Synergy™ V
Model RT-U60C/RT-U62CP

1. Introduction

Your Synergy™ V Universal / DVR remote control is simple to program, easy to use, and can operate up to five (5) electronic devices, which include:

CABLE	Cable set-top terminals
TV	Televisions
VCR	VCR
DVD	DVD
AUDIO	Audio receivers, amplifiers, CD players

Before you can use your remote control, it must be programmed (set-up) to operate the above devices.

2. Before Getting Started

Some of the special features and buttons on your remote control are as follows

Point and Press® Programming

Lets you program your TV, VCR, DVD, AUDIO devices without using codes. For more information, see sections 5 and 14.

[ALL] SmartKey®

Turns your CABLE set-top terminal and TV on / off with one button press. [ALL] can also be programmed to turn on / off additional electronic devices, or automatically set your correct TV output channel. For more information, see section 9.

[MODE]

Indicates which mode (i.e. CBL, TV, VCR, DVD AUDIO) the remote is currently operating in by illuminating the power button. To change to a different mode, press [MODE], then the power button for the electronic device you wish to operate. For more information, see Section 15.

Memory Guard®

Eliminates reprogramming after battery changes.

3. Installing / Replacing Batteries

Install two (2) new AA Alkaline batteries. Properly match the "+ / -" ends of the batteries with the diagram in the battery compartment.

When the batteries become low and need to be replaced, the [CBL], [TV], [VCR], [DVD], [AUDIO] buttons will not illuminate normally, or at all during use.

When this happens, replace the existing batteries with two (2) new AA Alkaline batteries to restore normal operation to the remote control.

4. Programming Your Cable Set-Top Terminal

Your remote control is pre-programmed to operate the Scientific Atlanta Explorer® 8000 digital set-top terminal. To operate a different cable set-top terminal, look up the brand and model in the Cable Setup Code list and follow these steps :

1. Press [SELECT], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL ➔ TV ➔ VCR ➔ DVD ➔ AUDIO ➔ CBL).
2. From the Cable Setup Code list, locate the 3-digit code for your brand / model and enter it on the keypad of the remote control. The set-top terminal will turn off.
3. Then, press [SELECT] to lock in the code. The power / mode buttons will blink 3-times and go out.

Cable Setup Codes

Motorola	
DCT, CFT2200	001
CFT2100, CFT2000	002
Jerrold	
DL4, DP(V), DQN(V), DPBB	003
Scientific Atlanta	
Explorer® 8000 (SARA - RT-U59C)	412
Explorer® 8000 (Passport - RT-U61CP)	413
Explorer® 8600X	004
8600	005
	006
Pace	
510 Digital	004

HD Digital	010
Pioneer	
Voyager® BA-V1000, BA-V2000	004 007
Tocom	
5503VIP, 5507, 5508	008
Zenith	
MM2500	009
Digital	013

5. Programming Your TV, VCR, DVD and AUDIO Devices

Code Entry Programming

1. Turn on all the electronic devices (TV, VCR, DVD, AUDIO) you want to program the remote to operate.
2. Press [SELECT], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL ➔ TV ➔ VCR ➔ DVD ➔ AUDIO ➔ CBL...).
3. a. To program your TV, locate the 3-digit code for your brand in the TV Setup Code list and enter it on the keypad of the remote control. Entry of the correct code will cause your TV to turn off. If multiple codes are listed for your brand, you may have to try several different codes until your TV turns off.

   b. As soon as you have entered a 3-digit code that turns your TV off, press [MUTE].

   1. If the TV turns back on, press [SELECT] to lock in the code. The power / mode buttons will blink 3-times and go out.

   Or

   2. If the TV does not turn back on, enter a different 3-digit setup code until your TV turns back on. Then press [SELECT] to lock in the code. The power / mode buttons will blink 3-times and go out.
4. To program your VCR refer to the VCR / DVD Setup Code lists and repeat steps 2 and 3 above.

5. To program your DVD refer to the VCR / DVD Setup Code lists and repeat steps 2 and 3 above.
6. To program your AUDIO equipment, refer to the AUDIO Setup Code list and repeat steps 2 and 3 above.

