

# Synergy™ IV

## Model RT-U59C / RT-U61CP

### Universal / DVR Remote Control



### Programming And Operating Instructions

(Part # 9-541-69)

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### 1. Introduction

Your Synergy™ IV Universal / DVR remote control is simple to program, easy to use, and can operate up to four (4) electronic devices, which include:

- CABLE** Cable set-top terminals
- TV** Televisions
- VIDEO** VCR, 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, VIDEO, AUDIO devices without using codes. For more information, see sections 5 and 13.

#### [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 8.

#### [MODE]

Indicates which mode (i.e. CBL, TV, VIDEO, 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 14.

#### 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], [VIDEO], [AUDIO] buttons will not illuminate normally or at all during use, and the remote will no longer operate your devices. When this occurs, replace the existing batteries with two (2) new AA Alkaline batteries to restore normal operation to the remote. For more information, see Section 13.

### 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 :

- Press [SEL], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL → TV → VIDEO → AUDIO → CBL).

- 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.

- Then, press [SEL] to lock in the code. The power / mode buttons will blink 3-times and go out.

### Cable Setup Codes

Motorola		
DCT, CFT2200	001	002
CFT 2100, CFT 2000	001	002
DCT - 62xx series DVR terminals		002
Jerroid		
DL4, DP(V), DQN(V), DPBB		003
Scientific Atlanta		
Explorer® 8000 (w/o Day ◀, ▶)	412	
Explorer® 8000 (with Day ◀, ▶)	413*	
Explorer®	004	412
Explorer® (#,*)	010	412
8600X	005	
8600	005	006

Pace		
510 Digital	004	412
HD Digital	010	412
Pioneer		
Voyager®	004	
BA-V1000, BA-V2000	007	
Tocom		
5503VIP, 5507, 5508		008
Zenith		
MM2500	009	
Digital	013	

\* Supports Explorer® 8000 set-top terminals running Passport™ software with Day ◀ / ▶ functionality in Electronic Program Guide.

### 5. Programming Your TV, VIDEO and AUDIO Devices

#### Code Entry Programming

- Turn on all the electronic devices (TV, VCR, DVD, AUDIO) you want to program the remote to operate.

- Press [SEL], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL → TV → VIDEO → AUDIO → CBL...).

- 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.

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

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

- If the TV does not turn back on, enter a different 3-digit

setup code until your TV turns back on. Then press [SEL] to lock in the code. The power / mode buttons will blink 3-times and go out.

- To program your VCR or DVD, refer to the VCR / DVD Setup Code lists and repeat steps 2 and 3 above.

- 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 13. 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), VIDEO - 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 13) 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 → VIDEO → AUDIO → CBL...).

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

- Turn on all the electronic devices (TV, VCR, DVD, AUDIO) you want to program the remote to operate.

- Press [SEL], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL → TV → VIDEO → AUDIO → CBL...).

- 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.

- Press [MUTE]. If the device that turned off...

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

Or

- 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 → VIDEO → TV → CBL).

Once you have found a code that turns the device on / off, press [SEL] to lock in this code. The power / mode buttons will blink 3-times and go out.

- 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 or TV/DVD Combination

- First, turn on your TV / VCR or TV / DVD combination device and install a VHS tape or DVD.

- Next, program your remote to operate the TV functions of your combination device.

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 combination device.

- Last, program your remote to operate the VCR or DVD functions of your combination device.

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

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

### TV Setup Codes

BRAND	CODE			
<b>Admiral</b>	026	054	211	213
<b>Advent</b>	072	094	425	447
<b>Adventura</b>	047			
<b>Aiwa</b>	214			
<b>Akai</b>	053			
<b>Amark</b>	023	215		
<b>Amstrad</b>	157			
<b>Anam</b>	217	218	219	220 221
	222	223		
<b>AOC</b>	053			
<b>APEX</b>	030	038	427	
<b>Audiovox</b>	220			
<b>Belcor</b>	073			
<b>Bell &amp; Howell</b>	211	213		
<b>Broksnic</b>	165	167		
<b>Brokwood</b>	073			
<b>Candle</b>	068	091		
<b>Centurion</b>	095	107	108	
<b>Citizen</b>	068	091	213	233
<b>Concerto</b>	073	095		
<b>Contec</b>	147			
<b>Coronado</b>	023			

