

USER'S GUIDE
for NG-ATH33, NG-ATH18, and NG-IR
version 1.0 09192001



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

1 BEFORE YOU BEGIN

Make sure to set your TV to channel 2, 3, or 4 as directed by your satellite receiver manual.

This manual makes reference to "mode keys." These are the **TV**, **SAT**, **DVD**, and **VCR** keys at the top of the remote control.

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

2 RECEIVER BASE INSTALLATION

Option 1

Place the receiver base station in the room where your equipment is located. Choose a location near an electrical outlet on an opposing wall to where the equipment is installed. Point the front of the base station towards the equipment. Try to use your remote from your chosen location to confirm that it is within the operating view of your equipment.

Plug the AC power adapter into the wall outlet. Attach the small plug from the transformer into the jack on the base station. The power light should flash and go out. The light will only go on when it is receiving a command from the Around the House Remote. The base station is ready to use.

Option 2

Using Your Control Cables

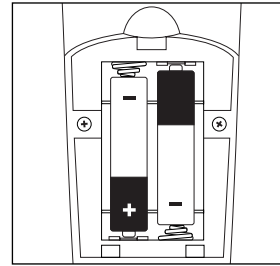
With the proper connection, you can hide the receiver base station behind your entertainment system and still control all your equipment. First, plug the control cable into the back of the base station receiver. The emitter end of the control cable must then be placed in front of each piece of equipment you want to communicate with the remote control sensor. The remote control sensor is commonly identifiable by a small plastic window.

You may have to try different locations for optimum performance. You can permanently attach the emitters using the peel-and-stick backing. This attachment should not interfere with normal operation.

3 INSTALL BATTERIES

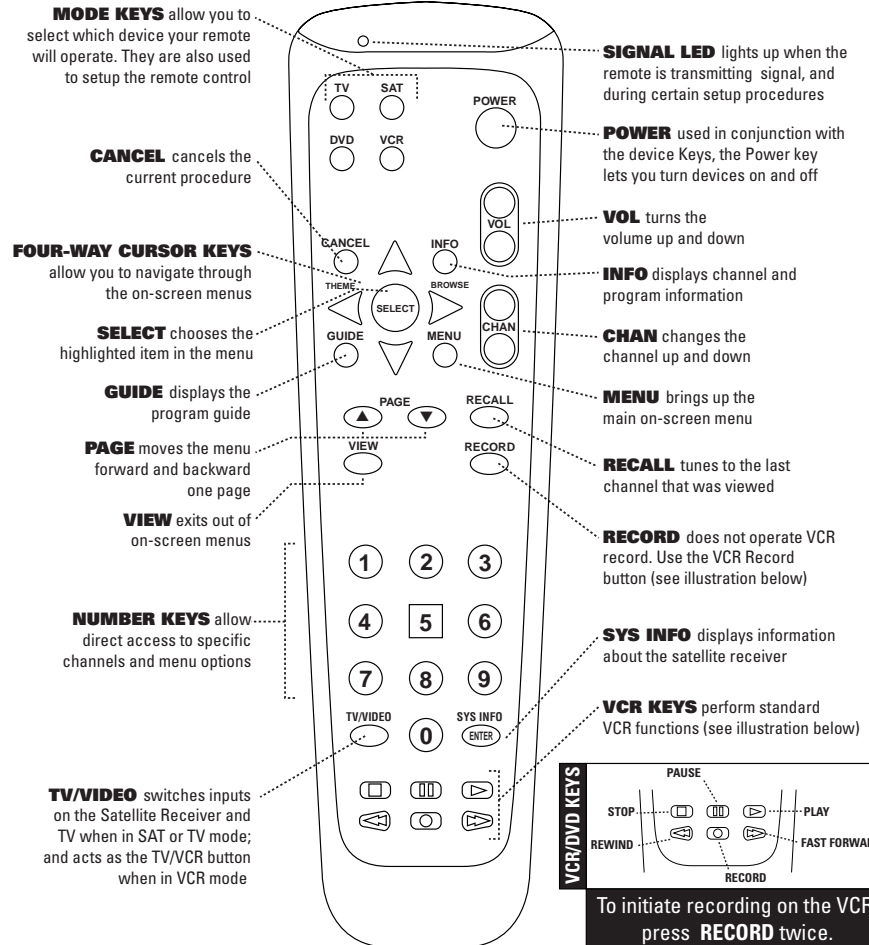
Before you can set up or operate the remote control, you must install two **Alkaline AA** batteries.

