

CheckMate™ III Model RT-U46C Universal Remote Control



Programming And Operating Instructions

To have a clearer idea of the features and capabilities of your remote control, take a moment to read these instructions. Save for future reference.

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1. Introduction

Your CheckMate™ III (Model RT-U46C) universal remote control is simple to program, easy to use, and can operate up to three (3) devices, which include:

CABLE TV VIDEO	Cable set-top terminals Televisions VCR, DVD
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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

Let's you program your TV and VCR devices without codes. For more information, see sections 5 and 6.

[VCR / VOD] Toggle

"Toggles" the VCR buttons between cable Video-On-Demand (VOD) and VCR / DVD functions. For more information, see section 13.

Smartkeys™

Program multiple button presses on the [CBL] and [TV] buttons. For more information, see section 8.

Time Out

Shuts off remote if any button is pressed and held for 45 seconds. This extends battery life in the event the remote becomes lodged under or between heavy objects

Reset

Lets you reset your remote to its original default settings. For more information, see section 11.

[Movies], [Sports], [News]

Program your favorite channels on the "Movies", "Sports" and "News" buttons. For more information see section 9.

For Motorola DCT® or CFT2200 cable set-top terminals, these buttons are pre-programmed and labeled [PPV / LOCK], [*HELP], [MUSIC].

3. Installing / Replacing Batteries

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

When the indicator light becomes dim or no longer illuminates during use, install two (2) new "AA" size batteries.

Your remote control has Memory Guard™, which eliminates reprogramming after battery changes.

4. Programming Your Cable Set-Top Terminal

Model RT-U46C is pre-programmed to operate the Scientific-Atlanta Explorer®, Pioneer Voyager® and Pace 510 digital set-top terminals.

To operate a different 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 company.

To program your cable set-top terminal...

1. Turn on your cable set-top terminal.
2. Press [CBL], then [SELECT] together - hold both buttons down until indicator light illuminates.
3. From the Cable Setup Code list, locate and enter the 3-digit code for your brand and model.
4. Press [CBL] to lock in the code. The indicator light will blink and go out.

Write your cable set-top terminal brand & setup code _____.

Cable Setup Codes

Motorola (General Instrument)	
DCT, CFT 2200	001
CFT2100, CFT2000	002
Jerrold	003
DL4, DP(V), DQN(V), DPBB	
Scientific Atlanta	
Explorer	004
Explorer(#, *)	015
Explorer(Blue Ridge)	016
Explorer(WorldGate™)	018
8600X	005
8600	006
8540, 70, 90	007
Pace	
510 digital	004
Phillips	
digital	017
Pioneer	
Voyager	004
BC-4600, BA-6000	008
BA-9000	009
BA-V1000, BA-V2000	010
Tocom	
5503VIP, 5507, 5508	011
Zenith	
Z-Tac	012
MM2500	013
Oak	
Sigma One, P1, P2, P3	014
Sigma 2000	

5. 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.

To program your TV...

1. Turn on your TV.
2. Press [TV], then [SELECT] together - hold both buttons down until the indicator light illuminates.
3. a. Press and hold [CH+] until your TV turns off. As soon as your TV turns off, release [CH+] **1**.
OR
b. From the TV Setup Code list, locate and enter a 3-digit code for your brand. If multiple codes are listed, you may have to enter several 3-digit codes until your TV turns off.
4. Press [MUTE]. If your TV turns back on, press [TV] to lock in the code. The indicator light will blink and go out.

If your TV does not turn back on, repeat steps 3 and 4 until you can turn your TV off and on.

Write your TV brand & setup code _____.

Refer to section 10 for code number readback.

1 Note when using the Point and Press™, Programming method (step 3a). If you find a code that turns your TV off but not back on (step 4), you may have gone past the correct matching code. Try pressing [CH-] one step at a time until you find a code that turns your TV back on.

To program your TV / VCR combination unit...

