Programming And Operating Instructions

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Synergy® V RT-U61C / RT-U63CP

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

[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.

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.

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048

157 168 211

047

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

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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

- 1. Press [SEL], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL \rightarrow TV \rightarrow 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 [SEL] to lock in the code. The power / mode buttons will blink 3-times and go out.

Cable Setup Codes

Capie Serup Codes		
Motorola		
DCT, CFT2200	002	
CFT 2100, CFT 2000	002	
DCT 62xx series DVR terminals	002	
Jerrold		
DL4, DP(V), DQN(V), DPBB	003	
Scientific Atlanta		
Explorer® 8000 (w/o Day ◀, ▶)	412	
Explorer® 8000 (with Day ◀, ▶)	413*	
Pace		
510 Digital	412	
HD Digital	010	412

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Pioneer	
Voyager™	004
BA-V1000, BA-V2000	007
Samsung	
SMT-H3050	412
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, VCR, DVD and AUDIO Devices

1. Turn on all the electronic devices (TV, VCR, DVD, AUDIO)

Code Entry Programming

- you want to program the remote to operate.
- 2. Press [SEL], 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 [SEL] to lock in the code. The power / mode buttons will blink 3-times and go out.

2. 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

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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 <u>DVD</u> refer to the <u>VCR / DVD Setup</u> 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...).

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

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- 1. Turn on all the electronic devices (TV, VCR, DVD, AUDIO) you want to program the remote to operate.
- 2. Press [SEL], 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 tums off, release the [CH+] button.
- 4. Press [MUTE]. If the device that turned off...
- a. Turns back on, press [SEL] to lock in this code. The power / mode buttons will blink 3-times and go out.
- 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 →

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.

5. Repeat steps 2 to 4 above for each of the remaining electronic devices you wish to program the remote to operate.

Programming Your TV / VCR or TV / DVD Combination

- 1. First, turn on your TV / VCR or TV / DVD combination device and install a VHS tape or DVD.
- 2. 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.

3. Last, program your remote to operate the VCR or DVD functions of your combination device. Using the Code Entry Programming method described in

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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

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.

7. Programming Your TV / VCR / DVD Combination

- 1. First, turn on your TV / VCR / DVD combination device and install a VHS tape and DVD.
- 2. 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

3. Next, program your remote to operate the DVD functions of your combination device.

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 DVD transport functions (Play, Stop, FF, Rew, Pause) of your combination device.

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

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, FF, Rew, Pause, Rec) of your combination device.

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.

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CODE

TV Setup Codes

17 Scrop codes							
BRAND		CC	DE				
Admiral	026	054	211	213			
Advent	072	094	425	447			
Adventura	047						
Aiwa	214						
Akai	053						
Amark	023	215					
Amstrad	157						
Anam	217	218	219	220	221		
- Triani	222	223	_10	LLO			
AOC	053	073	095	108			
APEX	030	038	427	100			
Audiovox	220	191	168	051			
Belcor	073	.01	.50	001			
Bell & Howell	211	213					
BenQ	454	210					
Broksonic	165	167					
Brokwood	073	107					
Candle	068	091					
Centurion	095	107	108				
Citizen	068	091	211	213	233		
Concerto	073	095	211	210	200		
Contec	147	033					
Coronado	023						
Craig	223						
Craig	023						
Curtis Mathes	016	054	107	108	211		
Cui us maures	213	034	107	100	211		
Daewoo	051	068	073	095	158		
Daewoo	159	189	191	194	196		
	197	198	200	202	204		
	205	206	207	209	204		
Daytron	073	095	107	108			
Dell	448	094	072	100			
Dumont	073	034	UIZ				
Electro Home	073	095					
Elektra	353	030					
Emerson	016	023	053	064	103		
Lilicison	139	158	159	164	165		
	166	167	168	169	392		
	400	401	402	408	415		
Envision	073	095	402	400	415		
ESA	454	456					
Fisher	355	456 356					
risiier	355	350					

053

426

107

Marantz

Megatron	215				
Memorex	090	211	213	355	388
Memorex	405	423	210	555	300
MGA / Mitsubishi	053	068	073	090	095
mari / mitoubiom	107	109	110	216	384
	394	395	398	399	417
	108	000	000	000	417
Montgomery Ward	022	023	026	053	071
monigomory ward	072	108	211	213	0, 1
NEC	028	068	090	108	200
Net TV	426	000	000	,,,,	
Norcent	455				
Orion	019	159	160	161	162
	163	382			
Panasonic	042	043	044	045	046
	429				
Philco	023	053	068	071	072
	091				
Magnavox (Philips)	023	068	071	072	073
,	089	090	091	092	093
	094	134	385	387	397
	404	419			
Pilot	073	094	233		
Pioneer	111	144	383		
Polaroid	384	394			
Portland	023	068			
ProScan	055	070			
Prima	072				
Proton	090	371	372		
Protron	457				
Proview	459				
Pulsar	073				
Quasar	044				
Radio Shack	073				
Realistic	022	166	168		
RCA	042	052	053	054	055
_	069	070	416	068	
Sampo	090	108	047	000	004
Samsung	015	016	017	023	031
	090	107	108	134	147
Communi	151	153	386	411	
Sansui	423	424	050	070	077
Sanyo	353	355	356	376	377
Scott	090	108	168	020	000
Sears	023	031	038	039	068
Cham	353 016	355 022	356 023	030 024	025
Sharp	010	022	023	024	025

