



User's Guide for the



ENT-3000

4-in-1 Cable TV Remote Control for Scientific-Atlanta®

Explorer® 2000 & 3000 Set-Top Boxes

Use this guide in conjunction with your cable converter manual

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 CONGRATULATIONS!

This 4 mode remote control has been programmed to control your Scientific-Atlanta cable converter and can be programmed to control up to three additional entertainment components by following these easy instructions.

The volume and channel controls are set to control the cable converter. This can be modified by following the instructions in sections 7 and 9. This remote has a master power feature for powering all components together. See details in section 8.

2 BEFORE YOU BEGIN

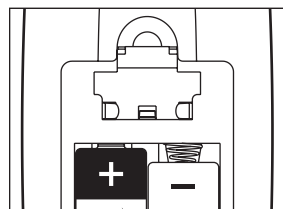
Please plug your television power cord into a separate wall outlet instead of the power outlet on the cable box.

Tune your television to channel 2, 3 or 4 as directed by your cable provider.

3 INSTALL BATTERIES

Two AA batteries must be installed before you can program or operate the remote control.

1. Remove the battery compartment cover located on the back of the remote control.
2. Place the batteries in the compartment in positions matching the picture below.
3. Replace the battery compartment cover.

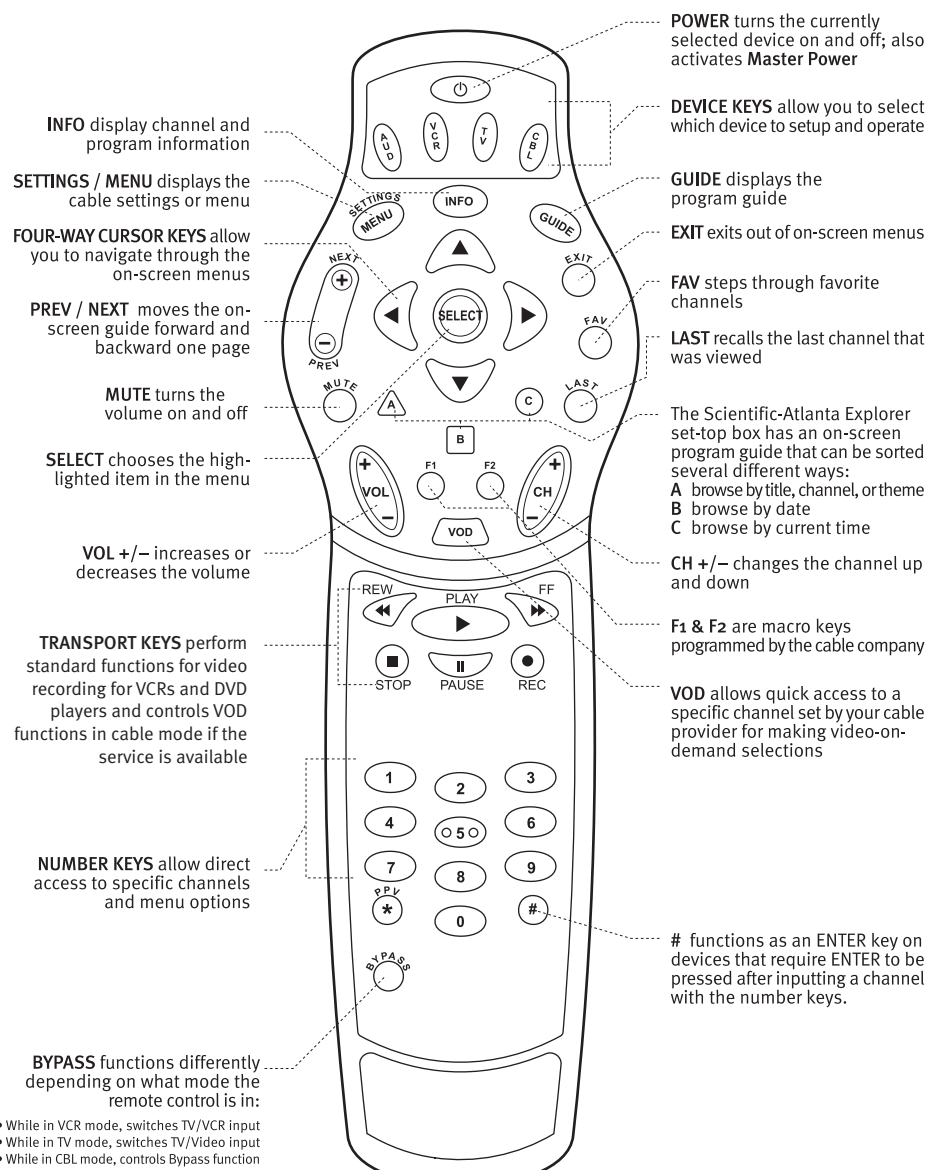


! IMPORTANT NOTE

Use only new AA Alkaline batteries to insure consistent operation

4 KNOW YOUR REMOTE

The diagram below provides a brief description of each key on your universal remote control. US Electronics provides these function descriptions as a general guide to allow you to become more familiar with your remote. Functions may vary between different services. Please refer to your cable converter manual for descriptions of specific functions.



The Enterprise remote control is already programmed with the code for your Scientific-Atlanta® Cable Converter. The following sections will help you program your remote to control your other entertainment components.

5 SMART SCAN™ AUTOMATIC PROGRAMMING

The Smart Scan™ programming instructions can also be found on the battery cover of the remote control. Smart Scan™ will allow you to easily try all the available programming codes for the selected device and find the best match. If you prefer manual programming or already have the device codes you may also program the remote manually using the steps in section 6.

- 1 Turn on power for the device to be programmed.
- 2 Begin the Smart Scan™ procedure by pressing and holding the associated device key (AUX, VCR, TV) until all device keys on the remote begin to flash (approximately 3 seconds). Release the power key.