1. First, program your remote for the TV functions.
Following the steps in this section, find a TV Setup Code that operates the TV functions of your TV/VCR (power, vol+/-, mute, ch+/-, 0-9).
2. Then, program your remote for the VCR functions.

Following the steps in Section 5 for code number entry, enter, lock and test each 3-digit VCR Setup Code until a code is found that operates the VCR functions of your TV / VCR (play, stop, fast-forward, rewind, pause, record).

Note: You can not use the Point and Press™ Programming method to program the VCR functions of the TV / VCR.

TV Setup Codes

Admiral	058 061 062 067
Adventura	004
Akai	065
Aiwa	135
Amark	007 086
Ampro	112
Amstrad	006
Anam	088 089 093 111 120 125 134
AOC	065
Audio Vox	111
Belcor	041
Bell & Howell	062
Broksonic	011 054
Brokwood	041
Candle	027 052
Centurion	044 051
Citizen	027 052 059 062
Concerto	041 051
Contec	020
Coronado	007
Craig	134
Crown	007
Curtis Mathes	044 061 062
Daewoo	027 039 040 041 042 051 090 091 092 094 101 102 108 114 118 121 123 130
Daytron	041 044 051
Dumont	041
Electro Home	041 051
Elektra	002
Emerson	007 008 011 012 017 054 065 079 108 110 131
Envision	041 051
Fisher	010 028
Funai	004
GE	005 019 027 031 037 041 046 051 053 055 061 070 131
Gibraltar	007 025 027 031 041 044 051 059 060 065
Goldstar(LG)	007 027 031 041 044 059 060 065 124
Grundig	059
Hall Mark	041 051
Hitachi	007 027 049 051 083 085 098 100
Inkel	075
JC Penney	005 010 027 037 041 051 065 069 070
JVC	048 077 080 132
Kawasho	041 051
KMC	007
KTV	007 030 059 065
Kurazai	062
Lodgenet	062
Logik	062
Luxman	027 041 051

LXI	006 035 067
Magnavox(Philips)	001 005 007 014 026 027 041 052 068 081 062
Majestic	062
Marantz	003 065 076
Megatron	086
Memorex	010 031 062
MGA/Mitsubishi	003 027 031 041 044 051 065 076 084
Montgomery Ward	007 037 044 057 058 062 065 067 081
NEC	023 027 031 044 101
Orion	013 017 033 045 047 078
Panasonic	018 019 021 024 053 063
Philco	001 007 027 052 065 081
Philips(Magnavox)	001 005 007 014 026 027 041 052 068 081
Pilot	041 059 097
Pioneer	056 103
Portland	007 027
ProScan	055 061 073 082 112
Proton	031 126 128
Pulsar	041
Quasar	019
Radio Shack	041
Realistic	012 057 079
RCA	022 027 046 053 055 061 065 072 073 082 031 044
Sampo	031 044
Samsung	007 016 020 031 044 119 129
Sanyo	002 010 028 104 133
Scott	031 044 079
Sears	002 007 010 016 027 028 043 069
Sharp	007 009 023 035 057 064 067 096
Signature 2000	007 044 058 062 067
Sony	032 038 050 066
Soundesign	052
Squareview	006
Supre-Macy	071
Sylvania	001 005 006 026 027 031 044 052 081 108
Symphonic	004 006
Tatung	019
Techwood	027
Teknika	001 007 027 052 062 079
Telerent	007 062
TMK	027 031
Tera	127
Toshiba	016 029 043 069
Totevision	059
Universal	027 070
Vidtech	027
Wards	027 031
White Westinghouse	058
XR-1000	062
Yamaha	027
York	031 044
Zenith	004 015 025 034 036

6. Programming Your VCR or DVD (Video device)

To program your VCR or DVD...

