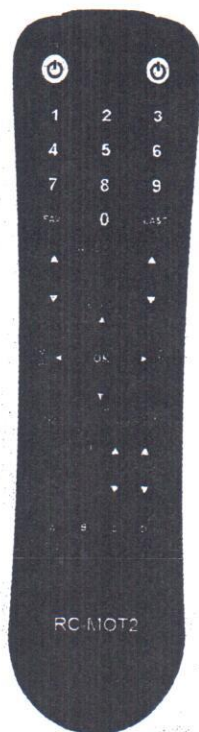


Instruction Manual

RC-MOT2 2-in-1 Remote Control



Your RC-MOT2 Remote control is designed to operate your cable set top box (STB) as well as permit control of your TV power, volume and mute using one hand held remote control device.

The RC-MOT2 is pre-programmed to operate the Motorola (Arris) STB, however programming will be required to operate you specific TV.

Your RC-MOT2 requires two (2) AAA type batteries. High quality heavy duty or alkaline batteries are recommended to optimize the performance of your remote control.

Your RC-MOT2 remote control is supplied and pre-set to operate your STB features. When a TV code is entered, the Volume Up, Volume Down, Mute and TV Power features will be controlled through the TV..

Key Operation

Key Label Operation

CBL	Turns the Set Top Box "ON" and "OFF"
TV	Turns the TV "ON" and "OFF"
Vol Up	Increases TV volume
Vol Down	Decreases TV volume
0-9 Keys	Allows selection of channel on STB
Mute	Mutes TV
Ch Up	Increases STB channel
Ch Down	Decreases STB channel
VOD	Display Video on Demand (VOD) Menu
Play/Pause	Navigates menu up; in VOD playback plays or pauses program
Stop	Navigates menu down; in VOD playback stops program
REW	Navigates menu left; in VOD returns
FWD	Navigates menu right; in VOD fast forwards
Last	Display last channel selected
FAV	Selects Favorite channel; displays Favorite Channel List
Menu	Displays Menu
Exit	Exits on screen menu
PPV	Accesses Pay Per View programming
Day Up	Displays next day
Day Down	Displays previous day
Page Up	Displays next page
Page Down	Displays previous day
A, B, C, D	Specific command in IPG
SET	Used for programming and feature checking of remote

Two methods can be followed to program the specific code that is required for operation of your TV.

These can program the remote by entering the unique three (3) digit code for the model of your TV (manual programming method) per the code listing provided with this manual, or by using the scanning method (auto-scan programming method) described below.

TV Manual Programming Method

The manual programming method allows the user to enter a three (3) digit code number that is referenced in the attached table by TV model.

1. Turn on the TV to be controlled;
2. Look up the first code for the model to be programmed;
3. Press the "SET" key and the "TV" key at the same time for approximately three seconds until LED illuminates,
4. Release both keys. The "TV" key should be lighted;
5. Enter the three digit code by depressing the appropriate keys. If a valid TV code is entered, the TV LED will turn off. If the TV LED blinks twice, the code was not entered correctly and return to step 3;
6. If the "TV" LED turns off, push the "power" key to determine if the TV turns off. If the TV turns off, turn it back on and verify the TV operates properly (the "volume up", "volume down" and "mute" keys operate the TV). If these functions do not operate properly, look up the next code number in the Model listing and repeat steps 3 through 6, until proper operation is achieved;
7. Once proper operation is achieved, your remote control is now ready for use.

Note: In some cases, proper operation will not be achieved by using the "Manual Programming Method". However, the proper code may still be found by using the "Auto-Programming Method".

TV Auto Programming Method

The auto-programming method allows the user to set the remote control into a operating method that will send out sequential power codes until the correct code is set and turns off the TV. The sequence can then be terminated, leaving the remote control programmed to the proper operating code.

1. Turn on the TV to be controlled;
2. Press the "SET" key and "TV" key at the same time and hold for approximately three seconds until the TV LED illuminates. Release the keys. The TV LED should be illuminated.
3. Repeatedly press the "CH UP" or "CH DOWN" key until TV turns off. Then, press the "SET" key.
4. Test the code by pressing the "TV", "volume" and "mute" keys for proper operation of the TV.
5. If proper operation is achieved, your remote has now been programmed. If not, repeat steps 2 through 4 until proper operation is achieved.

