

VISIT US ON THE WEB  
**YOU CAN FIND PROGRAMMING INSTRUCTIONS  
AND CODES FOR ALL OF OUR REMOTE  
CONTROLS, AS WELL AS INFORMATION ABOUT  
OUR OTHER PRODUCTS ON OUR WEBSITE:**  
www.uselectronics.com



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## 1 BEFORE YOU BEGIN

Make sure to set your TV to channel 2, 3, or 4 as directed by your cable company.

This manual makes reference to "device keys." These are the CBL, TV, VCR, DVD, and AUD keys at the top of the remote control.

After you have programmed the remote, you'll use the device keys to select which device you want the remote control to operate.

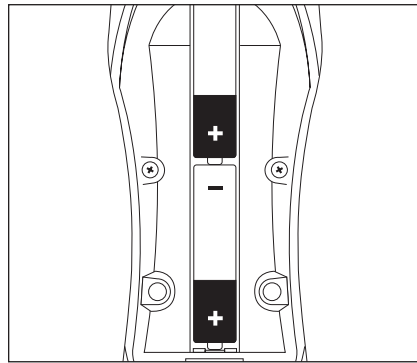
## 2 INSTALL BATTERIES

Before you can program or operate the remote control, you must install two Alkaline AA batteries.

**STEP 1:** Remove the battery compartment cover on the back of your remote control.

**STEP 2:** Check battery polarity carefully, and install the batteries as shown in the illustration below.

**STEP 3:** Replace the battery compartment cover.



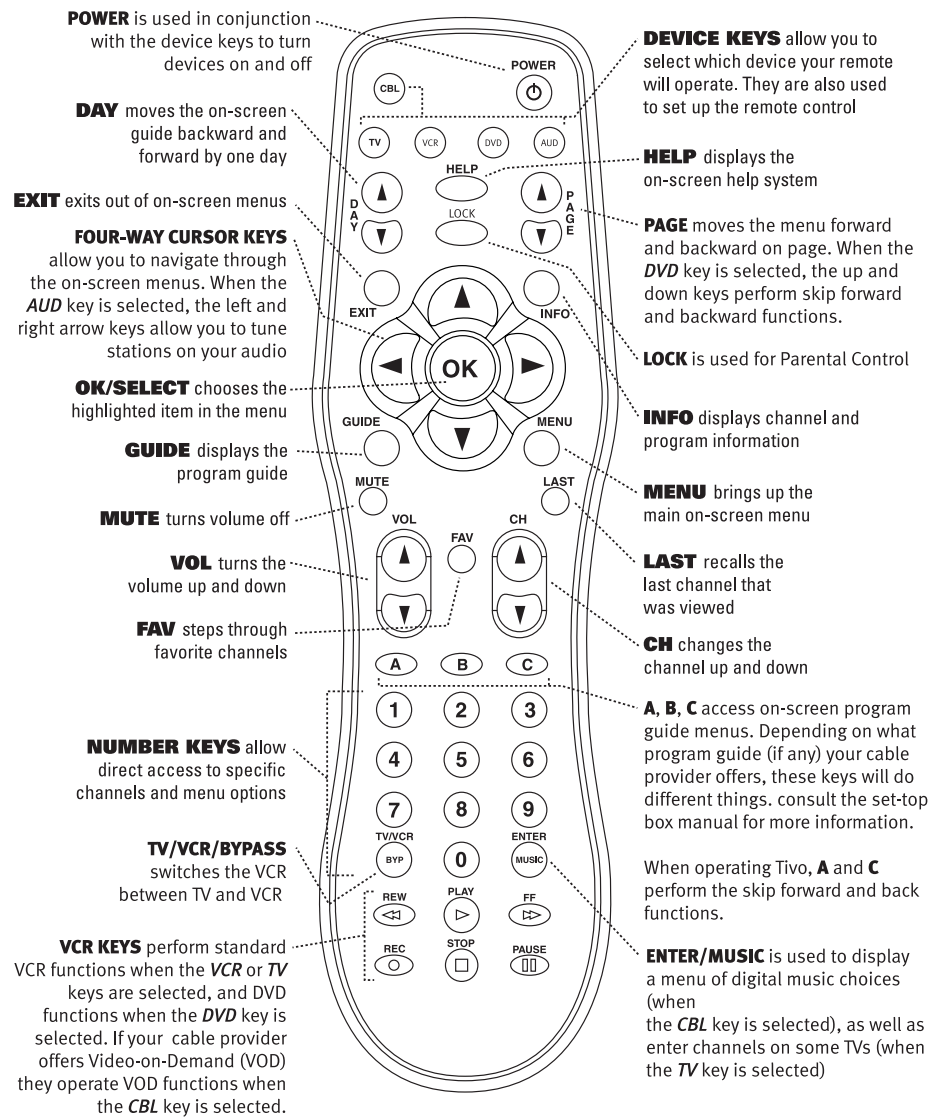
### ! IMPORTANT NOTE

Weak batteries may disrupt normal operation of the remote.

We recommend that you use only new Alkaline AA batteries.

## 3 KNOW YOUR REMOTE

THE DIAGRAM BELOW SHOWS THE FUNCTIONS OF SPECIAL KEYS FOR YOUR SET-TOP BOX AND PROGRAM GUIDE. US ELECTRONICS PROVIDES THESE FUNCTION DESCRIPTIONS AS A GENERAL GUIDE TO ALLOW YOU TO BECOME MORE FAMILIAR WITH YOUR SET-TOP BOX. REFER TO YOUR SET-TOP BOX MANUAL FOR DESCRIPTIONS OF SPECIFIC FUNCTIONS.



**CHANNEL SURF:** Press and hold the **OK** button for 3 seconds. The remote will automatically send 25 channel up/down signals (depending on which channel button was used last) in half-second intervals. If you see a channel that you want to watch, press any button on the remote to stop channel surfing.

## 4 SETTING UP YOUR REMOTE

To set up the Novari to operate a device, look for the list of manufacturers' three-digit codes for the device type in sections 10-16 of this manual (the code for your set-top box is 000), then perform the following steps.