026

027

028

029 393

	395	409				
Signature 2000	023	026	108	211	213	
Sony	014	020	021	178		
Soundesign	091					
Squareview	157					
Superscan	419					
Supre-Macy	380					
Sylvania	068	071	072	090	091	
,	093	107	108	157	158	
	419	092	456			
Symphonic	047	157				
Tatung	044	446				
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	423	
Totevision	233					
Universal	068	102				
Vidtech	068					
ViewSonic	428					
Vizio	095	454				
Wards	068	090				
White Westinghouse	211	408	449	458	020	
XR-1000	213					
Yamaha	068					
York	090	108				
Zenith	047	048	049	050	051	
	391	405	406	434		
♦ VCR Setup Codes						

BRAND	CODE					
Admiral Aiwa	066 132	075				
Akai	269 354	275	336	351	352	
Audio Dynamics	243	291				
Bell & Howell	238	357				
Broksonic	333	337	358	359		
Canon	086	362				
Citizen	033	172	247	331		

	0.					
Craig	172	363				
Curtis Mathes	086	112	247	291		
Daewoo	033	343	344	345	346	
	347	342	•	0.0		
Daytron	345	365				
DBX	243	291				
Dynatech	132	201				
Emerson	033	086	132	326	331	
LITTETSOTT	332	333	334	335	336	
	337	338	339	340	341	
	342	330	339	340	341	
Fisher		001	057	000	000	
Fisher	035	081	357	363	238	
Funai	132	470	474	470		
GE	086	172		170		
Go Video	348	349	350	331		
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	238				
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				
мтс	132	172				
Montgomery Ward	066	170	173	373		
Multi Tech	132	172	367			
NEC	120	238		291	374	
	375	200	2-10	201	0,4	
Orion	322	326	327	328	329	
J.1011	330	020	OLI	020	OLU	
	000					

Panasonic	112	117	430	086	
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	086		
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	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	238	
Zenith	058	120	122	128	132
	435				

DVD Setup Codes

BRAND

Apex Digital	193	227			
B144	146				
Denon	201	203			
DVD-Video	199				
ECA	156				
GE	150	152	156	175	
Goldstar (LG)	129	135	179	260	
Go-Video	129				
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 (Philips)	138	143	146		
Marantz	270				
Mintek	432				
Mitsubishi	181	185			
NAD	246				
Onkyo	085	244			
Panasonic	115	118	121	124	431
Philips (Magnavox)	138	143	146		
Pioneer	125	187	188		
Proceed	236				
Replay TV	422				
Samsung	192	224	225		
Sharp	034	076	077	079	
Sony	040	059	061	436	
Sylvania	421				
Thomson	156	237			
Toshiba	082	085	087	113	
Yamaha	121	124	210		
Zenith	129	133	135		

Audio Setup Codes

Audio Setup Codes						
BRAND		CC	DE			
(Compa	ct Disc	;			
ADC	318					
Akai	249	261				
Aiwa	176					
Carver	176	155				
Crown	154					
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	433	
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			100	
Quasar	184	,				
Radio Shack	186	190	266	279	289	
RCA	295	037	119	2,0	200	
Sanyo	230	309	110			
SAE	176	000				
Scott	186					
Sharp	288	289				
Sony	067	292	293			
Soundesign	148	242	311	320		
STS	318	272	011	OLO		
Sylvania	084					
Teac	186					
Technics	184	208	317			
Toshiba	290	200	317			
Yamaha	280					
		A !!	<i>C</i>		_	
	eiver /	Ampli	tier			
Adcom	325					
	1					

Aiwa	301				
Akai	142				
Bose	302	440			
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	444		
LG (Goldstar)	036				
Luxman	281				
Magnavox (Philips)	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	463			
Pioneer	123	137	251	298	
Quasar	032				
Radio Shack	229	267			
RCA	439				
Realistic	226	268			
Rotel	310				
Sansui	283				
Sanyo	195				
Scientific Atlanta	312				
Scott	272				
Sharp	294				
Sherwood	229	267			
Sony	041	057	232	287	442
Soundesign	083	880	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 TV setup code...

