

PROGRAMMING YOUR REMOTE CONTROL

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You can use the remote control that came with your digital satellite receiver to control other components in your entertainment system. The remote control will control your digital satellite receiver and other devices in your entertainment system.



The remote control.
Model HRMC-1 does not have the AUX key.

Programming the Remote Control

There are two ways to program your remote control to match your equipment: code scan and code entry. Code scan can take some time, but it avoids having to refer to this manual to program your remote control. Code entry saves some time but you will need to look up the codes assigned to the devices.

Programming Mode

Keep your remote control aimed at the device you want to control during this process. The remote control will send out the “power” command for the device being programmed.

While holding down the device key (i.e., TV) that you are programming, press the “Mute” key for one full second. Then release the keys. The device key should light and stay lit. If it doesn’t, repeat the process.

Then choose either the code scan or code entry method.

Code Scan

Once you are in programming mode, repeatedly tap the  key to step through the codes, sending out the power command. This could take some time since there could be many for each type of device. When your device shuts off, you have found the code. If you inadvertently go past a code that responded, or realized that you may not have been aiming the remote at the device, you can use the  key to step backward through the codes. Press the **POWER** key to verify that you haven’t missed the code. In order to lock in the code, press the device key again. The remote will remember the code until you reprogram it.

Code Entry

First, look up the device type and brand in the following charts. You will find a list of numbers; one or more of which should operate your device. If there is more than one code, you will need to try each of them to find the one that works best.

Once you are in code entry mode, enter the three-digit code. Press the device key being programmed once again to lock in the entered code. The remote will remember the code until you reprogram it.

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Test if the entered code matches your device by pressing the **POWER** key. If the device works, you're all set. Otherwise, repeat the process using the next code for your brand or try the code scan procedure.

TELEVISION	CODE NUMBER
Admiral	072 081 160 161
A Mark	112 143
Akai	070 146
Amstrad	052
Anam	043 054 056 080112131
AOC	070 004 058 112
Audiovox	076 120
Blaupunkt	088
Bruette	572
Candle	070 002 003 004
Capehart	058
Cetronic	043
Citizen	070002003004043101 103 143
Classic	043
Concerto	004
Contec	043 050 051
Coronado	143
Craig	043 054 191
Crown	043 143
Curtis Mathes	070 101 143 004
CXC	043
Daewoo	076 103 004 016 043 114 120 127 143 128 136 192 044
Daytron	004 143
Dynasty	043
Dynatech	062
Electrohome	024 076 120 143
Emerson	004 005 028 043047048 050051 076120143151 153154155070096191
Fisher	007 057
Funai	028 043
Futuretech	043
GE	160 165 161 070 008 009 034056073074130155 167 004 145
Goldstar	004 106 110 112 119 127 143 193
Hall Mark	004
Hitachi	011 004 009 010 012 023 075 143 007 072
Infinity	164
JBL	164
JCPenny	070 004 008 009030065 101 160 024 143 156
Jensen	013
JVC	038 001 083 034
KEC	043
Kenwood	070 001
Kloss	002 059
KMC	143
KTV	043 143 154 070
Kuehn	722
Lodgenet	072
Logik	072
Lauxman	004
LXI	007 015 052 081 160
Magnavox	164 059 070 003004060 061 063 064 022 094 127 160
Marantz	070 164
Matsui	164
Memorex	004 007 072
Metz	088
MGA	024070004024028042
Minerva	088
Mitsubishi	024 004 040 042028146
MTC	070 004 062 101

TELEVISION	CODE NUMBER
NAD	015 025
NEC	070 040 016 056 024 130 134 019 004
Nikei	043
Onking	043
Onwa	043
Optonica	019 081
Panasonic	034 080 056 164
Philco	164 070 003 059 060 064 004 056 063 024
Philips	164 093 038 005 059 127 070 003 004
Pioneer	025 070 004 018 023 190
Portland	004 143 065
Proscan	160 161 167 145 065
Proton	004 058 131 143 171 173
Quasar	034 056 080 164
Radio Shack	004 019 043 127 143
RCA	160 161 156 165 065 070 004 023 024 056 074 152 167 145
Realistic	007 019 043 047
Runco	072 130
Sampo	070 004 058
Samsung	101 004 050 089 105 160 127 143 133
Sanyo	007 020 053 057 082
Scott	004 028 043 048 143
Sears	015 030 028 094 004 007 057 082 143 160 167
Sharp	081 004 014 019 022 028 143 029
Siemens	088
Signature	072
Sony	001 085 126 166 079
Soundesign	028 003 004 043
Spectricon	112
SSS	004 043
Supre Macy	002
Sylvania	070 003 059 060 063 064 127 160 164 044
Sylvester	917
Symphonics	194 052
Tandy	081
Tatung	056 062
Technics	034 080
Techwood	004
Teknika	002 003 004 024 028 043 072 101 143
Telerent	072
Tera	173
Tmk	004
Toshiba	015 030 007 040 062 101
Universal	008 009
Video Concepts	146
Vidtech	004
Wards	004 019 064 008 009 028 060 061 063 072 074 143 164 165
Westing House	076 120
Yamaha	070 004
York	004
Yupiteru	043
Zenith	072 073 095 103
Zonda	112

