

# Synergy® V RT-U64CP / RT-U64CD

## Universal / DVR Remote Control



### Programming And Operating Instructions

(Part # 9-544-903)

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### 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:

<b>CABLE</b>	Cable set-top terminals
<b>TV</b>	Televisions
<b>VCR</b>	VCR
<b>DVD</b>	DVD
<b>AUDIO</b>	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. Following the diagram in the battery compartment, carefully insert the "-" end of each battery against the "-" battery terminal first, then insert the "+" end of the battery against the "+" battery terminal.

When the batteries become low and need to be replaced, the [CBL], [TV], [VCR], [DVD], and [AUD] 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 14.

### 4. Programming Your Cable Set-Top Terminal

The RT-U64CP remote control is pre-programmed to operate the Scientific Atlanta Explorer® 8000 digital set-top terminal. The RT-U64CD is pre-programmed to operate the Motorola DCT 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 [SEL/OK], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL → TV → VCR → DVD → AUD → 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/OK] to lock in the code. The power / mode buttons will blink 3-times and go out.

### Cable Setup Codes

<b>Motorola</b>			
DCT, CFT2200		002	
CFT 2100, CFT 2000		002	
DCT 62xx series DVR terminals		002	
<b>Jerrold</b>			
DL4, DP(V), DQ(NV), DPBB		003	
<b>Scientific Atlanta</b>			
Explorer® 8000 (w/o Day ◀, ▶)		412	
Explorer® 8000 (with Day ◀, ▶)		413*	
<b>Pace</b>			
510 Digital		412	
HD Digital		010	412
<b>Pioneer</b>			
Voyager™		004	
BA-V1000, BA-V2000		007	
<b>Samsung</b>			
SMT-H3050		412	

<b>Tocom</b>		
5503VIP, 5507, 5508		008
<b>Zenith</b>		
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

#### Code Entry Programming

1. Turn on all the electronic devices (TV, VCR, DVD, AUDIO) you want to program the remote to operate.
2. Press [SEL/OK], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL → TV → VCR → DVD → AUD → 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/OK] 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/OK] 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 → AUD → 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 [SEL/OK], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL → TV → VCR → DVD → AUD → 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 [SEL/OK] 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 (AUD → DVD → VCR → TV → CBL).

- Once you have found a code that turns the device on / off, press [SEL/OK] 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 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, enter, lock and test each 3-digit VCR or DVD 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.

3. 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.

### 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 device.

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.

### TV Setup Codes

BRAND	CODE			
<b>Admiral</b>	026	054	211	213
<b>Advent</b>	072	094	425	447 463
<b>Adventura</b>	047			
<b>Aiwa</b>	214	071		
<b>Akai</b>	053	462	473	522 524
	547	572	586	
	023	215		
<b>Amark</b>	157			
<b>Anstrad</b>	217	218	219	220 221
<b>Anam</b>	222	223		
<b>AOC</b>	053	573		
<b>APEX</b>	030	038	427	
<b>Astar</b>	462			
<b>Audiovox</b>	191	220	465	
<b>Belcor</b>	073			
<b>Bell &amp; Howell</b>	211	213		

<b>Ben Q</b>	454				
<b>Broksonic</b>	165	167			
<b>Brokwood</b>	073				
<b>Candle</b>	068	091			
<b>Centurion</b>	095	107	108		
<b>Citizen</b>	068	091	211	213	233
<b>Coby</b>	558				
<b>Concerto</b>	073	095			
<b>Contec</b>	147				
<b>Coronado</b>	023				
<b>Craig</b>	223				
<b>Crosley</b>	598				
<b>Crown</b>	023				
<b>Curtis Mathes</b>	016	054	107	108	211
	213	606			
<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>	072	094	448		
<b>Diamond Vision</b>	563				
<b>Dumont</b>	073				
<b>Dynex</b>	167	415	424	567	577
<b>Electro Home</b>	073	095			
<b>Elektra</b>	353				
<b>Element</b>	459	587			
<b>Emerson</b>	016	023	053	064	103
	139	158	159	164	165
	166	167	168	169	392
	400	401	402	408	415
	424	507	567	577	590
<b>Envision</b>	073	095			
<b>ESA</b>	454	456	538		
<b>Fisher</b>	355	356			
<b>Fujitsu</b>	460	469	560		
<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
<b>Gradiente</b>	104				

<b>Grundig</b>	233				
<b>Go Video</b>	443				
<b>Haier</b>	053	073	095	108	427
	519	587	573	596	
<b>Hall Mark</b>	073	095			
<b>Hitachi</b>	023	068	095	096	097
	098	099	100		
<b>HP</b>	072				
<b>Hyundai</b>	453				
<b>iLO</b>	524	586			
<b>Initial</b>	470				
<b>Inkel</b>	364				
<b>Insignia</b>	167	415	424	450	456
	461	462	523	524	567
	577	586			
<b>JC Penney</b>	039	053	068	073	092
	095	102	355		
<b>Jensen</b>	062	461			
<b>JVC</b>	104	105	106	396	397
	410	589			
	073	095			
<b>Kawasho</b>	445	589			
<b>KMC</b>	023				
<b>Konka</b>	445	589			
<b>Kosch</b>	462				
<b>KTV</b>	023	053	233	366	
<b>Kurazai</b>	211	213			
<b>Legend</b>	169				
<b>LG (Goldstar)</b>	023	053	068	073	090
	107	108	233	360	361
	424	567	577	587	
<b>Lodgenet</b>	211	213			
<b>Logik</b>	211	213			
<b>Luxman</b>	068	073	095		
<b>LXI</b>	024	026	157	355	388
<b>MAG</b>	459				
<b>Magnavox</b>	023	068	071	072	073
	089	090	091	092	093
	094	134	385	387	397
	404	419	463	470	472
	549	594	595		
<b>Majestic</b>	211	213			