- 3 If the device your are attempting to program matches the selected device key (e.g. TV component with the TV device key) proceed to step 5.
- 4 If the device your are attempting to program does not match the selected key (e.g. a second VCR programmed to the AUX device), locate the correct prefix code for the device you wish to program from the table listed below. Press and release the prefix code.

Prefix	Device
0	TV
1	VCR/DVD/PVR
4	Audio Receivers
5	Combo Units

- 5 Press and release the POWER key. The device key will stop flashing and remain on.
- 6 Point the remote control at the component.
- 7 Press and hold the UP ARROW key until the component turns off. While holding the UP ARROW key the remote will send a new code approximately once every second. The device button will blink each time a new code is sent. If you pass the code that turns off the component, press the DOWN ARROW key to return to the previous code.
- 8 When the device turns off, you have found a candidate code. Press the power key to turn device back on. Test various functions using the remote control to determine if this code will work. If primary functions do not work, make sure the device is still on then resume Smart Scan™ by pressing the UP ARROW key to find another device code.
- 9 Once you have found a satisfactory code, press SELECT to lock the code. The power of the device must be on. The device key will then flash three times. Go to section 10 to recall and record your device codes. When all the codes have been attempted the device button will flash rapidly.

6 MANUAL PROGRAMMING

To manually set up the Enterprise to operate a device, find the manufacturer of the device in the list of manufacturers' codes. The codes are logically grouped by device type in section 12. Then perform the following steps:

- 1 Press and hold the device key to be programmed until all device keys begin to flash (approximately 3 seconds). Release the key. The selected device key will continue to flash.
- 2 Enter the four digit code for the desired component using the number keys. After pressing the first digit, the device key should light and remain on. If the programming is successful. After the last digit is pressed the device key should flash three times and turn off.

- 3 Test the code by trying various functions. If the primary function keys fail to respond satisfactorily try the next code listed for the manufacturer.

If you have tried all the codes listed for the manufacturer and the device does not respond, try to program the device using Smart Scan™ as described in section 5. Remember to record your device codes in section 11 when you are done.