VCR	CODE NUMBER
Aiwa	034
Akai	016 043 046 124 125 142 146

VCR	CODE NUMBER
Ampro	072
Anam	031
Audio Dynamics	012 023 039 043
Brooksonic	035 037 044 129 152
Canon	028 031
Capehart	108
Craig	003 040 135
Curtis Mathes	031 041 156
Deawoo	117 119 005 116 007 010 065 108 110 112
Daytron	108
Dimensia	156
DBX	012 023 039 043
Dynatech	034 053
Electrohome	059
Emerson	0306029035025027034 036037046101 129131 138017031 044152157 153
Fisher	0303008009010
Funai	034
GE	0331 072144147063151 107 109 156 126
Go Video	040 132 136
Goldstar	101 123 012 013 114
Harman Kardon	012 045
Hitachi	0104026034063137150 156
Instantreplay	031
JCL	031
JCPenny	012 013 040 101 156 066
Jensen	043
JVC	048 050 043 130 060 012 031 150 055 158
Kenwood	014 034 047 048 023
Lloyd	034
LXI	034 003 009 017
Magin	040
Magnavox	067 031 034 041 068 154 160 064
Marantz	067069031067012023
Marla	101
Matsui	027 030
MEI	031
Memorex	102101 003010014031 034053072139134
MGA	045 046 059
Minolta	013 156
Mitsubishi	059 061 046 051 142 013 045 162
MTC	034 040
Multitech	024 034
NEC	012 023 043 048 039
Nordmende	043
Optonica	053 054
Panasonic	0170133031 066161
Pentax	013031063156
Philco	031 034067
Philips	031 067034101 054071
Pilot	101
Pioneer	021 013 048
Portland	108
Quartz	002 014
Quasar	070 133 161 031 066
Radio Shack	123
RCA	107 109 144 147 151 013 041 034 040 156 031 140
Realistic	003 008 010 014 031 034 040 053 054 101
Rico	058 078

VCR	CODE NUMBER
Salora	014
Samsung	102 040 032 104 107 109 112 113 115 120 122 125 159
Sansui	043 048 135 022
Sanyo	003 010 102 007 014 134
Scott	017 037 044 129 131 112 159
Sears	003 008 009 010 013 014 017 081 101
Sharp	031 054 053
Shintom	024
Signature	034
Sony	056 057 058 003 052 149 031 155
Soundesign	034
STS	013
Sylvania	031 059 034 067
Symphonic	034
Tandy	010 034
Tatung	039 043 023
Teac	034 039 043 023
Technics	031 070
Teknika	031 019 034 101
TMK	006
Toshiba	112 008 131 047 059 082 013042
Totevision	040101
Unitech	040
Vector Research	012
Video Concepts	012 046 034 141
Videosonic	040
Wards	003 013 024 031 034040 053 054 017 131
Yamaha	012 043 034 039
Zenith	072 080 056 048 034 101 058

Aux	CODE NUMBER
Audio Access	095
Adcom	146 149 227 244
Amc	082 083 084
Arcam	100

Aux	CODE NUMBER
Audio File	093 098
Audio Technica	221
Aiwa	111 114117156170199 203 219 231 241 254
Akal	181233
Anam	180
Bose	064 137 219
B & K	150 152
Carver	013 091 098 107 126 129 160 163 164 220 245 249
Casio	076
Clarion	151 169
Denon	101133191202208246 247
Enlightened Audio	078153
Fisher	107 129 157 163 176
Fosgate	113 228 248
Audionics	
GE	216123
Goldstar	110
Harman Kardon	073 195 248 249
Haital	119
Hitachi	088
JCPenny	109 154 178
Jesen	099
Jerrold	141
JVC	112 198 252
Kenwood	096 104 119 125 148 151 163171 173242
Krell	223
Lexicon	215 250
Luxman	066 071 120 134 205 206 229
LXI	123 177
Magnavox	126 162 185 186 224 228
Marantz	074 091 105 126 128 139 155 162 164 186 232
McIntosh	251
Mondial	069 070 077 225 226
MCS	108 178
Mitsubishi	259
Me... ..	313067
NAD	100