Point and Press® Programming

This method allows you to program the remote control without using codes. Instead, the remote control automatically finds the correct command that you select in a variety of codes until you find the code that operates your device. You then lock in the correct code as described below.

The following instructions describe how to program your remote control using the [CH +] or [CH -] buttons ("Power" function during programming). You may also program your remote control using other buttons / functions as described in Section 14. When using this method, there are several important points to remember:

- The order in which you program your electronic devices is not important.
- There may be several codes that turn your electronic devices on / off (or perform other functions). Once you lock-in a code, be sure to check the available functions for that device (i.e. TV - Vol +/-, Mute, TV Input (Video Source button), VCR - Play, Stop.., DVD - Play, Stop.., AUDIO - Vol +/-, Mute) to see if they are operating.
- While the remote is searching for the correct setup code(s) for your electronic devices, it is possible that other (previously programmed) devices may turn on / off (or perform other functions). If this occurs, continue pressing the [CH +] or [CH -] buttons (or the buttons described in Section 14) until you find the correct code for the device you are programming.
- It may take several minutes for the remote to find the correct code that turns your device off (or performs another selected function). During this time, the power / mode buttons will illuminate in fast-rotation (i.e. CBL ➔ TV ➔ VCR ➔ DVD ➔ AUDIO ➔ CBL...).

Programming your electronic devices using the [Ch +] or [Ch -] buttons ("Power" function during programming)...

1. Turn on all the electronic devices (TV, VCR, DVD, AUDIO) you want to program the remote to operate.
2. Press [SELECT], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL ➔ TV ➔ VCR ➔ DVD ➔ AUDIO ➔ CBL...).
3. Press and hold the [CH +] button until one device turns off. While you are pressing the [CH +] button, the power / mode buttons will illuminate in fast-rotation. As soon as one device turns off, release the [CH +] button.
4. Press [MUTE]. If the device that turned off...

   a. Turns back on, press [SELECT] to lock in this code. The power / mode buttons will blink 3-times and go out.

   Or

   b. Does not turn back on, press [CH -] one step at a time until that device turns back on. Each time you press the [CH -] button, the power / mode buttons will illuminate once in reverse fast-rotation (AUDIO ➔ DVD ➔ VCR ➔ TV ➔ CBL).

   Once you have found a code that turns the device on / off, press [SELECT] to lock in this code. The power / mode buttons will blink 3-times and go out.
5. Repeat steps 2 to 4 above for each of the remaining electronic devices you wish to program the remote to operate.

6. Programming Your TV / VCR Combination

1. First, turn on your TV / VCR combination device and install a VHS tape.
2. Next, program your remote to operate the TV functions.

   Using the Code Entry Programming method described in Section 5, find a TV Setup Code that operates the TV functions (Power, Vol + / -, Mute) of your TV / VCR combination.
3. Last, program your remote to operate the VCR functions.

   Using the Code Entry Programming method described in Section 5, enter, lock and test each 3-digit VCR Setup Code for your brand until a code is found that operates the transport functions (Play, Stop, Rew, Pause, Rec) functions of your TV / VCR combination.

7. Programming Your TV / DVD or TV / VCR / DVD Combination

1. First, turn on your TV / DVD combination device and install a DVD.
2. Next, program your remote to operate the TV functions.

   Using the Code Entry Programming method described in Section 5, find a TV Setup Code that operates the TV functions (Power, Vol ▲/▼, Mute, Ch ▲/▼, 0-9) of your TV / DVD unit.
3. Last, program your remote to operate the DVD functions.

   Using the Code Entry Programming method described in Section 5, enter, lock and test each 3-digit DVD Setup Code for your brand until a code is found that operates the transport functions (PLAY, STOP, REW, FWD, PAUSE, REC) of your TV / DVD unit.

   Before you can test for the correct DVD setup code, you must first press the [MODE] button, then [DVD] button to put the remote in its DVD mode.
4. If you have a TV / VCR / DVD combination unit, you would then program your remote to operate the VCR functions.

