

User's Guide for the

4-in-1 Cable TV Remote Control for Motorola® DCT Set-Top Boxes

Use this guide in conjunction with your cable set-top box manual



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1 CONGRATULATIONS!

This four mode remote control has been programmed to control your Motorola set-top box and can be programmed to control up to three additional entertainment components by following these easy instructions.

2 BEFORE YOU BEGIN

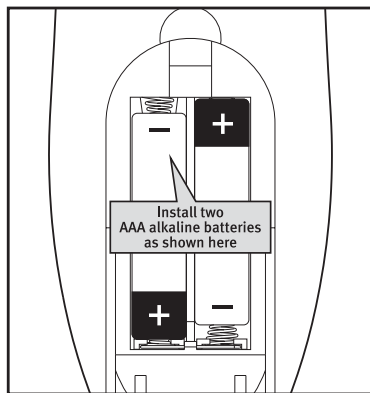
Please plug your television power cord into a separate wall outlet instead of the power outlet on the cable box.

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

3 INSTALL BATTERIES

Two AAA alkaline 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.

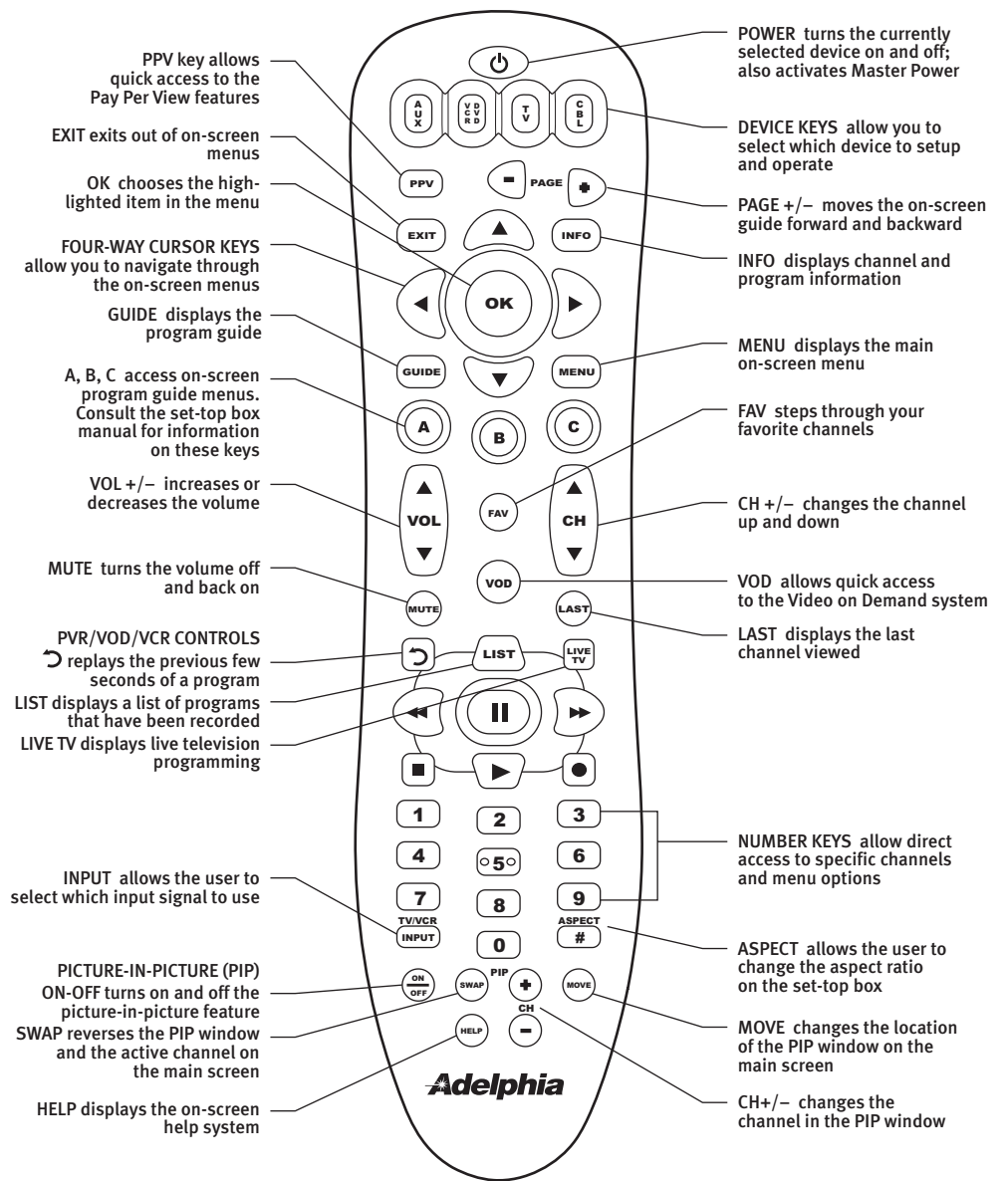


! IMPORTANT NOTE

Use only new AAA Alkaline batteries to insure consistent operation.

4 KNOW YOUR REMOTE

The diagram below provides a brief description of each key on your Adelphia remote control. The function descriptions will allow you to become more familiar with your remote. Functions may vary between different services. Please refer to your set-top box manual for descriptions of specific functions.



The Adelphia remote control is already programmed with the code for your Motorola® set-top box. The following sections will help you program your remote to control your other entertainment components.