- 1 Remove the battery compartment cover on the back of your remote control.
- 2 Check battery polarity carefully, and install the batteries as shown in the illustration to the right.
- 3 Replace the battery compartment cover.



4 KNOW YOUR REMOTE

The diagram below shows the functions of special keys for your satellite receiver. Refer to your satellite receiver manual for descriptions of specific functions. **NOTE:** keys are marked for Dish Network® functions. For other satellite receivers, keys may have different functions.



5 SETTING UP YOUR REMOTE TO OPERATE A DEVICE USING THE TV, SAT, OR VCR MODE KEYS

To set up the remote to operate your TV, VCR, Satellite receiver, and DVD player, look for the manufacturers' three-digit codes for the device type in the codes sections (sections 8-12), then perform the following steps.

TELEVISION codes will be set up using the **TV** mode key.

SATELLITE codes will be set up using the **SAT** mode key.

VCR, TV/VCR COMBO, and DVD codes will be set up using the **VCR** mode key.

NOTE: SETTING UP THE REMOTE TO OPERATE A DEVICE USING THE DVD MODE KEY IS EXPLAINED SEPARATELY IN THE NEXT SECTION.

- 1 On the remote control, press and hold the mode key (**TV**, **SAT**, or **VCR**) until the LED begins flashing.
- 2 Select a code from the appropriate code list for the brand of device you wish the remote to operate, then enter the code using the numeric keys on the remote.

After you press the first digit, the LED should light and stay on. After you press the last digit, the LED should flash rapidly and turn off. If the LED does not flash rapidly before turning off, repeat the procedure, starting at step 1 above, using a valid code from the appropriate code list.

- 3 Point the remote at the device and press **POWER**. If the device turns on/off, then the remote has been set up with a code that can control the device. However, test other primary functions to see if you have entered the "best" code for operating the device. If necessary, try another code listed for your brand of device, starting at step 1 above.
- 4 For reference, write the codes below

TV code ____ ____ ____ Satellite Code ____ ____ ____

VCR code ____ ____ ____ circle one (VCR, TV/VCR COMBO, DVD)

If none of the codes listed for your device works, the CodeScan™ 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 set up the remote to operate (TV, SAT, VCR, TV/VCR COMBO, DVD).
- 2 On the remote control, press and hold the appropriate mode key (**TV**, **SAT**, **VCR**) until the LED begins flashing.
- 3 Press and release **POWER**. The LED will stop flashing and remain on.
- 4 Point the remote control at the device, Press and release the **UP ARROW** key repeatedly and slowly. Each time you press the key, the remote sends the power-off command using a different device code. When the device turns off, that means that the remote has a code that can control the device. 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.
- 5 Test whether other primary key functions operate (including **POWER** to turn the device ON again). If a primary key function does not work, continue to press the **UP ARROW** key to find another code that turns the device OFF. Then test the primary key functions again.
- 6 When you are satisfied that all primary functions are working, press **SELECT** to lock in the code. The LED should flash rapidly and turn off.

6 SETTING UP YOUR REMOTE TO OPERATE A DEVICE USING THE DVD MODE KEY

Any type of device may be set up to operate in DVD mode. Refer to the code list sections to find the codes listed for the brands of your devices.

- 1 On the remote control, press and hold the **DVD** mode key until the LED begins flashing.
- 2 Press and release the appropriate mode key (**TV**, **SAT**, or **VCR**), corresponding to the type of device you want to operate in DVD mode. The LED will stop flashing and remain on.
- 3 Select a code from the appropriate code list for the brand of device you wish the remote to operate, then enter the code using the numeric keys on the remote. This code should be one selected from the following sections:
 - TELEVISION if you pressed the **TV** mode key in step 2 above
 - SATELLITE if you pressed the **SAT** mode key in step 2 above
 - VCR, TV/VCR COMBO, or DVD if you pressed the **VCR** mode key in Step 2 above.After you press the last digit, the LED should flash rapidly and turn off. If the LED does not flash rapidly before turning off, repeat the procedure, starting at step 1 above, using a valid code from the appropriate code list.
- 4 Point the remote at the device and press **POWER**. If the device turns on/off, then the remote has been set up with a code that can control the device. However, test other primary functions to see if you have entered the best code for operating the device. If necessary, try another code listed for your brand of device, starting at step 1 above. For reference, write the codes below