Note: Since there is a significant number of TV codes available, it may take five (5) to six (6) minutes to complete the entire auto-programming sequence.

Write down code for later reference:

TV Code _____

CBL Manual Programming Method

The manual programming method allows the user to enter a three (3) digit code number that is referenced in the attached table by Set Top Box (STB) model.

1. Turn on the STB to be controlled;
2. Look up the first code for the model to be programmed;
3. Press the "SET" key and the "CBL" key at the same time for approximately three seconds until LED illuminates,
4. Release both keys. The "STB" key should be lighted;
5. Enter the three digit code by depressing the appropriate keys. If the code was entered properly, the "STB" LED will turn off. If it blinks twice, the code was not entered correctly and return to step 3;
6. If the "STB" LED turns off, push the "STB" key and other keys to determine proper operation. If proper operation is not achieved, look up the next code number in the Model listing and repeat steps 3 through 6, until proper operation is achieved;
7. Once proper operation is achieved, your remote control is now ready for use.

Note: In some cases, proper operation will not be achieved by using the "Manual Programming Method". However, the proper code may still be found by using the "Auto-Programming Method".

CBL Auto-Programming Method

The auto-programming method allows the user to set the remote control into a operating method that will send out sequential power codes until the correct code is set and turns off the Set Top Box (STB). The sequence can then be terminated, leaving the remote control programmed to the proper operating code.

1. Turn on the STB to be controlled;
2. Press the "SET" key and "CBL" key at the same time and hold for approximately three seconds until the TV LED illuminates. Release the keys.
3. Repeatedly press the "CH UP" or "CH DOWN" key until TV turns off. Press the "SET" key.
4. Test the code by pressing the "CBL" key and other keys to verify correct operation.
5. If proper operation is achieved, your remote has now been programmed. If not, repeat steps 2 through 4 until proper operation is achieved.

TV Code _____

Code Recall

Code recall is used to identify the TV or CBL code that has been selected by the Auto-Programming Method.

To test for the code:

1. Press the "SET" key and "TV" or "CBL" key at the same time and hold for approximately three seconds until the TV LED illuminates.

2. Press and release the "INFO" key.
3. Press the "1" key and count the number of times the "TV" key flashes to determine the first digit of the code (i.e., 2 flashes is the number 2). No flashes indicates "0".
4. Press the "2" key to determine the 2nd digit. Press the "3" key to determine the 3rd digit.
5. Press the "SET" key to exit the Code Recall Mode.

Factory Default Reset

1. Depress the "SET" key and at the same time depress the "CBL" for three seconds until the "CBL" LED illuminates. Release the keys;
2. Depress and release in order the "9", "8" and "1" keys - LED flashes twice to signal remote has be reset to factory settings.

NOTE:

Whenever a programming sequence exceeds 5 seconds, the remote will default to the previous settings.

Cable Set Top Box Code List

Cisco	016,019
Motorola	001,013,014,015,020
Pioneer	002,003,004,005,006,009
Scientific Atlanta	005,007,008,010,017
Tocom	011,012
CLIP	018
Evolution SD	021
Evolution HD	022
ADB Sample 1	023
ADB Sample 2	024
Amino	025
Entone	026

TV Codes list

3M	089,649,653,	Archer	302,
A-Mark	302,	Astar	384,581,
Abex	464,	Audiovox	035,040,302,655,533,
Accurian	683,		543,557,589,697,698,
Action	556,	Aurora Systems	532,
Admiral	475,361,	Aventura	053,
Advent	362,581,579,	Belcor	001,
Adventura	079,	Bell & Howell	313,462,
Altron	364,	BenQ	376,598,
Aiko	040,	Bradford	035,
Aiwa	512,692,	Brilliant	566,582,583,
Akai	397,076,231,067,509,	Brockwood	001,
	576,446,660,663,376,	Broksonic	280,361,
	664,360,513,	Bush	276,
Alaron	007,483,	Byd:sign	596,
Albatron	302,541,	Cadia	588,
Ambassador	274,	Candle	231,079,001,106,
America Action	035,	Canon	132,617,
Ampro	523,	Carnivale	231,
Anam	035,	Carver	109,292,
Anam National	468,	Casio	506,575,
AOC	231,645,377,	CCE	483,354,
Aorini	650,	Celebrity	061,
Apex Digital	364,561,565,017,099,	Celera	099,