   Using the Code Entry Programming method described in Section 5, enter, lock and test each 3-digit VCR Setup Code for your brand until a code is found that operates the VCR transport functions (PLAY, STOP, REW, FWD, PAUSE, REC) of your TV / DVD / VCR unit.

   Before you can test for the correct VCR setup code, you must first press the [MODE] button, then [VCR] button first to put the remote in its VCR mode.

TV Setup Codes

BRAND	CODE
Admiral	026 054 211
Adventura	047
Advent	072 094
Aiwa	214
Akai	053

ECA	156
GE	150 152 156 175
Goldstar (LG)	129 133 135 179 260
Gradiente	212 234
Harmon Kardon	256 259
Hitachi	149
JVC	177 179
Kenwood	228
KLH	248 252
LG (Goldstar)	129 133 135 179 260
Magnavox	138 143 146
Marantz	270
Mitsubishi	181 185
NAD	246
Onkyo	085 244
Panasonic	115 118 121 124
Pioneer	125 187 188
Proceed	236
RCA	156
Samsung	192 224 225
Sharp	034 076 077 079
Sony	040 059 061
Sylvania	421
Thomson	156 237
Toshiba	082 085 087 113
Yamaha	121 124 210
Zenith	129 133 135

Audio Setup Codes

BRAND	CODE
Compact Disc	
ADC	318
Akai	249 261
Aiwa	176
Carver	176
Crown	154
Denon	273
Fisher	230 274
Goldstar (LG)	308

Amark	023 215
Amstrad	157
Anam	217 218 219 220 221 222 223
AOC	053
Apex	030 038
Audiovox	220
Belcor	073
Bell & Howell	211
Broksonic	165 167
Brokwood	073
Candle	068 091
Centurion	095 107 108
Citizen	068 091 211 233
Concerto	073 095
Contec	147
Coronado	023
Craig	223
Crown	023
Curtis Mathes	016 054 107 108 211 213
Daewoo	051 068 073 095 158 159 189 191 194 196 197 198 200 202 204 205 206 207 209
Daytron	073 095 107 108
Dumont	073
Electro Home	073 095
Elektra	353
Emerson	016 023 053 064 103 139 158 159 164 165 166 167 168 169 392 400 401 402 408 415
Envision	073 095
Fisher	355 356
Funai	047
GE	015 018 042 044 049 054 055 068 073 090 095 101 102 103 389 390 396 403 406 407
Gibralta	023 048 053 068 073

	090 095 107 108 233 360
Goldstar (LG)	023 053 068 073 090 107 108 233 360 361
Grundig	233
Hall Mark	073 095
Hitachi	023 068 095 096 097 098 099 100
Inkel	364
JC Penney	039 053 068 073 092 095 102 355
JVC	104 105 106 396 397 410
Kawasho	073 095
KMC	023
KTV	023 053 233 366
Kurazai	211 213
LG (Goldstar)	023 053 068 073 090 107 108 233 360 361
Lodgenet	211 213
Logik	211 213
Luxman	068 073 095
LXI	024 026 157
Magnavox (Philips)	023 068 071 073 089 090 091 093 134 385 387 397 404
Majestic	211 213
Marantz	053 107 108 109
Megatron	215
Memorex	090 211 213 355 388 405
MGA/Mitsubishi	053 068 073 090 095 107 109 110 216 384 394 395 398 399 417
Montgomery Ward	022 023 026 053 071 072 108 211 213
NEC	028 068 090 108 200
Orion	019 159 160 161 162 163 382
Panasonic	042 043 044 045 046
Philco	023 053 068 071 072

	091
Philips(Magnavox)	023 068 071 073 089 090 091 093 134 385 387 397 404
Pilot	073 094 233
Pioneer	111 144 383
Portland	023 068
ProScan	055 070
Proton	090 371 372
Pulsar	073
Quasar	044
Radio Shack	073
Realistic	022 166 168
RCA	042 052 053 054 055 069 070 416
Sampo	090 108
Samsung	015 016 017 023 031 090 107 108 134 147 151 153 386 411
Sansui	423
Sanyo	353 355 356 376 377
Scott	090 108 168
Sears	023 031 038 039 068 353 355 356
Sharp	016 022 023 024 025 026 027 028 029 393 395 409
Signature 2000	023 026 108 211 213
Sony	014 020 021
Soundesign	091
Squareview	157
Supre-Macy	380
Sylvania	068 071 072 090 091 093 107 108 157 158 419
Symphonic	047 157
Tatung	044
Techwood	068
Teknika	023 068 072 091 168 213
Telerent	023 213