7 PROGRAMMING VOLUME CONTROL

By default, your Enterprise remote controls cable volume through the Cable Box, and the VCR and DVD through the Television. To allow volume control through a different device:

- 1 Press and hold the CBL device key until all the device keys begin to flash. Release the CBL key. The CBL key will continue to flash.
- 2 Press and release the VOLUME UP key, the CBL key will remain on.
- 3 Press and release the VOLUME DOWN key. The CBL key will turn off when VOLUME DOWN is pressed, and will turn on when released.
- 4 Press and release the key corresponding to the device you wish to use to control volume. (TV or AUD) After you release the key, the CBL key will flash three times and turn off.

To return volume control to the default state:

- 1 Press and hold the CBL device key until all the device keys begin to flash. Release the CBL key. The CBL key will continue to flash.
- 2 Press and release the VOLUME UP key. The CBL device key will stop flashing and stay on. Press and release the VOLUME DOWN key, and then press and release the OK key. After you release the OK key, the CBL device key will flash three times and turn off.

8 MASTER POWER CONTROL

The Master Power function allows you to turn off and on two or more devices simultaneously with a single press of the power button. The following steps describe how to program the Master Power Control function:

- 1 Press and hold the CBL device key until all the device keys begin to flash. Release the CBL key. The CBL key will continue to flash.
- 2 Press and release the POWER key.
- 3 Individually press and release each device key corresponding to the components you wish to be controlled by Master Power. NOTE: If no keys are pressed in this step, no change will occur in Master Power programming.
- 4 Press and release the POWER key. The CBL key will flash three times and turn off.
- 5 Manually turn on all devices. Then test the Master Power control by pressing the POWER key.

To disable Master Power, repeat the previous steps selecting only one device for Master Power (any device can be selected). The remote will now control the power ON/OFF of each device separately.

NOTE: Once Master Power has been programmed for two or more devices, pressing the POWER key in normal operation will cause the remote to transmit the POWER on/off commands for those devices selected during Master Power programming.

To override this and transmit a POWER on/off command for a device not included in the Master Power selection, press the DEVICE key for that device and immediately press the POWER key.

9 CHANNEL LOCK

Channel Lock causes channel up and down functions to always operate the cable converter independent of the device (TV, CBL, VCR, or AUD) currently selected. The Enterprise comes with Channel Lock activated. If you want the remote control to operate the channel function on your TV or VCR, you will need to deactivate Channel Lock:

- 1 Press and hold the CBL device key until all the device keys begin to flash (approximately 3 seconds). Release the CBL key. The CBL key will continue to flash.
- 2 Press and release the CHANNEL UP key.
- 3 Press and release the CHANNEL DOWN key.
- 4 Press the OK key. The CBL device key will flash three times to confirm the procedure.

Repeat these steps to reactivate Channel Lock.

10 RECALLING A DEVICE CODE

Use the following steps to read the code set for a device. This is useful for determining a device code that was set using the Smart Scan™ procedure described in section 4.

- 1 Press and hold the device key to be read until all device keys begin to flash (approximately 3 seconds). Release the key. The selected device key will continue to flash.
- 2 Press and release the OK key. The device key flashes each of the four digits in the code. A pause separates each digit. For example, three flashes represent the number 3, and a rapid flicker represents 0. A code of 1032 will be shown as:

FLASH <pause> FLICKER <pause> FLASH... FLASH... FLASH
<pause> FLASH... FLASH

Count and record the sequence of flashes to determine the four-digit code.

11 RECORD YOUR DEVICE CODES

Now that your have programmed your remote control, write the codes below for later reference:

TV Code: _____ AUD Code: _____
VCR Code: _____ DVD Code: _____
AUX Code: _____ (device _____)

If necessary use the recall instructions to determine the code.

Any of the AV components listed in SECTION 12 can be programmed to any device key by following the steps above. Note: VCR and DVD devices require a TV first be programmed to one of the device keys.

TELEVISION CODES (CONT.)