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

- 1. Press [TV], then [SEL] together until the [TV] button illuminates.
- 2. Press [INFO]. The mode buttons will "blink back" the code numbers, with a 1-second interval between each digit of the code. Please note that for the numeric "0", the mode buttons will illuminate blink in fast- sequence.
- Example: For code "130", the remote will blink 1 time, then 3 times, then in a fast-sequence for the 0.
- To identify the 3-digit VCR code, press [VCR], then [SEL] in step 1, then press [INFO].
- To identify the 3-digit DVD code, press [DVD], 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].

9. ALL SmartKey®

Once you have programmed the remote to operate your electronic devices, you can press the [ALL] SmartKev® 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.
- Enter one of the following options on the keypad of the

[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

[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

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

TV (default), Cable or Audio. VCR

TV (default), Cable or Audio. DVD 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 [SEL] together until the [CBL] button
- 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.

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

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:

For example, to program the [MOD] button to cable channels

1. Press [MOD], then [CBL] together until the [CBL] button

2. Enter each channel as follows (ex. assumes 4-digit

b. Press [CH +] to advance to next channel # setting.

Programming Channel Memory Buttons

1, 12, 123, 1234, 17, follow these steps:

a. Enter 1st channel # - 0001.

can be up to 5-digits

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

Using the above programmed channels as an example... 1. Press [MOD] - Cable set-top terminal tunes to channel

c. Enter 2nd channel # - 0012.

e. Enter 3rd channel # - 0123.

g. Enter 4th channel # - 1234.

i. Enter 5th channel # - 0017.

until the [CBL] button illuminates.

d. Press [CH +] to advance to next channel # setting.

f. Press [CH +] to advance to next channel # setting.

h. Press [CH +] to advance to next channel # setting.

3. Press [MOD] to store the above channels. The [CBL]

time after entering a complete channel number.

button will blink 3-times and go out. To store fewer

than 5 channels, you can press the [MOD] button any

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

- 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

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

12. Video Source

format (ex. 012).

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

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

- 1. Press [VIDEO SOURCE], then [SEL] 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 [SEL] together until the [CBL] button
- 2. Press [0]. The [CBL] button will blink 3 times and go out.

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

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Additional Programming Information

- 1. The power / mode buttons will illuminate in slow-rotation (i.e. $CBL \rightarrow TV \rightarrow VCR \rightarrow DVD \rightarrow AUDIO \rightarrow CBL...)$ 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.

- 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, than the [CH +] or [CH -] as described in Section 5 as
- 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
- the device being programmed will increase or decrease. c. [A] - to "go forward" through the codes using the "CH +"

Note: When you find the correct code, the volume of

d. [▼] - to "go back" through the codes using the "CH -"

function on your devices.

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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 [SEL], 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 slowrotation (i.e. CBL → TV → VCR → DVD → AUDIO →
- 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
- 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. When the batteries become low and need to be replaced, 23

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the [CBL], [TV], [VCR], [DVD] and [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 are stuck in their "down" position.

- 3. 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.
- 4. 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.

<u>Electronic Components / Devices</u> - 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-

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.

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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.

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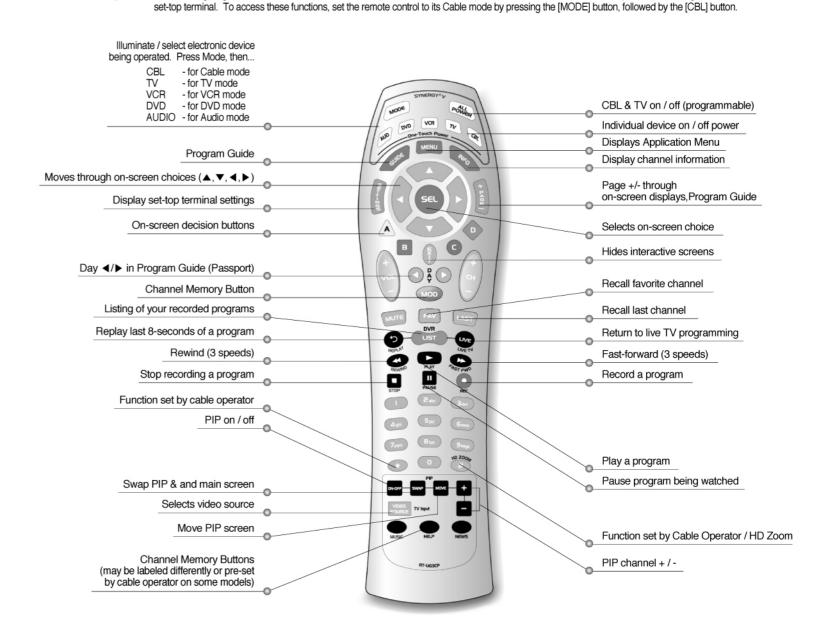
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15. Using Your Synergy® V - Universal / DVR Remote Control

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



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