

RT-200

Universal Cable +TV Remote Control



Programming and Operating Instructions

(Part # 9-544-907)

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1. Introduction

Your remote control is simple to program, easy to use, and can operate two (2) devices, which include:

- CABLE TV** Cable set-top terminals Televisions

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

Follow the instructions in Section 3 & 4 below to program your Cable & TV devices.

2. Installing / Replacing Batteries

Install two (2) new "AAA" batteries as indicated by the diagram in the battery compartment.

When the CBL or TV power buttons become dim or no longer illuminate during use, install two (2) new "AAA" size batteries.

Your remote control has Memory Guard®, which eliminates reprogramming after battery changes provided new batteries are installed within 12 hours after removal of old batteries.

3. Programming Your Cable Set-Top Terminal

Your remote control supports the newest set-top terminals from your Cable TV provider, but may come pre-programmed to a specific brand.

To program your remote to operate your Cable set-top terminal, look up the brand and model in the Cable Setup Code list. If you are not sure of your brand and model, contact your Cable TV provider.

Programming your CABLE Set-top Terminal

1. Press [OK] or [SEL / OK], then [MUTE] buttons together until the [TV] and [CBL] buttons illuminate.
2. From the Cable Setup Code list, locate and enter the 4-digit code for your brand and model.

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3. Press [OK] or [SEL / OK] to lock in code. The [TV] and [CBL] buttons will blink and go out. Write your CABLE setup code _____

Cable Setup Codes

Brand	Model	Code
Motorola	DCX	0002
	DCT	0002
	UDTA	0002
Cisco	8xxx series	0413
Pace	DVR	0002
Evolution		0005

4. Programming Your TV

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.

Programming Your TV by Code Entry Method

1. Turn on the TV you want your remote to operate.
2. Press [OK] or [SEL / OK], then [MUTE] buttons together until the [TV] and [CBL] buttons illuminate.
3. a. Locate the 1ST 4-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 TV code will cause your TV to turn off.
If multiple codes are listed for your brand, you may have to enter several codes until your TV turns off.
- b. As soon as you enter a 4-digit code that turns your TV off, press [MUTE].
1. If your TV turns back on, press [OK] or [SEL / OK] to lock in the code. The [TV] and [CBL] buttons will blink and go out.

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2. If your TV does not turn back on, enter a different 4-digit code until your TV turns back on. Then press [OK] or [SEL / OK] to lock in the code. The [TV] and [CBL] buttons will blink and go out.

Programming Your TV by Point and Press® Method

1. Turn on the TV you want your remote to operate.
2. Press [OK] or [SEL / OK], then [MUTE] buttons together until the [TV] and [CBL] buttons illuminate.
3. Press and hold the [CH +] button until your TV turns off. While you are pressing the [CH +] button, the [TV] and [CBL] buttons will blink. As soon as your TV turns off, release [CH +].
4. Press [MUTE]. If your TV...
 - a. Turns back on, press [OK] or [SEL / OK] to lock in the code. The [TV] and [CBL] buttons will blink and go out.
 - b. Does not turn back on, press [CH -] one step at a time until your TV turns back on. Each time you press the [CH -] button, the [TV] and [CBL] buttons will blink.
Once you have found a code that turns your TV on / off, press [OK] or [SEL / OK] to lock in the code. The [TV] and [CBL] buttons will blink and go out.

5. Volume Control

When you first program your remote, volume and mute are controlled through your TV, so whenever you press the VOL +/- or MUTE buttons, the TV button will illuminate.

To control volume / mute through your Cable set-top terminal, follow these steps :

1. Press [CBL], then [OK] or [SEL / OK] buttons together until the [CBL] button illuminates.
2. Press [VOL +], then [CBL] for cable set-top volume. The [CBL] button will blink and go out.
Note : Under this setting, the [CBL] button will

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illuminate whenever the VOL +/- and MUTE buttons are pressed.

To program volume control back to your TV, follow these steps :

1. Press [CBL], then [OK] or [SEL / OK] buttons together until the [CBL] button illuminates.
2. Press [VOL +], then [TV] for TV volume. The [TV] button will blink and go out.

6. All Power

To program the [CBL] button to turn your Cable set-top terminal and TV on / off with one button press, follow these steps :

1. Press [CBL], then [MENU] buttons together until the [CBL] button blinks two times.
The [CBL] button will now send the cable set-top power signal immediately followed by the TV power signal.