Tera	381
Tevion	065 414
TMK	068 090
Toshiba	030 031 038 039
Totevision	233
Universal	068 102
Vidtech	068
Wards	068 090
White Westinghouse	211 408
XR-1000	213
Yamaha	068
York	090 108
Zenith	047 048 049 050 051 391 405 406

VCR Setup Codes

BRAND	CODE
Admiral	066 075
Aiwa	132
Akai	269 275 336 351 352 354
Audio Dynamics	243 291
Bell & Howell	357
Broksonic	333 337 358 359
Canon	086 362
Citizen	033 172 247 331
Colortyme	291
Craig	172 363
Curtis Mathes	086 112 247 291
Daewoo	033 343 344 345 346 347
Daytron	345 365
DBX	243 291
Dynatech	132
Emerson	033 086 132 326 327 331 332 333 334 335 336 337 338 339 340 341 342
Fisher	035 081 357 363
Funai	132

GE	086 172 174
Go Video	348 349 350
Goldstar (LG)	247 331
Harman Kardon	291
Hitachi	078 132
Instant Replay	086
JC Penney	078 086 172 238 291
JCL	086
JVC	120 128 243 247 250 253
Kenwood	120 132 238 243 247
LG (Goldstar)	247 331
Lloyd	132
Logik	367
LXI	132 331
Magnavox (Philips)	086 132 183
Marantz	086 172 183 238 247 291
Marta	331
Matsui	368
Memorex	132 238 331 363 369 370
Mitsubishi	255 258
MTC	132 172
Montgomery Ward	066 170 173 373
Multi Tech	132 172 367
NEC	120 238 243 291 374 375
Orion	322 326 327 328 329 330
Panasonic	112 117
Pentax	078
Philco	086 132 183
Philips (Magnavox)	086 132 183
Pioneer	078 120 263
Portland	345
ProScan	170 174
Quartz	238 378
Quasar	112
RCA	078 132 141 170 172 173 174

Realistic	066 132 238 363
Samsung	269 271 275 276 278
Sansui	120 367 379
Sanyo	238 346 357 363
Scott	033 332 367
Sears	035 078 238 331 363
Sharp	066 075
Shintom	367
Signature 2000	066 170 173 373
Sony	056 058 060
Soundesign	132
Sylvania	086 132 141 183 184 322 324 420
Symphonic	132
Tandy	132 238
Tashiko	331
Tatung	243
Teac	132 243
Technics	086
Teknika	132 331 359
Thomas	132
TMK	338
Toshiba	033 035 078 081
Totevision	172 331
Unitech	172
Vector Research	291
Video Concepts	132 291
Wards	066 132 172 247 331
XR-1000	367
Yamaha	132 243 291
Zenith	058 120 122 128 132

DVD Setup Codes

BRAND	CODE
Apex Digital	193 227
B144	146
Denon	201 203
DVD-Video	199

Harman Kardon	315
JVC	297
Kenwood	131 176 274 289 299
Krol	176
LG (Goldstar)	308
Magnavox (Philips)	037 084 119 296
Mission	176
Mitsubishi	245 249
NAD	182 231 290
Nakamichi	264 319
NEC	235
NSM	176
Onkyo	300
Panasonic	184 266
Philips (Magnavox)	037 084 119 296
Pioneer	116 127
Quasar	184
Radio Shack	186 190 266 279 289
RCA	295
Sanyo	230 309
SAE	176
Scott	186
Sharp	288 289
Sony	067 292 293
Soundesign	148 242 311 320
STS	318
Sylvania	084
Teac	186
Technics	184 208 317
Toshiba	290
Yamaha	280
Receiver / Amplifier	
Adcom	325
Aiwa	301
Akai	142
Bose	302
Carver	155 180
Denon	262 307