<b>Craig</b>	223				
<b>Crown</b>	023				
<b>Curtis Mathes</b>	016	054	107	108	211
	213				
<b>Daewoo</b>	051	068	073	095	158
	159	189	191	194	196
	197	198	200	202	204
	205	206	207	209	
<b>Daytron</b>	073	095	107	108	
<b>Dell</b>	448				
<b>Dumont</b>	073				
<b>Electro Home</b>	073	095			
<b>Elektra</b>	353				
<b>Emerson</b>	016	023	053	064	103
	139	158	159	164	165
	166	167	168	169	392
	400	401	402	408	415
<b>Envision</b>	073	095			
<b>Fisher</b>	355	356			
<b>Funai</b>	047	048	157	168	211
<b>Gateway</b>	426				
<b>GE</b>	015	018	042	044	049
	054	055	068	073	090
	092	095	101	102	103
	389	390	396	403	406
	407				
<b>Gibraltar</b>	023	048	053	068	073
	090	095	107	108	233
	360				
<b>Goldstar (LG)</b>	023	053	068	073	090
	107	108	233	360	361
	104				
<b>Gradiente</b>	233				
<b>Grundig</b>	443				
<b>Go Video</b>	073	095			
<b>Hall Mark</b>	023	068	095	096	097
<b>Hitachi</b>	098	099	100		
	364				
<b>Inkel</b>	450				
<b>Insignia</b>	039	053	068	073	092
<b>JC Penney</b>	095	102	355		

<b>Jensen</b>	062				
<b>JVC</b>	104	105	106	396	397
	410				
<b>Kawasho</b>	073	095			
<b>KMC</b>	023				
<b>KTV</b>	023	053	233	366	
<b>Konka</b>	445				
<b>Kurazai</b>	211	213			
<b>LG (Goldstar)</b>	023	053	068	073	090
	107	108	233	360	361
<b>Lodgenet</b>	211	213			
<b>Logik</b>	211	213			
<b>Luxman</b>	068	073	095		
<b>LXI</b>	024	026	157	345	355
	388				
<b>Magnavox (Philips)</b>	023	068	071	072	073
	089	090	091	092	093
	094	134	385	387	397
	404				
<b>Majestic</b>	211	213			
<b>Marantz</b>	053	107	108	109	
<b>Megatron</b>	215				
<b>Memorex</b>	090	211	213	355	388
	405				
<b>MGA/Mitsubishi</b>	053	068	073	090	095
	107	108	109	110	216
	384	394	395	398	399
	417				
<b>Montgomery Ward</b>	022	023	026	053	071
	072	108	211	213	
<b>NEC</b>	028	068	090	108	200
<b>Net TV</b>	426				
<b>Orion</b>	019	159	160	161	162
	163	382			
<b>Panasonic</b>	042	043	044	045	046
	429				
<b>Philco</b>	023	053	068	071	072
	091				
<b>Philips(Magnavox)</b>	023	068	071	072	073
	089	090	091	092	093
	094	134	385	387	397

	404				
<b>Pilot</b>	073	094	233		
<b>Pioneer</b>	111	144	383		
<b>Portland</b>	023	068			
<b>ProScan</b>	055	070			
<b>Proton</b>	090	371	372		
<b>Pulsar</b>	073				

Denon	273
Fisher	230 274
Goldstar (LG)	308
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	184 266 437
Philips (Magnavox)	037 084 119 296 433
Pioneer	116 127
Quasar	184
Radio Shack	186 190 266 279 289
RCA	037 119 295
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	302 440
Carver	155 180

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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	063 277 444
LG (Goldstar)	036
Luxman	281
Magnavox	080
Marantz	282 283 284 285
NAD	286
Onkyo	126 171 304
Optimus	142 229 321
Panasonic	032 074 438 441
Parasound	323
Philips (Magnavox)	080
Pioneer	123 137 251 298
Quasar	032
Radio Shack	229 267
Realistic	226 268
RCA	439
Rotel	310
Sansui	283
Sanyo	195
Scott	272
Sharp	294
Sherwood	229 267
Sony	041 057 232 287 442
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

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## 7. 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...