To reset the [CBL] button to turn on / off only your Cable set-top terminal, repeat steps 1 - 2 above.

7. Input

The [INPUT] button changes the input source of your electronic devices. In the remote's default setting, this button changes the input source (Input 1, Input 2....) on your TV.

To program [INPUT] to operate the input function on your Cable set-top terminal, follow these steps :

1. Press [INPUT], then [OK] or [SEL / OK] buttons together until the [CBL] button illuminates.
2. Press [CBL]. The [CBL] button will blink and go out.

To program [INPUT] to operate the input function on your TV, follow these steps :

1. Press [INPUT], then [OK] or [SEL / OK] buttons together until the [CBL] button illuminates.
2. Press [TV]. The [TV] button will blink and go out.

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8. Code Number Readback

To identify the 4-digit TV setup code stored under the Point and Press® method....

1. Press [TV], then [OK] or [SEL / OK] buttons together until the [TV] button illuminates.
2. Press [INFO] to identify your TV setup code. The [TV] button will "blink back" the code numbers, with a 1-second interval between each digit of the code.

Example : For code "0035", the [TV] button will blink 6 times rapidly, 6 times rapidly, then 3 times slowly, then 5 times slowly.

9. Resetting Your Remote Control

To reset your remote control to its default settings, follow these steps :

1. Press [CBL], then [OK] or [SEL / OK] buttons together until the [CBL] button illuminates.
2. Press [1]. The [CBL] button will blink and go out.

10. Helpful Tips and Troubleshooting

1. 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.
2. The [TV] and [CBL] power buttons will illuminate while the remote is in a programming mode. In the absence of an entry, these buttons will go out after 30-seconds.
When locking in your devices, the [TV] and [CBL] power buttons will blink and go out.
3. When using the Point and Press® programming method, you may find a code that turns your TV off but not back on. If this happens...
 - a. The correct code has not been found. Continue pressing [CH +] until your TV turns on and off.
 - OR
 - b. You may have gone past the correct

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matching code. Try pressing [CH -] one step at a time until you find a code that turns your TV on.

4. Time Out - If the same button is pressed and held for 30-seconds, your remote control will turn itself off automatically. This extends battery life should the remote become lodged under or between heavy objects, for example sofa cushions.
5. If you have any questions concerning the operation of your Cable set-top terminal, contact your Cable operator.

Rev. 08/11

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TV Setup Codes

BRAND	CODE				
Abex	0016				
Acer	0454	0782			
Admiral	0026	0027	0028	0029	0054
	0211	0213	0408		
Advent	0047	0072	0094	0425	0447
	0463				
Adventura	0047				
Aiko	0015	0051	0391		
Aiwa	0214 0471				
Akai	0020	0031	0053	0462	0473
	0522	0524	0547	0572	0586
Alleron	0211 0395				
Amark	0023 0215				
Ambassador	0159				
America Action	0168				
Amstrad	0157				
Amtron	0168	0400			
Anam	0044	0168	0217	0218	0219

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	0220	0221	0222	0223	0400
	0403				
Anam International	0403				
AOC	0053	0073	0108	0384	0455
	0573	0587			
Apex	0030	0038	0427	0462	0599
Apex Digital	0866				
Astar	0462				
Audiovox	0168	0191	0220	0400	0465
	0659				
Auria	0072				
Baysonic	0168				
Belcor	0073				
Bell & Howell	0211	0213	0355	0388	0736
Ben Q	0454 0820				
Bradford	0168 0400				
Brilliant	0792				
Broksonic	0165	0167	0169	0423	0434
	0809				
Brokwood	0073				
Candle	0068	0073	0091	0108	0385
	0573	0587			
Carver	0072 0405 0729				
Celebrity	0020				
Centurian	0095 0107 0108				
Changhong	0030				
Cineral	0391	0408			
Citizen	0015	0023	0051	0068	0073
	0091	0108	0168	0211	0213
	0233	0355	0385	0388	0391
	0400	0573	0587	0741	
Coby	0073	0095	0459	0462	0558
	0873				
Colortyme	0730				
Clairtone	0051				
Concerto	0073	0095	0108	0573	0587
Contec/Cony	0039	0147	0168	0233	0400
	0732				
Coronado	0023				
Craig	0168	0217	0218	0220	0223
	0400	0577	0786	0874	
Crosley	0072 0405 0598 0729				
Crown	0023				
Curtis Mathes	0016	0023	0031	0054	0070
	0072	0073	0107	0108	0211
	0213	0355	0388	0405	0462
	0573	0587	0606	0729	0736
	0741	0759	0777		
Curtis	0462				