**NOTE:** if you are setting up the remote for a: follow these instructions as if it were a:  
TV/VCR Combo .....VCR  
TV/DVD Combo .....DVD player (please read section 16 before continuing)  
Personal Video Recorder .....VCR

**1** On the remote control, press and hold the appropriate device key until the five device keys flash twice. The selected device key will continue to flash.

**2** Enter the three-digit code.

After you press the first digit, the device key should light and stay on. After you press the last digit, the device key should flash three times and turn off.

If the device key does not flash three times before turning off, the code is invalid for this device type. Repeat the procedure with another device code.

**3** Point the remote at the device and press **POWER**. If the device turns on or off, you have finished programming.

If you have tried all the codes listed for the manufacturer and the device does not respond, refer to the SmartScan™ section later in this manual.

**4** Write the codes below

Set-top Box code \_\_\_ \_\_\_ \_\_\_ TV code \_\_\_ \_\_\_ \_\_\_  
VCR Code \_\_\_ \_\_\_ \_\_\_ DVD Code \_\_\_ \_\_\_ \_\_\_ Audio Code \_\_\_ \_\_\_ \_\_\_

## 5 PROGRAMMING VOLUME CONTROL

By default, the TV, CBL, or AUD keys will send their own volume and mute signals to their device. If you would like to set up the Novari so that volume is always controlled by a particular device (set-top box, TV, or audio amplifier), follow these steps:

**1** Press and hold the CBL key for approximately three seconds until the five device keys flash twice. The CBL key will continue to flash.

**2** Press **VOLUME UP** then **VOLUME DOWN** then the Device Key (TV, CBL, or AUD) of the device that you want to control volume and mute functions. After you release the Device Key, the CBL key will blink three times to confirm the procedure.