- Press [TV], then [SEL] together until the [TV] button illuminates.
- 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 VIDEO code, press [VIDEO], then [SEL] in step 1, then press [INFO].

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

## 8. 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®

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

## [0] - Turns on / off CBL + TV (default setting)

- Turns on / off CBL + TV and tunes TV to output Channel 3.
- Turns on / off CBL + TV and tunes TV to output Channel 2.
- Turns on / off CBL + TV and tunes TV to output Channel 4.

## [10] - Turns on / off CBL + TV + VIDEO (VCR or DVD)

- Turns on / off CBL + TV + VIDEO and tunes TV to output Channel 3.
- Turns on / off CBL + TV + VIDEO and tunes TV to output Channel 2.
- Turns on / off CBL + TV + VIDEO and tunes TV to output Channel 4.

## [11] - Turns on / off CBL + TV + VIDEO (VCR or DVD) + AUDIO

- Turns on / off CBL + TV + VIDEO + AUDIO and tunes TV to output Channel 3.
- Turns on / off CBL + TV + VIDEO + AUDIO and tunes TV to output Channel 2.
- Turns on / off CBL + TV + VIDEO + AUDIO and tunes TV to output Channel 4.

## [12] - Turns on / off CBL + TV + AUDIO

- Turns on / off CBL + TV + AUDIO and tunes TV to output Channel 3.
- Turns on / off CBL + TV + AUDIO and tunes TV to output Channel 2.
- Turns on / off CBL + TV + AUDIO and tunes TV to output Channel 4.

- 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.

## 9. 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 :

CABLE	TV (default), Cable or Audio.
TV	TV (default), Cable or Audio.

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VIDEO	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...

- Press [CBL], then [SEL] together until the [CBL] button illuminates.
- 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.

## 10. 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:

- Press [MOD], then [CBL] together until the [CBL] button illuminates.
- Enter each channel as follows (ex. assumes 4-digit channel format) :
  - Enter 1<sup>st</sup> channel # - 0001.
  - Press [CH +] to advance to next channel # setting.
  - Enter 2<sup>nd</sup> channel # - 0012.
  - Press [CH +] to advance to next channel # setting.
  - Enter 3<sup>rd</sup> channel # - 0123.
  - Press [CH +] to advance to next channel # setting.
  - Enter 4<sup>th</sup> channel # - 1234.

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- Press [CH +] to advance to next channel # setting.
- Enter 5<sup>th</sup> channel # - 0017.

- 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.

- 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...

- Press [MOD] - Cable set-top terminal tunes to channel 0001.
- Press [MOD] again - Cable set-top terminal tunes to channel 0012.
- Press [MOD] again - Cable set-top terminal tunes to channel 0123.
- Press [MOD] again - Cable set-top terminal tunes to channel 1234.
- Press [MOD] again - Cable set-top terminal tunes to channel 0017.
- 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™ IV 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).

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## 11. 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 VIDEO 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...

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

Note : You can also press [VIDEO] 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.

## 12. Reset

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

- Press [CBL], then [SEL] together until the [CBL] button illuminates.
- 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.

## 13. Additional Programming Information, Troubleshooting, Terms

## Additional Programming Information

- The power / mode buttons will illuminate in slow-rotation (i.e. CBL → TV → VIDEO → AUDIO → CBL...) while the remote

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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.

- 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...

- 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

- 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.

- 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:

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

- [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.

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

- [▼] - 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.

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

- [◀◀] - to "go back" through the codes using the "Rewind"

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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 :

- Press [SEL], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL → TV → VIDEO → AUDIO → CBL...).

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

- 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.

- 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

- 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.

- When the batteries become low and need to be replaced, the [CBL], [TV], [VIDEO], [AUDIO] buttons will not illuminate normally or at all during use, and the remote will no longer operate your devices.

When this occurs, replace the existing batteries with two (2) new AA Alkaline batteries to restore normal operation to the remote. If your remote still does not operate, you may want to check to see if any of the buttons

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are stuck in their "down" position.

- 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.

- 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 → VIDEO → 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, Video, 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 → VIDEO → 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

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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.