Daewoo	0005 • 0023 • 0024 • 0026 • 0029 0030 • 0032 • 0130 • 0146 • 0170 0171 • 0172 • 0224	0026 • 0043 • 0044 • 0096 • 0125 0131 • 0072 • 0122 • 0123 • 0129 0172 • 0194 • 0207 • 0224
Daytron	0024 • 0026 • 0192 • 0194 • 0224	0057 • 0058 • 0059 • 0060
Denon	0169	0056
Dimensia	0125	0041
Dixi	0120 • 0146	0224 • 0225
Dumont	0001	0024 • 0225
Electrohome	0026 • 0149 • 0224	0006 • 0163
Emerson	0017 • 0023 • 0026 • 0028 • 0033 0034 • 0035 • 0037 • 0038 • 0039 0041 • 0090 • 0122 • 0132 • 0141 0143 • 0163 • 0171 • 0172 • 0176 0181 • 0203 • 0222 • 0224 • 0225 • 0227	0002 • 0110 • 0175 0003 • 0010 • 0066 • 0090 • 0117 0125 • 0129 • 0131 • 0132 • 0134 0151 • 0172 • 0173 • 0173 • 0194
Envision	0163	0224
Fisher	0042 • 0090 • 0099	0018
Fujitsu	0034	0146
Funai	0024 • 0034 • 0041 • 0132	0018
Futuretech	0041	0023
General Electric	0003 • 0008 • 0009 • 0023 0043 • 0044 • 0125 • 0130 0134 • 0143 • 0163 • 0165 0170 • 0172 • 0182 • 0207 • 0211	0004 • 0005 • 0006 • 0023 • 0034 • 0071 0072 • 0149 • 0163 • 0172 • 0192 • 0194 0005 • 0006 • 0010 • 0016 • 0023 0024 • 0163
Goldstar	0005 • 0023 • 0026 • 0028 • 0045 0046 • 0088 • 0120 • 0146 • 0163 0168 • 0172 • 0173 • 0194 • 0224 • 0225	0024 • 0034 • 0129 • 0131 • 0151 0000 • 0006 • 0008 • 0010 • 0017 0020 • 0024 • 0025 • 0027 • 0028 0034 • 0066 • 0067 • 0068 • 0110 0132 • 0151 • 0163 • 0164 • 0167 0172 • 0173 • 0175 • 0192 • 0194 0200 • 0224 • 0225
Gradiente	0060	0018
Granada	0146	0072
Hallmark	0023 • 0172	0008 • 0018 • 0072
Hinari	0034 • 0146	0088 • 0146 • 0149 • 0151 • 0163 • 0172
Hitachi	0005 • 0018 • 0023 • 0024 • 0026 0044 • 0048 • 0049 • 0050 • 0051 0052 • 0053 • 0054 • 0055 • 0136 0169 • 0172 • 0194 • 0210 • 0224 • 0225	0003 • 0032 • 0070 • 0149 • 0163 • 0172 0008 • 0011 • 0151 • 0190 0196 • 0211 0113 • 0118 • 0146 0041 0012 • 0090 • 0166 0129 • 0141 0037 • 0146 • 0176 0091
Infinity	0010 • 0066 • 0151	0008 • 0009 • 0010 • 0011 • 0012 0066 • 0151 • 0165 • 0196 • 0211
JBL	0010 • 0066 • 0151	0005 • 0006 • 0009 • 0010 • 0024 0025 • 0067 • 0068 • 0110 • 0149 0151 • 0163 • 0169 • 0172 • 0175 0176 • 0224 • 0225
JC Penney	0003 • 0005 • 0006 • 0014 • 0016	0005 • 0010 • 0025 • 0027 • 0066 0068 • 0088 • 0146 • 0151 • 0163 0164 • 0220 • 0225 0176 • 0224 • 0225
JVC	0003 • 0005 • 0006 • 0014 • 0016	0002 • 0008 • 0048 • 0051 • 0076 0131 • 0166