Everquest	136
Fisher	063 180
Fosgate Audionics	305
Goldstar (LG)	036
Harman Kardon	130 257 305 306
Hitachi	240
Jensen	140
JVC	114 241
Kenwood	063 277
LG (Goldstar)	036
Luxman	281
Magnavox	080
Marantz	282 283 284 285
NAD	286
Onkyo	126 171 304
Optimus	142 229 321
Panasonic	032 074
Parasound	323
Philips (Magnavox)	080
Pioneer	123 137 251 298
Quasar	032
Radio Shack	229 267
Realistic	226 268
Rotel	310
Sansui	283
Sanyo	195
Scott	272
Sharp	294
Sherwood	229 267
Sony	041 057 232 287
Soundesign	083 088 239 265
SSI	313
Taekwang	142
Teac	314 316
Technics	032
Wards	063
Victor	114 241
Yamaha	145 254 303
Zenith	036 083 088 239 265

8. Code Number Read-Back

To identify the 3-digit setup codes stored under the Point and Press® programming method, follow these steps :

To identify the TV setup code...

1. Press [TV], then [SELECT] together until the [TV] button illuminates.
2. Press [INFO]. The [TV] button will "blink back" the code numbers, with a 1-second interval between each digit of the code.

   Example : For code "035", the remote will blink 10 times, then 3 times, then 5 times.

To identify the 3-digit VCR code, press [VCR], then [SELECT] in step 1, then press [INFO].

To identify the 3-digit DVD code, press [DVD], then [SELECT] in step 1, then press [INFO].

To identify the 3-digit AUDIO code, press [AUDIO], then [SELECT] in step 1, then press [INFO].

9. ALL SmartKey®

Once you have programmed the remote to operate your electronic devices, you can press the [ALL] SmartKey® to turn your Cable set-top terminal and TV on / off with one button press. You can also program the [ALL] button to turn on / off additional electronic devices and / or tune your TV to its correct output channel.

Programming the [ALL] SmartKey®

1. Press [ALL], then [SETTINGS] together until the [CBL] button illuminates.
2. Enter one of the following options on the keypad of the remote :

   [0] - Turns on / off CBL + TV (default setting)
   [1] - Turns on / off CBL + TV and tunes TV to output Channel 3.
   [2] - Turns on / off CBL + TV and tunes TV to output Channel 2.
   [3] - Turns on / off CBL + TV and tunes TV to output Channel 4.

   [10] - Turns on / off CBL + TV + VCR + DVD
   [4] - Turns on / off CBL + TV + VCR + DVD and tunes TV to output Channel 3.
   [5] - Turns on / off CBL + TV + VCR + DVD and tunes TV to output Channel 2.
   [6] - Turns on / off CBL + TV + VCR + DVD and tunes TV to output Channel 4.

   [11] - Turns on / off CBL + TV + VCR + DVD + AUDIO
   [7] - Turns on / off CBL + TV + VCR + DVD + AUDIO and tunes TV to output Channel 3.
   [8] - Turns on / off CBL + TV + VCR + DVD + AUDIO and tunes TV to output Channel 2.
   [9] - Turns on / off CBL + TV + VCR + DVD + AUDIO and tunes TV to output Channel 4.

   [12] - Turns on / off CBL + TV + AUDIO
   [13] - Turns on / off CBL + TV + AUDIO and tunes TV to output Channel 3
   [14] - Turns on / off CBL + TV + AUDIO and tunes TV to output Channel 2
   [15] - Turns on / off CBL + TV + AUDIO and tunes TV to output Channel 4
3. As soon as you select an option, the [CBL] button will blink 3-times and go out.

Using the [ALL] SmartKey®

When pressing the [ALL] SmartKey®, be sure to keep the remote control aimed at your electronic devices until your electronic devices turn on or / off.

Whenever the [ALL] SmartKey® is pressed, the mode of the remote control will automatically switch back to Cable.

10. Volume Control

When you first program your remote, volume / mute are controlled through your TV (except AUDIO which defaults to the AUDIO device). The volume control options in each mode of the remote are :

CBL	TV (default), Cable or Audio.
TV	TV (default), Cable or Audio.
VCR	TV (default), Cable or Audio.
DVD	TV (default), Cable or Audio.
AUDIO	AUDIO device (default), Cable or TV.