DVD code ____ ____ ____ circle one (TV, SAT, VCR, TV/VCR COMBO, DVD)

If none of the codes listed for your device works, the CodeScan™ 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 set up the remote to operate (TV, SAT, VCR, TV/VCR COMBO, DVD).
- 2 On the remote control, press and hold the **DVD** mode key until the LED begins flashing.
- 3 Press and release the appropriate mode key (**TV**, **SAT**, or **VCR**), corresponding to the type of device you want to operate in DVD mode. The LED will stop flashing and remain on.
- 4 Press and release **POWER**. The LED will remain on.
- 5 Point the remote control at the device, Press and release the **UP ARROW** key repeatedly and slowly. Each time you press the key, the remote sends the power-off command using a different device code. When the device turns off, that means that the remote has a code that can control the device. 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.
- 6 Test whether other primary key functions operate (including **POWER** to turn the device ON again). If a primary key function does not work, continue to press the **UP ARROW** key to find another code that turns the device OFF. Then test the primary key functions again.
- 7 When you are satisfied that all primary functions are working, press **SELECT** to lock in the code. The LED should flash rapidly and turn off.

7 PROGRAMMING VOLUME CONTROL

You can set up the remote control so that it controls volume through either the satellite receiver or the television (this procedure does not affect the device codes you set previously).

- 1 Press and hold the **SAT** until the LED begins flashing.
- 2 Press the mode key of the device that you want to control volume (**TV** or **SAT**). The LED should flash rapidly and turn off. Volume is now controlled through the specified device.

8 TELEVISION CODES

AOC	005 • 006 • 019 • 020 • 120 • 140 • 163 • 173
Admiral	003 • 018 • 034 • 041 • 090 • 125 • 129
Aiko	024
Aiwa	090
Akai	000 • 032 • 070 • 149 • 172
Alaron	034
Amark	120 • 224 • 225
Amstrad	033
Anam	005 • 009 • 021 • 041 • 120 • 121
Anam National	211
Archer	120
Audiovox	024 • 041 • 120 • 170
Bell & Howell	018 • 090
Broksonic	005 • 144 • 172 • 173 • 174
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 • 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 • 032 130 • 170 • 172 • 214 • 215 • 224
Daytron	026 • 192 • 194 • 224
Denon	169
Dimensia	125
Dumont	001
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 • 187 • 203 • 204 • 205 222 • 224 • 225 • 227
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 • 195 • 206 • 207 • 211
Goldstar	005 • 023 • 026 • 045 • 046 • 088 • 168 172 • 173 • 194 • 213 • 224 • 225
Gradiente	060
Hallmark	023 • 172
Harman Kardon	062
Hinari	034 • 187
Hitachi	018 • 023 • 026 • 048 • 049 • 050 051 • 052 • 053 • 054 • 055 • 126 169 • 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 • 224 057 • 058 • 059 • 060 • 186
JVC	056
Jensen	041
KEC	224 • 225
KMC	026 • 039 • 041 • 172 • 224 • 225
KTV	061
Kawasho	006
Kenwood	022 • 062 • 110
Kloss	022 • 062 • 110
LXI	003 • 010 • 066 • 090 • 117 • 125 • 129 131 • 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 • 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 • 164 • 167 • 172 173 • 175 • 192 • 194 • 224 • 225
Majestic	018
Marantz	006 • 010 • 066 • 068 • 088 149 • 151 • 163 • 172
Matsui	032 • 109
Memorex	018 • 032 • 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 • 191 • 192 • 194 • 213
National	011 • 151 • 190 • 195 • 196 • 211 113 • 118
Nikkai	062
Novabeam	041
Onwa	012 • 090 • 166
Optimus	129
Optonica	204
Orion	091
Osume	008 • 009 • 010 • 011 • 012 • 066 151 • 165 • 195 • 196 • 211
Panasonic	005 • 006 • 025 • 064 • 065 • 067 • 068 • 110 149 • 151 • 163 • 169 • 172 • 224 • 225

Philips	005 • 010 • 025 • 027 • 066 • 068 • 088 146 • 151 • 163 • 164 • 220 • 225
Pioneer	002 • 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 • 195 • 211
RCA	003 • 005 • 008 • 014 • 048 • 078 • 079 080 • 082 • 084 • 085 • 086 • 087 • 125 130 • 134 • 149 • 172 • 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
SAА	145
SSS	005 • 041
Saba	051
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
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
Soundesign	023 • 025 • 034 • 041 • 172
Spectricon	120
Starlite	041