Kenwood	0004 • 0005 • 0006 • 0023 • 0034 • 0071 0072 • 0149 • 0163 • 0172 • 0192 • 0194	0005 • 0006 • 0009 • 0010 • 0024 0025 • 0067 • 0068 • 0110 • 0149 0151 • 0163 • 0169 • 0172 • 0175 0176 • 0224 • 0225
Kloss	0022 • 0110 • 0175	0008 • 0009 • 0010 • 0011 • 0012 0066 • 0151 • 0165 • 0196 • 0211
LXI	0003 • 0010 • 0066 • 0090 • 0117 0125 • 0129 • 0131 • 0132 • 0134 0151 • 0172 • 0173 • 0173 • 0194	0005 • 0006 • 0009 • 0010 • 0024 0025 • 0067 • 0068 • 0110 • 0149 0151 • 0163 • 0169 • 0172 • 0175 0176 • 0224 • 0225
Lloytron	0224	0008 • 0009 • 0010 • 0011 • 0012 0066 • 0151 • 0165 • 0196 • 0211
Lodgenet	0018	0005 • 0006 • 0009 • 0010 • 0024 0025 • 0067 • 0068 • 0110 • 0149 0151 • 0163 • 0169 • 0172 • 0175 0176 • 0224 • 0225
Loewe	0146	0008 • 0009 • 0010 • 0011 • 0012 0066 • 0151 • 0165 • 0196 • 0211
Logik	0018	0005 • 0006 • 0009 • 0010 • 0024 0025 • 0067 • 0068 • 0110 • 0149 0151 • 0163 • 0169 • 0172 • 0175 0176 • 0224 • 0225
Luxman	0023	0008 • 0009 • 0010 • 0011 • 0012 0066 • 0151 • 0165 • 0196 • 0211
MGA	0004 • 0005 • 0006 • 0023 • 0034 • 0071 0072 • 0149 • 0163 • 0172 • 0192 • 0194	0005 • 0006 • 0009 • 0010 • 0024 0025 • 0067 • 0068 • 0110 • 0149 0151 • 0163 • 0169 • 0172 • 0175 0176 • 0224 • 0225
MTC	0005 • 0006 • 0010 • 0016 • 0023 0024 • 0163	0008 • 0009 • 0010 • 0011 • 0012 0066 • 0151 • 0165 • 0196 • 0211
Magnasonic	0024 • 0034 • 0129 • 0131 • 0151	0005 • 0006 • 0009 • 0010 • 0024 0025 • 0067 • 0068 • 0110 • 0149 0151 • 0163 • 0169 • 0172 • 0175 0176 • 0224 • 0225
Magnavox	0000 • 0006 • 0008 • 0010 • 0017 0020 • 0024 • 0025 • 0027 • 0028 0034 • 0066 • 0067 • 0068 • 0110 0132 • 0151 • 0163 • 0164 • 0167 0172 • 0173 • 0175 • 0192 • 0194 0200 • 0224 • 0225	0005 • 0006 • 0009 • 0010 • 0024 0025 • 0067 • 0068 • 0110 • 0149 0151 • 0163 • 0169 • 0172 • 0175 0176 • 0224 • 0225
Majestic	0018	0008 • 0009 • 0010 • 0011 • 0012 0066 • 0151 • 0165 • 0196 • 0211
Marantz	0006 • 0010 • 0066 • 0068 • 0072 0088 • 0146 • 0149 • 0151 • 0163 • 0172	0005 • 0006 • 0009 • 0010 • 0024 0025 • 0067 • 0068 • 0110 • 0149 0151 • 0163 • 0169 • 0172 • 0175 0176 • 0224 • 0225
Matsui	0033 • 0109 • 0146	0008 • 0009 • 0010 • 0011 • 0012 0066 • 0151 • 0165 • 0196 • 0211
Memorex	0018 • 0032 • 0034 • 0072 0090 • 0149 • 0172	0003 • 0005 • 0008 • 0009 • 0014 0028 • 0048 • 0078 • 0079 • 0080 0082 • 0084 • 0086 • 0087 • 0125
Midland	0001 • 0003 • 0165	0008 • 0009 • 0010 • 0011 • 0012 0066 • 0151 • 0165 • 0196 • 0211