To control volume / mute through your Cable set-top terminal in the remote's Cable mode...

1. Press [CBL], then [SELECT] together until the [CBL] button illuminates.
2. Press [VOL +], then [CBL] for Cable volume. The [CBL] button will blink 3-times and go out.

To return volume control to your TV, repeat step 1, then press [VOL +], then [TV] in step 2.

11. Channel Memory Buttons - [MUSIC], [MOD], [NEWS], [HELP]

Your remote has 4 Channel Memory Buttons - [MUSIC], [MOD] (Movies-On-Demand), [NEWS], [HELP](may be labeled differently on some models). Each of these buttons can store up to 5 cable channels. Each cable channel can be up to 5-digits.

Some or all of your remote's Channel Memory Buttons may come pre-tuned to channels or functions selected by your cable operator. If they have not been pre-tuned by your cable operator, they can be programmed as follows:

Programming Channel Memory Buttons

For example, to program the [MOD] button to cable channels 1, 12, 123, 1234, 17, follow these steps:

1. Press [MOD], then [CBL] together until the [CBL] button illuminates.
2. Enter each channel as follows (ex. assumes 4-digit channel format) :

   a. Enter 1st channel # - 0001.
   b. Press [CH +] to advance to next channel # setting.

   c. Enter 2nd channel # - 0012.
   d. Press [CH +] to advance to next channel # setting.
   e. Enter 3rd channel # - 0123.
   f. Press [CH +] to advance to next channel # setting.
   g. Enter 4th channel # - 1234.
   h. Press [CH +] to advance to next channel # setting.
   i. Enter 5th channel # - 0017.
3. Press [MOD] to store the above channels. The [CBL] button will blink 3-times and go out. To store fewer than 5 channels, you can press the [MOD] button any time after entering a complete channel number.
4. Repeat the above steps to program the [MUSIC], [NEWS] and [HELP] buttons. Follow the example in step 1,but press [MUSIC] or [NEWS] or [HELP], then [CBL] together until the [CBL] button illuminates.

Using Channel Memory Buttons

Using the above programmed channels as an example...

1. Press [MOD] - Cable set-top terminal tunes to channel 0001.
2. Press [MOD] again - Cable set-top terminal tunes to channel 0012.
3. Press [MOD] again - Cable set-top terminal tunes to channel 0123.
4. Press [MOD] again - Cable set-top terminal tunes to channel 1234.
5. Press [MOD] again - Cable set-top terminal tunes to channel 0017.
6. Press [MOD] again - Cable set-top terminal tunes to channel 1.... repeat.

Whenever a Channel Memory button is pressed, the function of the transport buttons will automatically switch back to Cable.

When pressing the Channel Memory Buttons, be sure to keep the remote control aimed at your Cable set-top terminal to ensure the full channel numbers are received in their entirety.

If you are using your Synergy™ V remote to operate a Cable set-top terminal other than the Explorer® 8000 model, you may only have to enter channels in a 3-digit format (ex. 012).

12. Video Source

This button changes the input source of your electronic devices. In the remote's Cable mode, this operates a Cable function. In the remote's TV mode, this button changes the Input Source (Input 1, Input 2...) on your TV. In the remote's VCR mode, this button changes the TV / VCR Input on your VCR.

You can program this button so that in the remote's Cable mode, [VIDEO SOURCE] will operate the Input function on your TV or VCR, eliminating the need to change modes on the remote.

To program [VIDEO SOURCE] to operate your TV Input function in the remotes cable mode...

1. Press [VIDEO SOURCE], then [SELECT] together until the [CBL] button illuminates.
2. Press [TV]. The [CBL] button will blink 3-times and go out.

Note : You can also press [VCR] in step 2 above to operate the TV / VCR function on your VCR. Or press [CBL] to return to the normal CBL Video Source function.

13. Reset

To reset your remote control to its factory default settings...

1. Press [CBL], then [SELECT] together until the [CBL] button illuminates.
2. Press [SETTINGS], then [SETTINGS] again. The [CBL] button will blink 3 times and go out.