Supra	022 • 023
Sylvania	006 • 010 • 025 • 064 • 065 • 066 • 068 • 110 112 • 151 • 163 • 172 • 173 • 192 • 194 • 229
Symphonic	132 • 179
TMK	023 • 172 • 213
Tandy	112 • 113 • 129
Tatung	009 • 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
Teletech	032
Thomson	051
Toshiba	016 • 017 • 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 • 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

9 VCR CODES

ASA	065 • 134
Aiwa	056 • 088 • 166 • 202
Akai	008 • 013 • 014 • 015 • 016 • 018 • 019 020 • 060 • 068 • 086 • 198 • 210
Alba	046
Amstrad	088
Audio Dynamics	030 • 086 • 093 • 210
Audiovox	166
Broksonic	005 • 008 • 059 • 148 • 198
Bush	089
Candle	042 • 056 • 080 • 092 • 093 • 149
Canon	042 • 054 • 184
Capehart	046
Citizen	056 • 091 • 092 • 093 • 166
Craig	044 • 082 • 091 • 166
Curtis Mathes	051 • 054 • 088 • 092 • 105 • 149 • 184
DBX	030 • 086 • 093 • 210
Daewoo	034 • 046 • 093 • 150 • 204 • 206
Daytron	046 • 206
Dimensia	105
Dual	210
Dumont	049
Dynatech	088 • 161
Electrohome	068 • 166
Emerson	005 • 006 • 008 • 009 • 010 • 011 • 012 • 056 059 • 068 • 088 • 090 • 132 • 148 • 166 • 190 192 • 193 • 198 • 204 • 211 • 212 • 213
Ferguson	210
Finlandia	049
Finlux	049 • 065 • 088 • 134
Fisher	048 • 049 • 081 • 082 • 084
Funai	088
General Electric	025 • 033 • 050 • 051 • 052 • 054 091 • 105 • 133 • 149 • 184 • 194
Go Video	057 • 058 • 164 • 165 • 186

Goldstar	030 • 033 • 056 • 092 • 102 • 166
Goodmans	085 • 089 • 161
Graetz	210
Granada	049 • 081
Grundig	065 • 134
Harman Kardon	030 • 069
Hinari	089
Hitachi	037 • 038 • 040 • 041 • 086 088 • 094 • 095 • 121 • 210 018 • 210
ITT	184
Instant Replay	184
JC Penney	030 • 050 • 052 • 054 • 080 • 081 • 091 092 • 093 • 094 • 114 • 149 • 166 • 184
JCL	184
JVC	030 • 061 • 062 • 063 • 064 • 081 086 • 092 • 093 • 122 • 123 • 210
Jensen	060 • 086 • 210
Kenwood	062 • 081 • 086 • 088 • 092 • 093 • 210
LXI	088 • 166
Lloyd	088
Logik	089
Luxor	018
MEI	054 • 184
MGA	067 • 068 • 183 • 211
MTC	080 • 088 • 091
Magnavox	027 • 034 • 050 • 054 • 065 • 076 • 085 088 • 111 • 130 • 134 • 136 • 137 • 138 139 • 141 • 143 • 158 • 159 • 184
Marantz	030 • 054 • 065 • 081 • 085 • 092 093 • 102 • 134 • 159 • 161 • 184
Marta	166
Memorex	033 • 049 • 054 • 066 • 081 • 082 085 • 088 • 114 • 161 • 166 • 184
Minolta	094
Mitsubishi	062 • 067 • 068 • 069 • 070 • 071