1. Turn on your VCR or DVD.
2. Press [VIDEO], then [SELECT] together - hold both buttons down until the indicator light illuminates.
3. a. Press and hold [CH+] until your VCR or DVD turns off. As soon as your VCR or DVD turns off, release [CH+] **1**.
OR
b. From the VCR - DVD Setup Code list, locate and enter a 3-digit code for your brand. If multiple codes are listed, you may have to enter several 3-digit codes until your VCR or DVD turns off.
4. Press [MUTE]. If your VCR or DVD turns back on, press [VIDEO] to lock in the code. The indicator light will blink and go out.

If your VCR or DVD does not turn back on, repeat steps 3 and 4 until you can turn your VCR or DVD off and on.

Write your VCR / DVD brand & setup code _____.

Refer to section 10 for code number readback.

1 Note when using the Point and Press™, Programming method (step 3a). If you find a code that turns your VCR / DVD off but not back on (step 4), you may have gone past the correct matching code. Try pressing [CH-] one step at a time until you find a code that turns your VCR / DVD back on.

VCR Setup Codes

Admiral	014 056
Adventura	025
Aiwa	025 106
Akai	011 021 051 092 098 103
Audio Dynamics	007 044
Bell & Howell	005 024
Broksonic	009 048 053 064
Canon	008 034 105
Citizen	002 006 028 060
Colortyme	044
Craig	028 030
Curtis Mathes	008 013 034 044 060
Daewoo	006 010 012 057 058 112 114 116
Daytron	055 058
DBX	007 044
Dynatech	025 106
Emerson	002 003 006 008 009 022 033 040 049 051 064 091 101 106 107 109
Fisher	005 015 024 030 052
Funai	025 106
GE	008 027 028 034 041
Go Video	019 043 063
Goldstar(LG)	002 060

Harman/Kardon	044
Hitachi	025 046 059 106 113
Instant Replay	008 017 034
JC Penney	005 008 017 028 034 044 046
JVC	004 005 007 038 026 060 095 102
JCL	008
Kenwood	004 005 007 060 106
Logik	042
Lloyd	025 106
LXI	002 025 106
Magnavox	008 025 034 036 106
Marantz	005 008 036 044 060
Marta	002
Matsui	094
Memorex	002 005 025 030 034 104 106 110
Mitsubishi	023 029 031 047 106
MTC	025 028 106
Montgomery Ward	014 025 027 034 037 062
Multi Tech	025 028 042 106
NEC	004 005 007 044 070 071
Orion	022 049 065 066 067 068
Panasonic	008 013 034 099
Pentax	046
Philco	008 034 036 106
Philips	008 017 034 036 106
Pioneer	004 045 046
Portland	058
ProScan	027 041
Quasar	013 034
Quartz	005 009
RCA	001 008 016 017 027 028 037 041 046 106
Realistic	005 014 025 030 034 106
Samsung	021 028 039 098 108 111
Sansai	042
Sansui	004 093
Sanyo	005 024 114
Sayyo	030
Scott	003 006 031 042
Sears	002 005 015 030 046
Sharp	014 056
Shintom	042
Signature 2000	014 025 027 037 062
Sony	032 035 050
Soundesign	106
Sylvania	008 016 017 025 034 036 047 054 065 073
	074 106
Symphonic	025 106
Tandy	005 025 106
Tashiko	002
Tatung	007
Teac	007 025 106
Technics	008
Teknika	002 053 106
Thomas	106
TMK	091
Toshiba	006 015 046 052 096
Totevision	002 028

Unitech	028
Vector Research	031 044
Video Concepts	044 106
Wards	002 014 025 028 060 106
XR-1000	042
Yamaha	005 007 044 106
Zenith	004 018 035 038 061 106

DVD Setup Codes

Denon	076
GE	077 078
Hitachi	117
JVC	079
KLH	118
LG	079
Magnavox	081 082
Mitsubishi	083
Panasonic	084
Pioneer	085
Samsung	086
Sharp	119
Sony	087
Thomson	120
Toshiba	088
Yamaha	089
Zenith	089

7. Programming Volume Control

When you first program your remote, volume and mute are controlled through your TV.