Reset (Partial) returns the ALL SmartKey®, Volume / Mute, Mode Lock™ features to their factory default settings.

14. Additional Programming Information, Troubleshooting, Terms

Additional Programming Information

1. The power / mode buttons will illuminate in slow-rotation (i.e. CBL ➔ TV ➔ VCR ➔ DVD ➔ AUDIO ➔ CBL...) while the remote is in a programming mode. In the absence of a keypress entry, the power / mode buttons will stop illuminating after 45 seconds and the remote will exit the programming mode.
2. When programming the remote control using the [CH +] or [CH -] buttons (Power function) in the Point and Press® Programming method, you may find a code that turns a device off but not back on. If this happens...

   a. The correct code has not been found as you may have a code that operates some but not all of the functions of your device. Continue pressing [CH +] until your device turn on.

   OR

   b. You may have gone past the correct matching code. Try pressing [CH -] one press at a time until you find a code that turns your device back on.
3. When using the Point and Press® Programming method, you can also program your remote using buttons other than the [CH +] or [CH -] as described in Section 5 as follows:

   a. [VOL +] - to "go forward" through the codes using the "VOL +" function on your devices.

   b. [VOL -] - to "go back" through the codes using the "VOL -" function on your devices.

   Note : When you find the correct code, the volume of the device being programmed will increase or decrease.

   c. [▲] - to "go forward" through the codes using the "CH +" function on your devices.

   d. [▼] - to "go back" through the codes using the "CH -" function on your devices.

   Note : When you find the correct code, the channel of the device being programmed will increase or decrease.

   e. [▶▶] - to "go forward" through the codes using the "Fast Forward" function on your devices.

   f. [◀◀] - to "go back" through the codes using the "Rewind" function on your devices.

   Note : When you find the correct code, the fast-forward or rewind function of the device being programmed will be performed. To simplify programming using these buttons, insert a VHS tape or DVD in the device being programmed.

You can also program your remote using the other available functions as follows :

   a. Press [SELECT], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL ➔ TV ➔ VCR ➔ DVD ➔ AUDIO ➔ CBL...).

   b. In this order, carefully press [0], [0], [0], [CH+] and [VOL+]. The power / mode buttons illuminate in slow-rotation (i.e. CBL ➔ TV ➔ VCR ➔ DVD ➔ AUDIO ➔ CBL...).

   c. You can now program your remote using the [CH+], [CH -], [VOL+], [VOL -], [▲], [▼], [FFWD], [REW], [PLAY], [STOP], [REC], [PAUSE], [LAST], [FAV], [0] - [9] buttons. When you find the correct code, the function associated with the selected button will be performed.
4. Your remote is equipped with a Point and Press® Programming label on the back of its case. This will help you quickly program the remote without using codes.

Troubleshooting / Tips

1. If the same button is pressed and held for 45-seconds, your remote control will turn itself off automatically. This extends the battery life should the remote become lodged under or between heavy objects, for example sofa cushions.

2. If you have a TV that's operated by remote control, it is recommended that you plug it directly into a wall outlet instead of the cable set-top terminal.
3. If you have any questions concerning the brand, model or operation of your cable set-top terminal, contact your cable operator.

Frequently Used Terms

AUDIO Devices - Audio receivers, amplifiers, CD players that you can program your remote to operate.

DVR - Digital Video Recorder.

Default Setting - How your remote is set when you receive it from your cable operator.

Electronic Components / Devices - The various electronics device the remote is designed. These include cable set-top terminals, TVs, VCRs, DVDs, audio-video receivers, amplifiers and CD players.

Fast-Rotation - The power / mode buttons will illuminate in a fast sequence (i.e. CBL ➔ TV ➔ VCR ➔ DVD ➔ AUDIO ➔ CBL...) repeated every 1/3 second. Fast-rotation occurs when the remote is receiving keypresses to program it to your electronic devices.

Mode - The device the remote is set to operate (ex. Cable, TV, VCR, DVD, Audio)

PIP - Picture-in-picture functionality through your Cable set-top terminal.