**NOTE:** volume will always be controlled by your audio device when the remote control is in **AUD** mode — regardless of how you set up volume control in this section.

## 6 MASTER POWER CONTROL

You can program your Novari to turn on and off all of your remote-controlled devices (TV, CABLE, VCR, DVD, AUDIO) when you press **POWER**. All devices must be in direct line of sight to ensure proper operation. Perform the following steps to enable or disable power control for each device:

**1** Make sure all devices to be controlled are turned on.

**2** Press and hold the CBL key for approximately three seconds until all five device keys flash twice. The CBL key will continue to flash.

**3** Press **POWER** twice. The CBL key will flash three times and turn off.

## 7 CHANNEL LOCK

Channel Lock prevents the channel up and down functions from operating any device other than the set-top box — no matter which device (TV, CABLE, VCR, DVD, AUDIO) is currently selected.

The Novari comes with Channel Lock activated. If you want the remote control to operate channel functions on your TV or VCR you will need to de-activate Channel Lock. To deactivate Channel Lock, follow these steps:

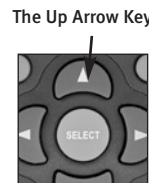
- 1** Press and hold the CBL key for 3 seconds. The CBL key will continue to flash.
- 2** Press **CHANNEL UP**; press **CHANNEL DOWN**; then press **SELECT**. The CBL Key will blink three times to confirm the procedure.

Repeat these steps to re-activate Channel Lock.

## 8 SMARTSCAN™

If none of the codes listed for your device works, the SmartScan™ procedure will allow you to cycle through all the available codes in the remote until you find the right one.

- 1** Manually turn on power to the device for which you want to program the remote (TV, VCR, DVD, AUDIO).
- 2** Press and hold the appropriate device key for approximately three seconds until the five device keys flash twice. The selected device key will continue to flash. Press **POWER**. The device key will stop flashing and remain on.
- 3** Point the remote control at the device. Press and hold the **UP ARROW** key. Approximately once every second, the remote sends the power-off command using a different device code. When the device turns off, that means that the remote has reached a code that can control the device. Immediately release the **UP ARROW** key when the device turns off. If you accidentally press the **UP ARROW** key after the device has turned off, press the **DOWN ARROW** key to return to the previous device code.
- 4** Test whether other functions operate using the remote control. If a primary function does not work, continue to press the **UP ARROW** key to find another code that turns off the device. Then test the functions again. When you are satisfied that all primary functions are working, press **OK** to lock in the code.



## 9 RECALLING A DEVICE CODE

Perform the following steps to read the code currently set for a device. This is useful for retrieving a device code that was set using the SmartScan™ procedure.

- 1** Press and hold a device key until the five device keys flash twice. The selected device key will continue to flash.
- 2** Press **INFO**. The device key flashes each of the three digits in the code. A pause separates each digit. For example, three flashes represent the number 3, and a rapid flicker represents 0, so a code of 103 will be shown as: FLASH <pause> FLICKER <pause> FLASH FLASH FLASH
- 3** Count and record the sequence of flashes to determine the three-digit code.

# 10 TELEVISION CODES

AOC	005 • 006 • 019 • 020 • 120 • 140 • 163 173
ASA	047
Admiral	003 • 018 • 034 • 041 • 090 • 125 • 129
Aiiko	024
Aiwa	090
Alkal	000 • 032 • 070 • 149 • 172
Alaron	034
Amark	120 • 224 • 225
Amstrad	033
Anam	005 • 009 • 021 • 041 • 120 • 121 • 183
Anam National	211
Archer	120
Audiovox	024 • 041 • 120 • 170
Bell & Howell	018 • 090
Broksonic	005 • 144 • 172 • 173 • 174 • 176
CXC	041
Candle	006 • 022 • 023 • 025 • 163 • 213
Capehart	019
Carver	151
Centurion	192 • 194
Citizen	006 • 016 • 018 • 022 • 023 • 024 • 025 026 • 144 • 163 • 202 • 213 • 224
Concerto	005 • 023 • 213
Contec	041 • 091 • 181 • 185 • 227
Corando	224
Coronado	225
Craig	021 • 041
Crown	026 • 041
Curtis Mathes	006 • 016 • 018 • 026 • 059 • 090 125 • 131 • 163 • 172 • 192 • 194 • 202 • 224
Daewoo	005 • 024 • 026 • 029 • 030 • 031 • 032 130 • 170 • 172 • 224
Daytron	026 • 192 • 194 • 224
Denon	169
Dimensia	125