Mitsubishi (cont.)	124 • 125 • 140 • 183 • 211
Multitech	088 • 089 • 091
NAD	073 • 153
NEC	030 • 031 • 032 • 062 • 081 • 086 • 092 093 • 102 • 127 • 128 • 160 • 210
National	184
Nordmende	210
Hitachi	114 • 166
Optimus	085 • 130 • 161
Orion	005 • 006
Panasonic	023 • 024 • 026 • 054 • 078 • 098 114 • 129 • 139 • 149 • 184
Pentax	037 • 092 • 094
Philco	054 • 088 • 111 • 184
Philips	054 • 065 • 085 • 088 • 134 • 154 • 155 • 161 • 184
Pioneer	062 • 073 • 074 • 075 • 076 • 093
Portland	046 • 093 • 206
Proscan	105
Pulsar	033
Quartz	081
Quasar	054 • 078 • 114 • 129 • 149 • 184
RCA	025 • 026 • 027 • 028 • 037 • 051 • 088 091 • 094 • 105 • 147 • 184 • 194
Radio Shack	068 • 081 • 082 • 084 • 085 • 088 091 • 114 • 130 • 161 • 166 • 184
Realistic	049 • 054 • 080 • 081 • 082 • 084 • 085 088 • 091 • 130 • 149 • 161 • 166 • 184
Ricoh	000
SBR	065 • 131
Saba	210
Saisho	006 • 009 • 212
Salora	067 • 081 • 183
Samsung	015 • 034 • 079 • 080 • 091 • 165 • 186 • 204
Sansui	032 • 062 • 086 • 093 • 210
Sanyo	044 • 048 • 049 • 081 • 082 • 083 • 084

Schaub Lorenz	210
Schneider	089
Scott	008 • 009 • 034 • 059 • 090 183 • 198 • 204 • 212 • 213
Sears	048 • 049 • 081 • 082 • 084 • 094 • 166
Sentra	046
Sharp	068 • 085 • 130 • 161
Signature	088
Sony	000 • 001 • 002 • 003 • 004 • 007 • 180
Soundesign	088
Sylvania	050 • 054 • 067 • 088 • 111 • 159 • 183 • 184
Symphonic	088
TMK	006 • 190
Tandy	068 • 081 • 082 • 084 • 085 • 088 • 161
Tashiko	088
Tatung	086 • 210
Teac	086 • 088 • 210
Technics	114
Teknika	054 • 087 • 088 • 166 • 184
Telefunken	210
Thomson	210
Thorn	037
Toshiba	034 • 035 • 067 • 084 • 086 • 090 • 183 • 204 • 210
Totevision	080 • 091 • 166
Unitech	080 • 091
Vector Research	030 • 092 • 093 • 183
Victor	062
Video Concepts	030 • 068 • 088 • 092 • 093
Videosonic	091
Wards	027 • 054 • 068 • 080 • 082 • 085 • 088 089 • 090 • 091 • 130 • 161 • 184
Yamaha	030 • 081 • 086 • 088 • 092 • 093 • 210
Zenith	000 • 033 • 062 • 088

10 DVD CODES

Denon	110 • 112 • 113 • 185
Fisher	177
Funai	115
General Electric	200 • 205
Goldstar	196
Hitachi	116
JVC	117
Kenwood	119 • 216
Magnavox	120 • 170 • 171 • 172 • 173
Mitsubishi	120 • 171 • 174 • 175
NAD	120
Onkyo	171
Panasonic	176 • 177 • 182 • 185 • 188
Philips	170 • 171 • 172
Pioneer	120 • 189 • 191
Proscan	200 • 205
Quasar	177
RCA	195 • 199 • 200 • 205
Radio Shack	115
Runco	207
Samsung	171 • 208 • 209
Sharp	216
Sony	101 • 103 • 108
Technics	176 • 177 • 182
Toshiba	171 •

11 TV/VCR COMBO CODES

Aiwa	251	Proscan	233
Audio Dynamics	238	Pulsar	248
Broksonic	219 • 226	Quasar	231 • 241 • 242
Curtis Mathes	231 • 241	RCA	231 • 233 • 241 • 251
DBX	238	Radio Shack	230 • 242
Daewoo	247 • 250 • 252	Realistic	223 • 251
Electrohome	240	Runco	243
Emerson	219 • 223 • 226 • 251 • 253	Samsung	221 • 244 • 245 • 246 • 247
Funai	251	Sansui	219 • 235
General Electric	231 • 233 • 241 • 248	Sanyo	244 • 245
Goldstar	223 • 230 • 238 • 254	Scott	247
Harman Kardon	238	Sears	223
Hitachi	231 • 241 • 251	Signature	251
JC Penney	223 • 231 • 238 • 241 • 242	Sony	232
JVC	234 • 235 • 238	Soundesign	251
Kenwood	235 • 251	Sylvania	237 • 240 • 251
LXI	223 • 251 • 254	Symphonic	251
MGA	240	Tandy	251
Magnavox	231 • 236 • 237 • 241 • 251	Teac	251
Marantz	237 • 238	Technics	242
Marta	223	Teknika	223 • 251
Memorex	223 • 242 • 244 • 245 • 248 • 251	Toshiba	240 • 247
Mitsubishi	239 • 240	Totevision	223
Optimus	242	Vector Research	238
Orion	219 • 226	Victor	235
Panasonic	231 • 241 • 242	Video Concepts	238 • 251
Philco	236 • 237 • 251	Wards	251
Philips	223 • 236 • 237 • 251	Yamaha	238 • 251
Pioneer	235	Zenith	219 • 223 • 235 • 248 • 249 • 251