Program (Setup) - The process of teaching your remote control to operate your electronic devices.

Slow-Rotation - The power / mode buttons illuminate in a slow sequence (i.e. CBL ➔ TV ➔ VCR ➔ DVD ➔ AUDIO ➔ CBL...) repeated every 1 second. Slow-rotation illumination occurs when the remote is in the programming mode, waiting for the next entry on the keypad of the remote.

TV Output Channel - The channel your TV needs to be set on for proper Cable reception (most often TV channel 3, but may be TV channel 2 or 4). If you have any questions concerning your TV output channel, contact your cable operator. Or, with your cable set-top terminal turned on, try setting your TV to channel 2, 3 or 4 to obtain a clear picture.

Transport Functions - These are the [STOP], [PLAY], [FWD], [REW], [PAUSE] and [REC] buttons. In the remote control's Cable mode, these buttons operate your Cable set-top features. In the remote control's VIDEO mode,these operate your VCR or DVD functions.

VIDEO Devices - VCR or DVD players.

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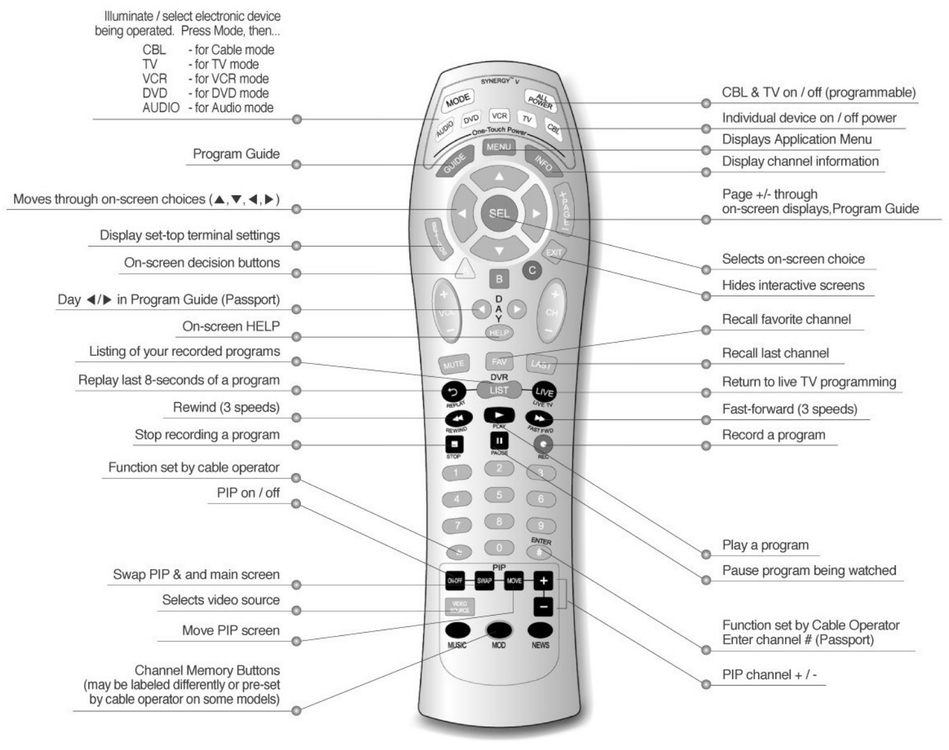
U.S. Patent 6,507,306

15. Using Your Synergy™ V - Universal / DVR Remote Control

Important : The following diagram shows how to use the buttons on your remote control to operate the DVR and PIP functions of your Explorer® digital set-top terminal. To access these functions, set the remote control to its Cable mode by pressing the [MODE] button, followed by the [CBL] button.


Illuminate / select electronic device being operated. Press Mode, then...
CBL - for Cable mode
TV - for TV mode
VCR - for VCR mode
DVD - for DVD mode
AUDIO - for Audio mode
Program Guide
Moves through on-screen choices (▲,▼,◀,▶)
Display set-top terminal settings
On-screen decision buttons
Day ◀/▶ in Program Guide (Passport)
On-screen HELP
Listing of your recorded programs
Replay last 8-seconds of a

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