Dumont	001 • 047
Electrohome	026 • 149 • 224
Emerson	017 • 023 • 026 • 028 • 033 • 034 • 035 036 • 037 • 038 • 039 • 041 • 090 • 122 • 141 143 • 144 • 171 • 172 • 176 • 181 • 187 • 203
Envision	163
Fisher	042 • 090 • 099
Fujitsu	034 • 187
Funai	034 • 041 • 132 • 187
Futurtech	041
General Electric	003 • 008 • 009 • 023 • 043 • 044 125 • 130 • 134 • 143 • 165 • 170 172 • 182 • 183 • 195 • 206 • 207 • 211
Goldstar	005 • 023 • 026 • 045 • 046 • 088 168 • 172 • 173 • 194 • 213 • 224 • 225
Gradiente	060
Grundig	047
Hallmark	023 • 172
Hinari	034 • 187
Hitachi	018 • 023 • 026 • 048 • 049 • 050 051 • 052 • 053 • 054 • 055 • 116 • 126 142 • 169 • 172 • 185 • 213 • 224 • 225
Infinity	010 • 066 • 151
JBL	010 • 066 • 151
JC Penney	003 • 005 • 006 • 014 • 016 • 026 043 • 044 • 096 • 125 • 131 • 134 • 149 163 • 165 • 172 • 194 • 202 • 206 • 207 • 224
JVC	057 • 058 • 059 • 060 • 186
KEC	041
KMC	224 • 225
KTV	026 • 039 • 041 • 172 • 224 • 225
Kenwood	006
Kloss	022 • 110
LXI	003 • 010 • 066 • 090 • 117 • 125 • 129 131 • 132 • 134 • 151 • 172 • 173 • 194
Lloytron	224

Lodgenet	018
Logik	018
Luxman	023 • 213
MGA	004 • 005 • 006 • 023 • 034 • 071 072 • 149 • 163 • 172 • 187 • 192 • 194
MTC	005 • 006 • 016 • 023 • 031 • 163 202 • 213
Magnasonic	024 • 034 • 129 • 131 • 151
Magnavox	000 • 006 • 008 • 010 • 017 • 020 025 • 027 • 028 • 034 • 064 • 065 • 066 067 • 068 • 110 • 132 • 144 • 151 • 154 • 163
Majestic	018
Marantz	006 • 010 • 066 • 068 • 088 149 • 151 • 163 • 172
Matsui	032 • 109
Memorex	018 • 032 • 034 • 072 • 090 • 149 • 172
Midland	001 • 003 • 165
Mitsubishi	004 • 005 • 023 • 034 • 070 • 071 072 • 122 • 123 • 129 • 149 • 172 173 • 187 • 192 • 194
Multitech	041
NAD	002 • 117 • 131 • 166 • 172
NEC	005 • 006 • 007 • 023 • 028 • 090 • 144 163 • 172 • 173 • 183 • 191 • 192 • 194 • 213
National	011 • 151 • 195 • 196 • 211
Nikkai	118
Onwa	041
Optimus	012 • 090 • 166
Optonica	129
Orion	176 • 204
Osume	091
Panasonic	008 • 009 • 010 • 011 • 012 066 • 151 • 165 • 177 • 183 • 195 • 196 • 211
Philco	005 • 006 • 025 • 064 • 065 • 067 • 068 110 • 149 • 151 • 163 • 169 • 172 176 • 183 • 224 • 225