12 SATELLITE CODES

4DTV	121	Memorex	117 • 137
Alphastar	125	Next Level	122
Amway	139	Norsat	142
Birdview	235	Optimus	117
CI Satellite	146	Orb	223
Cable Innovations	183	Panasonic	123 • 178
Century	148	Pansat	246
Channel Master	147	Philips	117 • 126 • 176
Chaparral	214 • 215 • 216 • 217	Pico	139
Cheyenne	216	Primestar	049 • 115
Citoh	145	Prosat	138
Conifer	142	Proscan	110 • 116 • 141
Curtis Mathes	174	Quick Draw	144
DIRECTV	124 • 132 • 093 • 094 • 095 • 096 • 097 • 098	RCA	110 • 116 • 141
DISH Network	119	Radio Shack	183 • 196 • 197
DISHPlayer	100	Ramsey	139
DX Antenna	115 • 144 • 213	Realistic	230
Drake	149 • 187 • 188 • 189 • 191 • 194	Rural Cable	196
Echostar	113 • 119 • 137 • 150 • 204 • 205 • 206 • 207 • 208	STS	212 • 213
Express VU	119	Samsung	108
Fujitsu	186	Sierra	216
General Instrument	121 • 122 • 134 • 151 • 152 • 153 • 154 171 • 172 • 183 • 196 • 197 • 202	Sony	112
Hitachi	124 • 132	Star Choice	122
Homecable	226	Star Sight	109
Houston Tracker	113	Star Trak	136 • 218 • 219 • 222 • 223
Hughes Network	124 • 132 • 093 • 094 • 095 • 096 • 097 • 098	Strong	136
IQ	212	Super Guide	253
Insight	124	TCE	110
Intersat	241	TeeCom	248 • 251
JVC	119	Toshiba	133 • 134 • 174 • 187
Janeil	178 • 186	Uniden	117 • 126 • 180 • 181 • 182 • 183 • 184 224 • 226 • 227 • 228 • 230 • 232
Kenwood	243	Video Cipher II	186
Legend	137 • 204	Viewstar	185
Macom	134 • 174	Zenith	149 • 174 • 186
Magnavox	117 • 126		

13 MASTER POWER CONTROL

You can program your remote to turn all of your remote-controlled devices (TV, SAT, DVD, VCR) on and off simultaneously 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 master power control for all devices:

- 1 Press and hold a mode key until the LED begins flashing.
- 2 Press **POWER** twice. The LED should flash rapidly and turn off.
- 3 Manually turn on all devices (TV, SAT, DVD, VCR). Test the master Power Control function by pressing **POWER**. All the devices should turn off.

14 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 CodeScan™ method.

- 1 Press and hold a mode key until the LED begins flashing.
- 2 Press **SELECT**. The LED will flash 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.

15 TROUBLESHOOTING

- ?** **Problem**
I programmed the remote, but it won't work my TV, VCR, or Satellite Receiver.
- !** **Solution**
You may have entered the wrong code (or the correct code might not be listed). Try the **Code Scan™** procedure. It will allow you to cycle through all the codes until you find one that works.
Weak batteries may cause the remote to only operate one device or operate intermittently. Replace weak batteries with **NEW** alkaline batteries. If you are sure the batteries are good, try rolling them with your finger (while they are in the remote control) to ensure a good connection.
Finally, make sure that nothing is blocking the signal from the remote control from reaching your TV, VCR, or Satellite Receiver; and make sure that you are pointing the remote control at the correct device when you are pressing a key on the remote.
- ?** **Problem**
My remote control doesn't operate my combination TV/VCR.
- !** **Solution**
If none of the TV/VCR combo codes work, you may need to set up separate TV and VCR codes to operate your TV/VCR.
- ?** **Problem**
I don't get any picture and/or sound from my TV.
- !** **Solution**
Make sure all cables are connected properly and that all devices are powered on. Consult related owners manuals for specific installation and operation instructions for each device.

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