Aux	CODE NUMBER
Nakamichi	072 212 234 235
Niles	236
Onkyo	079 094 115 116 207 209 211 255
Optimus	121 125 140 181
Panasonic	131 144 187 200
Parasound	085 086 090
Philips	136 186 126 197
Pioneer	087 093 132 138 210 165 168 189 195 201 081 230
Quasar	131 187
RCA	109 213 166
Realistic	103 122 123 124 172 174 177 179 180 194
Rotel	204 218 239
Sansui	196 214 126 139 075 197
Sanyo	157 129
Samsung	068
Scientific	142
Atlanta	
Scott	180 100
Sharp	096 125 151 161 169 182 193
Sherwood	089 127
Sony	097 117 147 183 200 253 237 238 188 192 080 063 243
Soundesign	135
Soundstream	197
SSI	130
Starcom	141
Symphonic	124
3M	217
Teac	102 159 180 062
Technics	131 143 184 145 187 200 202 208 165
Toshiba	175
Wards	163
Yamaha	092 120 166 240 125 169 065 216
Zenith	222 061

Using the Remote Control

Once your codes are entered, you are ready to start using your universal remote control. The device keys allow you to switch from one device to another. Some keys behave in a special way. They control one device while you are actually in another device mode. For instance, while in SATellite mode, pressing Volume +/- controls your TV's volume-not a digital satellite receiver volume. This is because the remote control knows that there is no volume control on the digital satellite receiver.

Advanced feature keys (i.e. **ACTION**, **EXIT**) are not supported for devices other than your digital satellite receiver. For other devices, only the primary keys (i.e. **TV** and **POWER**) will function,

- For Sony-brand devices, use the **ALPHA** key as the "Enter" key.
- For RCA-brand devices, the device key (i.e., "TV" or "VCR") might be the "power on" key and **POWER** is the power off key.

Switching the Remote Control to Operate Additional Digital Satellite Receiver

Your remote control can be reprogrammed to operate additional digital satellite receivers. This may be necessary in situations where multiple digital satellite receivers are located in the same general area and can pick up signals intended for each other.

To switch the remote control, simply press and hold the **SAT** key while entering the receiver ID. The receiver ID can be 001 through 008. Do not forget the two zeros. Remember to access the **ADVANCED PREFERENCES** screen using the keys on the front of the digital satellite receiver to pair it with the remote control.

The other way to program your remote control to match your digital satellite receiver is to scan for the correct code.

1. Keep your remote control aimed at the device you want to control during this process. The remote control will send out the "power" command for the digital satellite receiver.
2. While holding down the SAT key, press the "Mute" key for one full second. Then release the keys. The SAT key should light and stay lit. If it doesn't, repeat the process.
3. Once you are in programming mode, repeatedly tap the **0** key to step through the codes, sending out the power command. This could take up to eight presses. When your digital satellite receiver shuts off, you have found the code.
4. Press the **POWER** key to verify that you haven't missed the code. In order to lock in the code, press the SAT key again.

The remote will remember the code until you reprogram it.

Identifying Codes that Have Been Stored

You can determine the codes that are stored in your remote control. This may be useful for reprogramming additional remote controls later on.

1. Press the device key and the "Mute" key simultaneously.
2. Press the **ACTION** key and count the number of times the red light on the top of the remote control blinks. Each digit of the three-digit code is separated by a 3-second period the light is off. For example, if the code number is 021, the light will blink 10 times (for "0"), pause three seconds, blink twice, pause three seconds, and blink once.

Controlling Other Components Using the AUX Button

Some additional features are available when the remote control is in the AUX mode. These instructions apply exclusively to the universal remote control (HRMC-3).

Volume Control in AUX Mode

Note that when the remote control is in TV, VCR, or SAT mode, the volume keys control the sound volume for the television. When you're in AUX mode, if your auxiliary component has audio output, the volume keys control that component's sound volume. If your auxiliary component doesn't have audio output, you can program the volume button so that it continues to control the TV volume when your remote control is in AUX mode:

1. Press the "AUX" key and the "Mute" key simultaneously.
2. Press the "Volume Up" key.

Once you perform these steps, whenever your remote control is in AUX mode the volume keys will control the television volume. In the event that you reprogram the "AUX" key to control a different

component at some future time, you can restore the remote control's capability to control the auxiliary component's volume by simply repeating these two steps.

Assigning a Device to a Different Device Key

You can assign a component to a mode key that has a different label. For example, you can assign a second TV to the AUX key.

1. Begin the programming process as described earlier. (i.e. Press and hold the "AUX" key and then press the "Mute" key. Then release both keys.)
2. Press the device key associated with the type of device you wish to assign to the AUX key.
3. Establish the correct code, either by scanning or direct code entry.
4. Press the "AUX" key to store the code onto the "AUX" key