Changhong	099,
Cinego	702,
Citizen	076,231,040,079,001,
	106,235,503,656,657,
	658,655,
Clarion	035,
Classic	701,
Coby	707,384,
Commercial Solutions	233,
Compaq	522,
Concerto	001,
Contec	035,
Craig	035,
Crosley	109,
Crown	035,
Curtis Mathes	109,313,655,475,076,
	513,231,089,166,462,
	001,319,192,233,608,
	035,
CXC	527,
CyberHome	383,705,
Cytron	040,001,055,470,474,
Daewoo	085,509,655,
	001,
Daytron	585,109,001,621,
Deil	614,
Delta	089,502,
Denon	035,
Denstar	682,703,
Diamond Vision	451,
Digistar	673,684,
Digital Lifestyles	629,668,167,
Digital Projection Inc.	463,
Dream Vision	595,
Dumont	361,035,001,053,
Durabrand	475,020,192,
Dwin	049,
Dynatech	361,457,
Dynex	132,
Eiki	061,
Electroband	363,650,
Electrograph	361,446,641,360,658,
Electrohome	060,061,
	381,
Element	313,688,280,361,035,
Emerson	689,367,690,053,489,
	235,267,483,281,007,
	274,465,001,655,454,

Emprex	620,030,073,
Envision	231,534,377,
Epson	572,592,
Erae	578,
ESA	513,053,454,
Fisher	313,159,
Fujitsu	007,106,510,547,382,
Funai	035,053,007,689,454,
	586,
Futuretech	035,
Gateway	363,001,376,
GE	655,001,082,333,029,
	468,135,175,489,192,
	691,116,233,608,
Gibralter	463,231,001,
Go Video	563,581,446,
GoldStar	231,011,001,464,
Goodmans	494,
Gradiente	496,
Grundig	510,
Grunpy	035,007,
H & B	613,
Haier	569,001,364,567,
Hallmark	001,
Hanns.G	677,
Hannspree	609,669,677,
Harley Davidson	466,007,689,
Harman/Kardon	109,471,
Harvard	035,305,
Havermey	475,
Helios	551,
Hello Kitty	655,
Hewlett Packard	631,633,570,377,571,
Hisense	364,442,
Hitachi	712,711,689,607,528,
	517,516,413,175,250,
	481,479,097,253,001,
	465,464,462,089,
	545,375,593,
Hyundai	670,
I-Inc	370,398,053,661,
iLo	109,
Infinity	519,520,521,526,
InFocus	392,398,
Initial	053,457,361,374,383,
Insignia	634,454,446,
	463,
Inteq	

IX	559,
Janeil	079,
JBL	109,
JCB	061,
Jensen	362,004,581,579,
JVC	467,008,056,480,518,
	610,580,
Kamp	483,
Kawasho	483,490,
Kaypani	052,
KDS	381,
KEC	035,
Kenwood	231,001,
KLH	099,
Kloss	024,079,471,
Knoll Systems	526,
Konka	035,355,508,236,446,
	695,
Kost	584,581,
Kreisen	558,581,
KTV	035,231,483,
LG	302,499,549,636,581,
	694,001,
Lloyd's	689,
Loewe	477,
Logik	462,
Luce	540,568,
Luxman	001,
LXI	233,109,313,099,
Magnavox	628,511,231,514,392,
	454,689,635,377,574,
	581,495,533,109,187,
	106,007,096,008,105,
	024,
	691,
Magnin	015,462,
Majestic	109,231,292,548,581,
Marantz	618,640,
	128,
Matsushita	363,014,671,
Maxent	001,
MB Quart	302,
Megapower	001,089,302,
Megatron	313,361,579,001,462,
Memorex	007,559,641,367,087,
	579,231,001,
MGA	581,
Micro	