To control volume / mute through your cable set-top terminal:

1. Press [CBL], then [SELECT] together - hold both down until the indicator light illuminates.
2. Press [VOL+], then [CBL] for cable volume. The indicator light will blink and go out.

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

8. Your Remote's Smartkeys™

Your remote has two (2) Smartkeys™ [CBL] and [TV]. Each Smartkey™ can be programmed so whenever it's pressed, it can transmit up to 12 individual button presses in sequence.

Programming and using the [CBL] Smartkey™

The [CBL] button normally turns on / off your cable set-top terminal. You can also program this Smartkey™ so whenever it is pressed, it will turn on your cable set-top terminal and TV, then tune the TV to a specific channel with one button press.

1. Press [CBL], then [SETTINGS] together-hold both down together until the indicator light illuminates.

2. In this order, press [CBL], [TV], [0], [3]. The indicator light will blink and remain illuminated.
3. Press [CH+] to lock in this setting. The indicator light will blink and go out.

To return the [CBL] button to its normal default setting, repeat step 1, then press [CH-].

Programming and using the [TV] Smartkey™

The [TV] button normally turns on / off your TV. You can also program this Smartkey™ so whenever it is pressed, it will turn on your TV, then tune your TV to channel 3 with one button press.

1. Press [TV], then [SETTINGS] together - hold both down together until the indicator light illuminates.
2. In this order, press [TV], [0], [3]. The indicator light will blink and remain illuminated.
3. Press [CH+] to lock in this setting. The indicator light will blink and go out.

To return the [TV] button to its normal default setting, repeat step 1, then press [CH-].

Note : When using any Smartkey™ to transmit a series of button presses, be sure to keep your remote aimed at the devices to ensure all functions are received in their entirety.

9. Programming [MOVIES], [NEWS], [SPORTS]

Each of these buttons can be programmed to store a favorite cable channel.

For example, to program the [MOVIES] button to cable channel 53...

1. Press [CBL], then [MOVIES] together - hold both down until the indicator light illuminates.
2. Press [0], [5], [3]. (enter CH. # in 3-digit format) ❶
3. Press [MOVIES] to store this channel. The indicator light will blink and go out.

Programming the [SPORTS] or [NEWS] buttons is the same general procedure as above.

❶ May also be 4-digit (or 5-digit) format. The exact # of digits you need to enter depends on how your cable operator has setup your cable set-top terminal.

For Motorola DCT® or CFT2200 set-top terminals, these buttons are pre-programmed and labeled [PPV / LOCK], [*HELP], [MUSIC].

10.Code Number Readback

To identify the 3-digit TV setup code stored under the Point and Press™ method...

1. Press [TV], then [SELECT] - hold both down until the indicator light illuminates.

2. Press [INFO] to identify your TV setup code. The indicator light will "blink back" the code numbers, with a 1-second interval between each digit of the code.

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

To identify the 3-digit Cable setup code, press [CBL] then [SELECT] in step 1 above, then press [INFO].

To identify the 3-digit Video (VCR or DVD) setup code, press [VIDEO], then [SELECT] in step 1 above, then press [INFO].

11. Resetting Your Remote Control

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

1. Press [CBL], then [SELECT] - hold both down until the indicator light illuminates.
2. Press [SETTINGS], then [SETTINGS] again. The indicator light will blink and go out.

12. 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 indicator light will remain on while the remote is in a programming mode. In the absence of an entry, the light will go out after 45 seconds.

When locking in your devices, the indicator light will blink and go out.

3. When using the Point and Press™, programming method, you may find a code that turns your device off but not back on. If this happens...

- a. the correct code has not been found. Continue pressing [CH+] until your devices turn on and off. OR
- b. you may have gone past the correct matching code. Try pressing [CH-] one step at a time until you find a code that turns your cable set-top terminal back on.

4. If you have any questions concerning the operation of your cable set-top terminal, contact your cable operator.

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