## Device Setup Codes

If you find that the setup codes listed above do not operate your devices, it is possible your remote was manufactured before the revision date printed on this Instruction Manual. If this occurs, contact your cable operator and request a newer version of your remote control.

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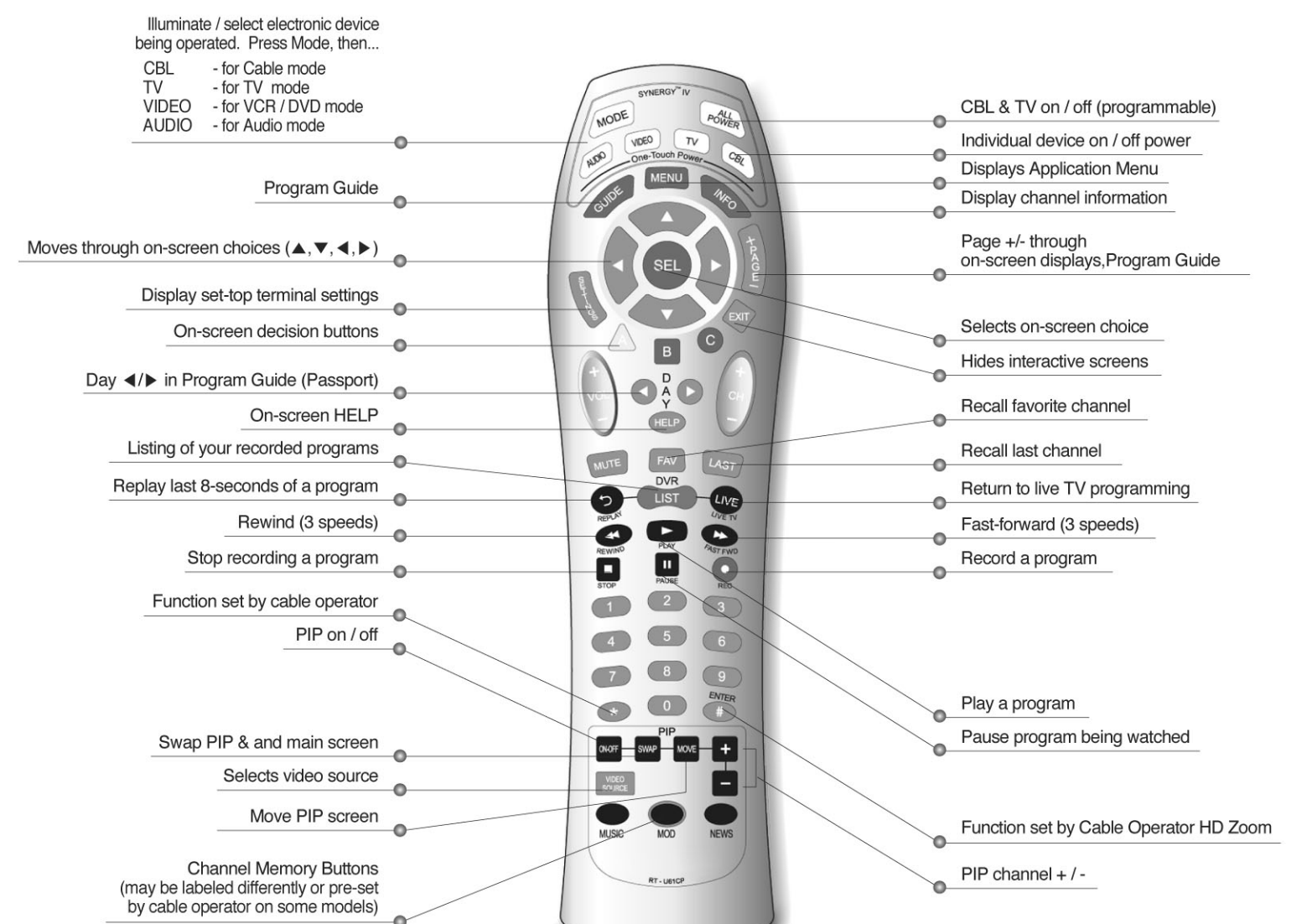
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## 14. Using Your Synergy® IV - Universal / DVR Remote Control

**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.



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