Philips	005 • 010 • 025 • 027 • 066 • 068 • 088 146 • 151 • 163 • 164 • 220 • 225
Pioneer	002 • 008 • 008 • 048 • 051 • 076 • 131 • 166
Portland	005 • 024 • 026 • 172 • 224 • 225
Proscan	125 • 172
Proton	006 • 013 • 019 • 023 • 026 • 172 • 224
Pulsar	001
Quasar	008 • 009 • 012 • 165 • 183 • 195 • 211
RCA	003 • 005 • 008 • 014 • 048 • 078 • 079 080 • 082 • 084 • 085 • 086 • 087 • 125 130 • 134 • 149 • 172 • 182 • 183 • 210
Radio Shack	003 • 026 • 041 • 072 • 090 • 112 141 • 172 • 173 • 194 • 224 • 229
Realistic	035 • 041 • 090 • 141 • 172 • 194 222 • 224 • 229
Runco	001
SSS	005 • 041
Saba	051 • 116 • 142
Saisho	032 • 033 • 109
Sampo	006 • 019 • 163 • 192 • 194
Samsung	005 • 006 • 016 • 023 • 026 • 032 088 • 112 • 163 • 172 • 173 • 192 194 • 202 • 213 • 224 • 225 • 229
Sansui	176
Sanyo	042 • 089 • 090 • 091 • 092 • 109 • 194
Scott	026 • 034 • 037 • 041 • 093 • 172 173 • 187 • 192 • 194 • 204 • 224
Sears	003 • 023 • 034 • 042 • 090 • 096 • 098 099 • 101 • 102 • 104 • 117 • 125 • 131 • 132 134 • 151 • 172 • 187 • 194 • 202 • 224 • 225
Sharp	026 • 091 • 129 • 141 • 200 • 224 • 225
Signature	018
Sony	000 • 109 • 119 • 122 • 189
Soundesign	023 • 025 • 034 • 041 • 172
Spectricon	120
Starlite	041

Supra	022 • 023
Sylvania	006 • 010 • 025 • 064 • 065 • 066 068 • 110 • 112 • 132 • 151 • 163 172 • 173 • 192 • 194 • 229 • 231
Symphonic	132 • 179
TMK	023 • 172 • 213
Tandy	112 • 129
Tatung	009 • 183 • 211
Technics	008 • 012 • 165
Techwood	023 • 165 • 213
Teknika	004 • 005 • 016 • 018 • 022 • 023 024 • 025 • 026 • 034 • 041 • 072 • 114 149 • 151 • 187 • 202 • 213 • 224 • 225
Telerent	018 • 224
Teletex	032
Thomson	051 • 116 • 142
Toshiba	016 • 017 • 047 • 090 • 096 117 • 118 • 131 • 180 • 201 • 202
Totevision	026 • 224
Universal	043 • 044 • 206 • 207
Vector Research	006
Victor	057 • 060
Video Concepts	070
Vidtech	005 • 023 • 172 • 173
Viking	022
Wards	005 • 006 • 018 • 023 • 034 • 043 • 044 064 • 065 • 067 • 068 • 119 • 125 • 141 151 • 163 • 172 • 173 • 182 • 187 • 192 194 • 206 • 207 • 224
Westinghouse	041 • 090 • 130 • 170 171 • 176 • 204
Yamaha	005 • 006
Yorx	192 • 194
Zenith	001 • 018 • 024 • 178
Zonda	120