Midland	233,463,116,464,135,
	192,
Mintek	392,398,
Minut	082,
Mitsubishi	475,579,461,067,155,
	491,493,505,539,552,
	001,616,
Monivision	302,541,
Motorola	475,468,381,
Moxell	381,
MTC	076,231,049,001,474,
	483,
Multitech	035,049,483,
NAD	099,001,066,109,
Nakamichi	630,
Naxa	704,
NEC	231,008,001,292,144,
	500,167,562,618,665,
	680,708,
NetTV	363,
Nikko	001,231,040,
Niko	644,
Noblex	498,
Norcent	364,536,377,
Norwood Micro	594,370,
Noshi	018,
NTC	040,
NuVision	654,
Olevia	648,573,001,
Olympus	605,
Onwa	035,
Optimus	313,166,128,689,
Optoma	564,609,659,
Optonica	475,049,
Orion	280,361,007,690,367,
Panasonic	468,128,162,486,375,
	597,624,116,
Penney	233,099,076,001,231,
	116,691,192,309,478,
	135,110,464,333,082,
	381,
Petters	109,231,001,021,105,
Philco	096,302,
Philips	628,109,511,581,

Pioneer	166,679,066,465,268, 618,
Planar	632,
Polaroid	709,099,700,676,675, 674,672,451,637,381, 446,109,602,376,383, 599,581, 040,001,
Portland	362,581,579,589,457, 109,
Prisma	302,515, 116,
Proscan	001,608,319,192,233,
Proton	001,302,320,052,319, 379,601,
Proview	381,
Pulsar	463,001,
Puneet	638, 578,
Pvision	468,049,128,219,116, 233,313,035,001,231, 049,
Quasar	116,691,192,488,140, 135,473,679,233,608, 639,035,446,465,029, 001,018,
RadioShack	313,035,231,049,464, 001,
RCA	650, 483,
Realistic	463,231,167,109, 231,464,052,100,110, 363,
RevolutionHD	231,699,642,076,535, 524,504,270,497,408, 354,483,464,001,513, 361,623,689,367,360, 313,472,146,159,103, 484,132,529,530,691, 560,017,611,646,
Rhapsody	001,
Runco	001,
Sampo	280,035,001,007,309, 666,
Samsung	233,109,313,099,053, 015,001,146,478,159, 168,007,192,566,689,
Sansui	
Sanyo	
Sceptre	
Scimitsu	
Scotch	
Scott	
Sears	

Teknika	109,035,579,076,040, 462,001,482,007,106, 312,
Telefunken	513,001,476,
Telemagic	132,
Tera	320,
Thomas	689,
Thomson	476,484,507,
TMK	001,274,
TNCi	463,
Toshiba	313,001,076,008,128, 478,519,537,606,614, 665,360,099, 667,710,
TruTech	361,
TVS	000,601,
Ultra	333,
Universal	370,
US Logic	231,
Vector Research	001,
Venturer	566,
VEOS	467,
Victor	067,
Video Concepts	109,487,618,652, 001,008,
Vidikron	363,109,517,525,528, 365,550,380,603,605, 643,651,
Vidtech	079,312,
Viewsonic	576,661,011, 604, 001,550,380,376, 109,231,462,021,082, 333,105,029,001,096, 099,
Viking	655,380,373,565,587, 061,
Viore	361,655,
Visart	370,076,
Vizio	377,
Wards	589,
Waycon	231,001,528,622, 463,361,001,040,462, 689,655,
Westinghouse	302,
White Westinghouse	
WinBook	
Wyse	
Xococo	
Yamaha	
Zenith	
Zonda	

Sharp	475,048,049,495,647, 398,501,546, 696,
Sharper Image	475,
Sheng Chia	619,
Sherwood	001,
Shogun	462,
Signature	531,542,584,
Signet	595,
SIM2 Multimedia	106,187,
Simpson	681,
Skyworth	577,
Solarism	534,568,613,615,636, 650,581,
Sole	061,200,273,492,538, 600,620,662,678,679, 689,693,
Sony	035,001,007,106, 379,698,
Soundesign	638,670,319,685,686, 687,446,
Sova	302,137,
Soyo	381,
Spectricon	053,
Spectroniq	035,001,
Squareview	035,
SSS	541,
Starlite	625,627,
Studio Experience	475,550,
SunBrite	079,
Superscan	061,
Supre-Macy	504,364,551,553,554, 555,
Supreme	688,109,231,586,021, 105,469,096,581,053, 454,
SVA	035,053,689, 573,001,648,
Sylvania	475,485, 588,
Symphonic	302,049,468,571,370, 590,591,612,076,376, 128,116,
Syntax	007,
Tandy	544,706,
Tashiko	116,302,001,
Tatung	
Technics	
Technol Ace	
Techview	
Techwood	