VCR/DVD/PERSONAL VIDEO RECORDER CODES

ASA	1065 • 1159	1025 • 1033 • 1050 • 1051
Admiral	1085 • 1178	1052 • 1054 • 1091 • 1105
Aiwa	1056 • 1088 • 1179 • 1202	1133 • 1139 • 1154 • 1158
Akai	1008 • 1013 • 1014 • 1015 • 1016 1018 • 1019 • 1020 • 1068 • 1086 • 1163	1167 • 1174 • 1178 • 1194 • 1205
Alba	1046	1057 • 1058 • 1091 • 1164 • 1165
American High	1054 • 1158	1030 • 1033 • 1056 • 1092 • 1196 1203
Amstrad	1088	1085 • 1089 • 1161
Apex Digital	1221	1061 • 1062 • 1088
Audio Dynamics	1013 • 1030 • 1046 • 1086	1049 • 1081
Audiovox	1056	1065 • 1159
Bell & Howell	1049 • 1081 • 1177	1034
Broksonic	1005 • 1008 • 1059 • 1148	1030 • 1065 • 1069 • 1136 • 1231
Bush	1089	1089
CCE	1176	1013 • 1037 • 1038 • 1040 • 1086 1088 • 1094 • 1095 • 1139 • 1181
Candle	1042 • 1046 • 1054 • 1056 1091 • 1092	1018 • 1086
Canon	1042 • 1054 • 1154 • 1158	1030 • 1046 • 1050 • 1052 • 1054 1056 • 1081 • 1091 • 1092 • 1094 1114 • 1139 • 1154 • 1158
Capehart	1046	1030 • 1046 • 1061 • 1062 • 1063 1064 • 1081 • 1086 • 1092 • 1117 1123 • 1158 • 1168
Carver	1065 • 1136	1013 • 1037 • 1038 • 1040 • 1086 1088 • 1094 • 1095 • 1139 • 1181
Cineral	1176	1018 • 1086
Citizen	1034 • 1046 • 1056 • 1091 • 1092	1030 • 1046 • 1050 • 1052 • 1054 1056 • 1081 • 1091 • 1092 • 1094 1114 • 1139 • 1154 • 1158
Craig	1044 • 1056 • 1082 • 1091	1030 • 1046 • 1061 • 1062 • 1063 1064 • 1081 • 1086 • 1092 • 1117 1123 • 1158 • 1168
Curtis Mathes	1034 • 1051 • 1054 • 1088 1092 • 1105 • 1114 • 1139 • 1154 • 1158	1013 • 1037 • 1038 • 1040 • 1086 1088 • 1094 • 1095 • 1139 • 1181
DBX	1013 • 1030 • 1046 • 1086	1018 • 1086
Daewoo	1034 • 1046 • 1049 • 1150 • 1176	1030 • 1046 • 1061 • 1062 • 1063 1064 • 1081 • 1086 • 1092 • 1117 1123 • 1158 • 1168
Daytron	1046	1013 • 1037 • 1038 • 1040 • 1086 1088 • 1094 • 1095 • 1139 • 1181
Denon	1094 • 1185 • 1227 • 1235	1030 • 1046 • 1061 • 1062 • 1063 1064 • 1081 • 1086 • 1092 • 1117 1123 • 1158 • 1168
Dimensia	1105	1013 • 1037 • 1038 • 1040 • 1086 1088 • 1094 • 1095 • 1139 • 1181
Dual	1086	1030 • 1046 • 1061 • 1062 • 1063 1064 • 1081 • 1086 • 1092 • 1117 1123 • 1158 • 1168
Dumont	1049	1013 • 1037 • 1038 • 1040 • 1086 1088 • 1094 • 1095 • 1139 • 1181
Dynatech	1034 • 1088 • 1161	1030 • 1046 • 1061 • 1062 • 1063 1064 • 1081 • 1086 • 1092 • 1117 1123 • 1158 • 1168
Electrohome	1056 • 1068	1013 • 1037 • 1038 • 1040 • 1086 1088 • 1094 • 1095 • 1139 • 1181
Emerson	1005 • 1006 • 1008 • 1009 • 1011 1012 • 1034 • 1056 • 1059 • 1068 1070 • 1088 • 1090 • 1132 • 1148 1150 • 1169 • 1176 • 1192 • 1215 1205	1030 • 1046 • 1061 • 1062 • 1063 1064 • 1081 • 1086 • 1092 • 1117 1123 • 1158 • 1168
Ferguson	1205	1013 • 1037 • 1038 • 1040 • 1086 1088 • 1094 • 1095 • 1139 • 1181
Finlandia	1049	1030 • 1046 • 1061 • 1062 • 1063 1064 • 1081 • 1086 • 1092 • 1117 1123 • 1158 • 1168
Finlux	1049 • 1065 • 1088 • 1159	1013 • 1037 • 1038 • 1040 • 1086 1088 • 1094 • 1095 • 1139 • 1181
Fisher	1048 • 1049 • 1081 • 1082 • 1084 1189 • 1237	1030 • 1046 • 1061 • 1062 • 1063 1064 • 1081 • 1086 • 1092 • 1117 1123 • 1158 • 1168
Fuji	1054 • 1158	1013 • 1037 • 1038 • 1040 • 1086 1088 • 1094 • 1095 • 1139 • 1181
Funai	1088	1030 • 1046 • 1061 • 1062 • 1063 1064 • 1081 • 1086 • 1092 • 1117 1123 • 1158 • 1168