# 11 VCR CODES

ASA	065 • 134
Admiral	085 • 178
Aiwa	056 • 088 • 202
Aikai	008 • 013 • 014 • 015 • 016 • 019 020 • 068 • 086 • 198 • 210
Alba	046
American High	158
Amstrad	088
Audio Dynamics	030 • 086 • 093 • 210
Audiovox	056
Bell & Howell	049 • 175 • 177
Broksonic	005 • 008 • 059 • 148 • 198
Bush	089
CCE	176
Calix	056
Candle	042 • 056 • 080 • 092 • 093 • 149
Canon	042 • 054 • 158 • 184
Capehart	046
Carver	136
Cineral	176
Citizen	056 • 091 • 092 • 093
Craig	044 • 056 • 082 • 091
Curtis Mathes	051 • 054 • 088 • 092 • 105 114 • 139 • 149 • 158 • 184
Cybernex	091
DBX	030 • 086 • 093 • 210
Daewoo	034 • 046 • 093 • 150 • 176 • 204
Daytron	046
Denon	173
Dimensia	105
Dual	210
Dumont	049
Dynatech	088 • 161
Electrohome	056 • 068
Electrohome	056
Emerson	005 • 006 • 008 • 009 • 010 • 011 • 012 056 • 059 • 068 • 070 • 088 • 090 • 132 148 • 169 • 176 • 190 • 192 • 193 • 198 204 • 211 • 212 • 213
Ferguson	210

Finlandia	049
Finlux	049 • 065 • 088 • 134
Fisher	048 • 049 • 081 • 082 • 084 • 175
Fuji	158
Funai	088
General Electric	025 • 033 • 050 • 051 • 052 054 • 091 • 105 • 133 • 139 149 • 158 • 167 • 178 • 184 • 194
Go Video	057 • 058 • 164 • 165 • 186
Goldstar	030 • 033 • 056 • 092 • 102
Goodmans	085 • 089 • 161
Gradiente	061 • 062 • 088
Graetz	210
Granada	049 • 081
Grundig	065 • 134
HQ	034
Harman Kardon	030 • 065 • 069 • 136
Hinari	089
Hitachi	037 • 038 • 040 • 041 • 086 • 088 094 • 095 • 121 • 139 • 173 • 210
ITT	210
Instant Replay	184
JC Penney	030 • 050 • 052 • 054 • 056 • 080 081 • 091 • 092 • 093 • 094 • 114 139 • 149 • 158 • 173 • 175 • 184
JCL	184
JVC	030 • 061 • 062 • 063 • 064 • 081 086 • 092 • 093 • 122 • 123 • 168 • 210 013 • 086 • 210
Jensen	056
KEC	056
Kenwood	062 • 081 • 086 • 088 • 092 • 093 • 210
Kodak	056 • 158
LXI	056 • 088 • 173 • 175
Lloyd	088
Logik	089
MEI	054 • 158 • 184
MGA	067 • 068 • 070 • 169 • 183 • 211
MGN Technology	091
MTC	080 • 088 • 091

Magnavox	027 • 033 • 034 • 050 • 054 • 065 076 • 085 • 088 • 111 • 130 • 134 • 136 137 • 138 • 139 • 141 • 143 • 158 • 159 • 184
Magnin	091
Marantz	030 • 054 • 065 • 081 • 085 • 092 • 093 102 • 134 • 136 • 158 • 159 • 161 • 184
Marta	056
Matsushita	114 • 158
Memorex	033 • 049 • 054 • 056 • 066 • 081 • 082 085 • 088 • 091 • 114 • 158 • 161 • 178 • 184
Minolta	094 • 173
Mitsubishi	062 • 067 • 068 • 069 • 070 • 071 124 • 125 • 140 • 169 • 178 • 183 • 211
Motorola	158 • 178
Multitech	088 • 089 • 091 • 174
NAD	073
NEC	030 • 031 • 032 • 049 • 062 • 081 • 086 092 • 093 • 102 • 127 • 128 • 160 • 210 184
National	184
Nikko	056
Noblex	091
Nokia	176
Nordmende	210
Olympus	158
Optimus	049 • 056 • 091 • 114 • 178
Optonica	085 • 130 • 161
Orion	005 • 006
Panasonic	023 • 024 • 026 • 054 • 078 • 098 114 • 129 • 139 • 149 • 170 • 171 • 184
Pentax	037 • 092 • 094 • 173
Philco	054 • 088 • 111 • 134 • 158 • 176 • 184
Philips	054 • 065 • 085 • 088 • 134 • 136 154 • 155 • 158 • 161 • 184
Pilot	056
Pioneer	062 • 073 • 074 • 075 • 076 • 093
Portland	046 • 093
Profitronic	091
Proscan	034 • 065 • 105 • 136 • 173
Pulsar	033
Quartz	081

