034 053 072 102 134 139
MGA	045 046 059
MGN TECHNOLOGY	040
MINOLTA	013 020
MITSUBISHI	059 061 151 013 020 045 046 051 049 168
MOTOROLA	031 053
MTI	034 040
MULTITECH	024 034
NEC	012 023 039 043 048
NIKKO	101
NOBLEX	040
NORDMENDE	043
OLYMPUS	031
OPTIMUS	101
OPTONICA	053 054

VCR

Manufacturer/Brand	Set-Up Code Number
ORION	025
PANASONIC	066 070 145 083 133 140 157 163 074 167
PENTAX	013 020 031 063
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	066 145 075
RADIO SHACK	123
RADIX	101
RANDEX	101
RCA	107 109 144 147 158 041 145 013 020 140 034 040
REALISTIC	003 008 010 014 031 034 040 053 054 101
RICO	058
RUNCO	148
SALORA	014
SAMSUNG	102 104 113 115 112 120 032 040 066 107 109 122 125
SANKY	053
SANSUI	022 043 048 135
SANYO	003 010 007 014 134 102
SCOTT	117 037 112 129 131
SEARS	003 008 010 014 081 013 101 009 017 073 112
SHARP	149 054 031 159 165
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	112 131 079 008 059 047 082 013 042 081
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

VCR-TV/VCR

Manufacturer/Brand	Set-Up Code Number
SEARS	101
SONY	057 154
SYLVANIA	067
SYMPHONIC	034
THOMAS	034
ZENITH	034

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	083 095
MALATA	267
MERIDIAN	153
MICROSOFT	026 027 206