12 MANUFACTURER CODES

AUDIO RECEIVER CODES

Admiral	4185
Aiwa	4020 • 4033 • 4103 • 4104 4149 • 4150 • 4151 • 4152 • 4173
Akai	4075 • 4119
Bose	4020 • 4211
Carver	4022 • 4083 • 4091 4093 • 4147 4021 • 4170
Casio	4021 • 4170
Cinema Sound	4036
Citation	4052 • 4212
Clarion	4059
Curtis Mathes	4021
Denon	4036 • 4106 • 4107 • 4108 4109 • 4110
Fisher	4083 • 4087 • 4147 • 4158
Garrard	4075
Harman Kardon	4052 • 4113 4160 • 4212
Hitachi	4110
JBL	4078 • 4161
JC Penney	4021 • 4170
JVC	4041 • 4043 • 4044 • 4079

Jensen	4114 • 4206
Kenwood	4058 • 4059 • 4083 • 4087 4135 • 4162 • 4214
LXI	4021
Lloyds	4170
MCS	4021
Magnavox	4028 • 4119 • 4170 • 4210
Marantz	4015 • 4074 • 4081 • 4086 4091 • 4093 • 4099 • 4120 • 4171
Memorex	4151
Mitsubishi	4045 • 4082
Modulaire	4170
NAD	4099
Nakamichi	4074 • 4084 • 4157 • 4217
Onkyo	4050 • 4061 • 4071 • 4085 4096 • 4124 • 4218 • 4219
Optimus	4037 • 4059 • 4075
Panasonic	4038 • 4126 • 4177 • 4200
Parasound	4178
Philips	4015 • 4086 • 4093 • 4181
Pioneer	4023 • 4088 • 4187 • 4221
RCA	4053 • 4063 • 4119 • 4129 • 4130 4158 • 4184 • 4222

Realistic	4018 • 4072 • 4170 • 4185
Rotel	4019 • 4233 • 4234
Sansui	4015 • 4016 • 4063 • 4074 4133 • 4223 • 4224
Sanyo	4083 • 4147
Sears	4021
Sharp	4059 • 4106 • 4135 • 4239
Sony	4000 • 4001 • 4002 • 4003 4004 • 4005 • 4006 • 4007
Sound Stream	4027 • 4030
Teac	4058 • 4074 • 4075 • 4090 4223 • 4225 • 4226
Technics	4056 • 4057 • 4126 4177 • 4199 • 4200
Vector Research	4171 • 4202
Wards	4083
Yamaha	4053 • 4059 • 4145 • 4180 4203 • 4204 • 4227
Yorx	4170
Zenith	4205 • 4206 • 4228

TV/DVD & TV/VCR COMBO CODES

NOTE: Certain combo boxes (single devices that have more than one component built in) must be treated as separate discrete devices. If you are not able to control your combo box with the codes listed below please try to code setup each device (TV, VCR, DVD) separately using the codes found in the corresponding sections.

Aiwa	5251
Audio Dynamics	5238
Broksonic	5219 • 5226 • 5228
Curtis Mathes	5241 • 5251
DBX	5238
Daewoo	5247 • 5250 • 5252
Electrohome	5240
Emerson	