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CXC	0168	0400			
Daewoo	0051	0068	0073	0095	0158
	0159	0189	0191	0194	0196
	0197	0198	0200	0202	0204
	0205	0206	0207	0209	0408
	0737	0741	0793		
Daytek	0583	0833	0834		
Daytron	0023	0073	0095	0107	0108
	0573	0587	0741		
Dimensia	0759				
Dell	0072	0094			
Denon	0097				
Diamond Vision	0563				
Digital Lifestyles	0887				
Digital Research	0887				
Disney	0577				
Dumont	0049	0073	0108	0573	0587
Durabrand	0157	0577	0868		
Dynex	0167	0415	0424	0567	0577
	0858				
Dwin	0027				
Electro Home	0020	0044	0073	0095	0108
	0403	0573	0587	0739	
Electroband	0020				
Elektra	0353				
Element	0073	0459	0587	0870	0888
Emerson	0507	0595	0016	0021	0023
	0031	0047	0053	0064	0073
	0100	0103	0108	0139	0158
	0159	0164	0165	0166	0167
	0168	0169	0189	0191	0211
	0233	0355	0387	0392	0395
	0400	0401	0402	0403	0408
	0415	0424	0456	0567	0573
	0577	0587	0590	0731	0734
	0736	0741	0743	0744	0745
	0746	0748	0750	0751	0754
	0757	0760	0761	0764	0786
Envision	0073	0095	0108	0573	0587
ESA	0454	0456	0538		
Favi	0756				
Fisher	0104	0355	0356	0388	0736
Fujitsu	0211	0395	0460	0469	0560
	0776	0813			
Funai	0047	0048	0157	0168	0211
	0395	0400			
Futuretech	0168	0400			
Gateway	0426	0533			
GE	0015	0018	0042	0044	0045

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	0049	0054	0055	0068	0069
	0070	0073	0090	0092	0095
	0101	0102	0103	0108	0211
	0213	0389	0390	0396	0397
	0403	0406	0407	0573	0587
	0739	0742	0755	0759	0806
Gibraltar	0023	0048	0049	0053	0068
	0073	0090	0095	0107	0108
	0233	0360	0361	0573	0587
Go Video	0443	0562			
Goldstar	0023	0053	0068	0073	0090
(LG)	0107	0108	0233	0360	
	0361	0424	0567	0577	0587
	0823	0825			
GPX	0889				
Gradiente	0104				
Grundig	0233				
Grunpy	0023	0047	0073	0095	0108
	0233	0360	0361	0384	0573
	0587				
Haier	0020	0053	0073	0095	0108
	0427	0519	0573	0587	0596
Hall Mark	0073	0095	0108	0573	0587
Hannspre	0867				
Harley Davidson	0211				
Harman/Kardon	0729				
Harvard	0168	0400			
HCT	0868				
Hi-Sense	0072	0870			
Hitachi	0023	0039	0068	0073	0095
	0096	0097	0098	0099	0100
	0108	0233	0393	0573	0587
	0732	0750	0753	0756	0787
	0796	0801	0803	0808	0814
	0815	0817	0819	0821	
Hiteker	0884				
Honeywell	0886				
HP	0072				
Hyundai	0453				
iLO	0456	0470	0524	0577	0586
	0602				
iSymphony	0031				
IMA	0168	0400			
Infinity	0072	0405	0729		
Initial	0470	0537			
Inkel	0364				
Insignia	0167	0169	0415	0424	0450
	0456	0461	0462	0482	0523
	0524	0567	0577	0586	