Quasar	017 • 054 • 078 • 114 • 129 139 • 149 • 158 • 170 • 184
RCA	025 • 026 • 027 • 028 • 034 • 037 051 • 065 • 088 • 091 • 094 • 105 • 136 139 • 147 • 158 • 173 • 178 • 184 • 194
Radio Shack	068 • 081 • 082 • 084 • 085 • 088 091 • 114 • 130 • 161 • 172 • 184
Radix	056
Randex	056
Realistic	049 • 054 • 056 • 080 • 081 082 • 084 • 085 • 088 • 091 • 130 149 • 158 • 161 • 175 • 178 • 184 065 • 134
SBR	065 • 134
STS	173
Saba	210
Saisho	006 • 009 • 212
Salora	067 • 081 • 183
Samsung	015 • 034 • 079 • 080 091 • 165 • 174 • 186 • 204 178
Sanky	178
Sansui	032 • 062 • 086 • 088 • 093 • 210
Sanyo	044 • 048 • 049 • 081 • 082 083 • 084 • 175 • 176 • 177
Schaub Lorenz	210
Schneider	089
Scott	008 • 009 • 034 • 059 • 070 • 090 169 • 174 • 183 • 198 • 204 • 212 • 213
Sears	048 • 049 • 056 • 081 • 082 • 084 088 • 094 • 158 • 173 • 175
Semp	034 • 080
Sentra	046
Sharp	068 • 085 • 130 • 161 • 178
Shogun	091
Signature	085 • 088
Sony	000 • 001 • 002 • 003 004 • 007 • 017 • 158 • 180
Soundesign	088
Sylvania	050 • 054 • 065 • 067 • 070 • 088 111 • 134 • 136 • 158 • 159 • 169 • 183 • 184 088

TMK	006 • 091 • 190
Tandy	049 • 068 • 081 • 082 084 • 085 • 088 • 161
Tashiko	088
Tatung	086 • 210
Teac	086 • 088 • 210
Technics	114 • 158
Teknika	054 • 056 • 087 • 088 • 158 • 184
Telefunken	210
Thomson	210
Thorn	210
Toshiba	034 • 035 • 067 • 070 • 084 086 • 090 • 169 • 183 • 204 • 210
Totevision	056 • 080 • 091
Unitech	080 • 091
Vector	034
Vector Research	030 • 092 • 093 • 183
Victor	062
Video Concepts	030 • 034 • 068 • 088 • 092 • 093
Videosonic	091
Wards	027 • 033 • 054 • 065 • 068 • 080 082 • 085 • 088 • 089 • 090 • 091 • 130 136 • 143 • 158 • 161 • 173 • 178 • 184 158
XR-1000	089
Yamaha	030 • 081 • 086 • 088 092 • 093 • 175 • 210
Zenith	033 • 062 • 088

# 12 DVD CODES

Aiwa	179
Aikai	163
Apex Digital	221
Broksonic	110
Denon	014 • 042 • 112 • 185 • 222 • 235
Emerson	100
Ferguson	205
Fisher	027 • 189
Funai	015
General Electric	205
Goldstar	057 • 233 • 234
Harman Kardon	231
Hitachi	181 • 244
JVC	117 • 249 • 250
KLH	187

Kenwood	018 • 053
Konka	105
Magnavox	008 • 020 • 021 • 215
Mitsubishi	008 • 009 • 020 • 232
NAD	020 • 224
Nordmende	205
Onkyo	008 • 225
Panasonic	