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Janeil	0380				
JBL	0072	0405	0729		
JCB	0020				
JC Penney	0023	0038	0039	0045	0053
	0068	0073	0091	0092	0095
	0102	0108	0355	0361	0384
	0385	0389	0390	0573	0587
	0739	0741	0742	0755	0759
	0767	0795			
JCH	0020				
Jensen	0062	0073	0108	0461	0573
	0587				
JVC	0039	0045	0104	0105	0106
	0233	0396	0397	0410	0474
	0589	0728	0732	0742	0753
	0763	0766	0872		
Kawasho	0020	0073	0095	0108	0573
	0587				
Kenwood	0053	0073	0095	0108	0573
	0587				
Kloss Novabeam	0071	0168	0400	0404	
KMC	0023				
Konka	0065	0445	0589		
Kosch	0462				
KTV	0023	0053	0064	0168	0233
	0366	0400	0741	0770	
	0211	0213			
Kurazai	0169				
Legend	0023	0053	0068	0073	0090
LG	0095	0107	0108	0233	0360
(Goldstar)	0361	0384	0424	0567	0577
	0587	0875	0876		
Lodgenet	0211	0213			
Logik	0211	0213			
Luxman	0068	0073	0095	0108	0573
	0587				
LXI	0024	0026	0027	0028	0029
	0038	0055	0069	0070	0072
	0157	0355	0388	0405	0725
	0729	0736	0755	0759	0773
MAG	0459				
Magnavox	0023	0044	0068	0071	0072
(Philips)	0073	0089	0090	0091	0092
	0093	0094	0095	0108	0134
	0233	0385	0387	0390	0397
	0398	0403	0404	0405	0419
	0423	0426	0447	0456	0459
	0463	0470	0472	0523	0533
	0549	0594	0595	0605	0729

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	0740	0783	0810	0865	0877
	0878	0879			
Majestic	0211	0213			
Marantz	0053	0072	0073	0097	0098
	0107	0108	0109	0405	0573
	0587	0729	0778		
Matsui	0582	0583	0585		
Matsushita	0046				
Maxent	0426	0533	0534		
McIntosh	0555				
Megatron	0215				
MEI	0051				
Memorex	0090	0211	0213	0355	0384
	0388	0405	0423	0447	0459
	0736				
MGA	0053	0068	0073	0090	0095
	0104	0107	0108	0109	0110
	0216	0384	0394	0395	0398
	0399	0417	0573	0587	0739
	0109	0739	0790		
Mitsubishi	0053	0068	0073	0090	0095
	0104	0107	0108	0109	0110
	0216	0384	0394	0395	0398
	0399	0417	0573	0587	0739
	0109	0739	0790		
Midland	0023	0045	0049	0396	0049
	0741	0742	0755		
Mintek	0470				
Minutz	0102				
Montgomery Ward	0022	0023	0026	0027	0028
	0029	0053	0071	0072	0108
	0211	0213			
Motorola	0026	0027	0028	0029	0044
	0403				
MTC	0016	0031	0073	0102	0108
	0159	0384	0385	0573	0587
Multitech	0168	0400			
Multivision	0738				
NAD	0023	0773	0787		
NEC	0028	0029	0044	0068	0073
	0090	0108	0200	0384	0403
	0464	0573	0587	0730	
Net TV	0426	0822			
Nikko	0015	0051	0391		
Norcent	0455	0472			
NuVision	0831	0832			
NTC	0015	0051	0391		
Olevia	0073	0541	0108	0519	0587
Onwa	0168	0400			

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Optimus	0787				
Optonica	0022	0026	0027	0028	0029
Orion	0019	0159	0160	0161	0162
	0163	0382	0423	0424	0558
	0577				
Panasonic	0046	0042	0043	0044	0045
	0403	0419	0423	0429	0631
	0742	0771	0829		
Penney	0016	0038	0045	0068	0073
	0102	0519			
Philco	0023	0044	0053	0068	0071
	0072	0073	0091	0093	0095
	0108	0233	0384	0385	0403
	0404	0405	0463	0573	0587
	0729				
Philips	0023	0044	0068	0071	0072
(Magnavox)	0073	0089	0090	0091	0092
	0093	0094	0095	0108	0134
	0233	0385	0387	0390	0397
	0398	0403	0404	0405	0419
	0423	0426	0447	0456	0459
	0463	0470	0472	0523	0533
	0549	0594	0595	0605	0729
	0740	0783	0810	0865	0877
	0878	0879			
Pilot	0023	0073	0094	0108	0233
	0573	0587	0741		
Pioneer	0019	0073	0100	0108	0111
	0144	0383	0551	0573	0587
	0597	0747	0750	0780	0785
	0787	0789	0826	0864	0865
Planar	0474				
Plasmasync	0778				
Polaroid	0384	0394	0459		