5 SMARTSCAN™ AUTOMATIC PROGRAMMING

SmartScan™ 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 the power for the device to be programmed.
- 2 Begin the SmartScan™ procedure by pressing and holding the associated device key (AUX, VCR/DVD, TV) until all device keys on the remote begin to flash (approximately 3 seconds). Release the device key.
- 3 If the device you're 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 you're 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 number key that matches the prefix code.

Prefix	Device
0	TV
1	VCR/DVD
4	Audio Receivers
5	TV 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 selected device.
- 7 Press and hold the UP ARROW key until the device 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 device, 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 SmartScan™ by pressing the UP ARROW key to find another device code.
- 9 Once you have found a satisfactory code, press OK 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 Adelphia remote 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 device using the number keys. After pressing the first digit, the device key will light and remain on. After the last digit is pressed the device key will flash three times and turn off. You will not see any flashes if the code has failed.

- 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 SmartScan™ 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 Adelphia remote controls volume through the TV. 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 (CBL or AUX). 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 (starting with the cable device key). 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 set-top box independent of the device (TV, VCR, or DVD) currently selected. The remote 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.
- 5 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 SmartScan™ procedure described in section 5.

- 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 you have programmed your remote control, write the codes below for later reference:

TV Code: ___ ___ ___ Audio Code: ___ ___ ___
 VCR Code: ___ ___ ___ DVD Code: ___ ___ ___
 AUX Code: ___ ___ ___ Other Code: ___ ___ ___

If necessary use the recall instructions to determine the code.

VCR CODES

ASA	1065 • 1134
Admiral	1085 • 1178
Aiwa	1056 • 1088 • 1202
Aikai	1008 • 1013 • 1014 • 1015 • 1016 • 1018 1019 • 1020 • 1068 • 1086
Alba	1046
American High	1054 • 1158
Amstrad	1088
Audio Dynamics	1013 • 1030 • 1046 • 1086
Audiovox	1056
Bell & Howell	1049 • 1175 • 1177
Broksonic	1005 • 1008 • 1059 • 1148
Bush	1089
CCE	1176
Candle	1042 • 1046 • 1056 • 1080 • 1092 • 1149
Canon	1042 • 1054 • 1154 • 1158
Capehart	1046
Carver	1065 • 1136
Cineral	1176
Citizen	1034 • 1046 • 1056 • 1091 • 1092
Craig	1044 • 1056 • 1082 • 1091
Curtis Mathes	1034 • 1051 • 1054 • 1088 • 1092 1105 • 1114 • 1139 • 1149 • 1154 • 1158
DBX	1013 • 1030 • 1046 • 1086
Daewoo	1034 • 1046 • 1049 • 1150 • 1176
Daytron	1046
Denon	1173
Dimensia	1105
Dual	1086
Dumont	1049
Dynatech	1034 • 1088 • 1161
Electrohome	1056 • 1068
Emerson	1005 • 1006 • 1008 • 1009 • 1010 • 1011 1012 • 1034 • 1056 • 1059 • 1068 • 1070 1088 • 1090 • 1132 • 1148 • 1150 • 1169 1176 • 1190 • 1192
Finlandia	1049
Finlux	1049 • 1065 • 1088 • 1134
Fisher	1048 • 1049 • 1081 • 1082 • 1084 • 1175
Fuji	1054 • 1158
Funai	1088
General Electric	1025 • 1033 • 1050 • 1051 • 1052 1054 • 1091 • 1105 • 1133 • 1139 • 1149 1154 • 1158 • 1167 • 1174 • 1178 • 1194
Go Video	1057 • 1058 • 1091 • 1164 • 1165 • 1186
Goldstar	1030 • 1033 • 1056 • 1092 • 1002
Goodmans	1085 • 1089 • 1161
Gradiente	1061 • 1062 • 1088
Granada	1049 • 1081
Grundig	1065 • 1134
HQ	1034
Harman Kardon	1030 • 1065 • 1069 • 1136
Hinari	1089
Hitachi	1013 • 1037 • 1038 • 1040 • 1086 • 1088 1094 • 1095 • 1139 • 1173
ITT	1018 • 1086
JC Penney	1030 • 1046 • 1050 • 1052 • 1054 • 1056 1080 • 1081 • 1091 • 1092 • 1094 • 1114 1139 • 1149 • 1154 • 1158 • 1173 • 1175
JVC	1030 • 1046 • 1061 • 1062 • 1063 • 1064 1081 • 1086 • 1092 • 1123 • 1158 • 1168
Jensen	1013 • 1086
Kenwood	1046 • 1062 • 1081 • 1086 • 1088 • 1092
Kodak	1056 • 1158
LXI	1034 • 1056 • 1088 • 1173 • 1175
Lloyd	1088
Logik	1089
Luxor	1018
MEI	1054 • 1158
MGA	1067 • 1068 • 1070 • 1169
MTC	1080 • 1088 • 1091
Magnavox	1027 • 1033 • 1034 • 1050 • 1054 • 1065 1076 • 1085 • 1088 • 1111 • 1130 • 1134 1136 • 1137 • 1138 • 1139 • 1158 • 1159
Magnin	1091
Marantz	1030 • 1046 • 1054 • 1065 • 1081 • 1085 1092 • 1002 • 1134 • 1136 • 1139 • 1158 1159 • 1161
Marta	1056
Matsui	1088
Matsushita	1054 • 1114 • 1137 • 1138 • 1139 1154 • 1158
Memorex	1033 • 1049 • 1054 • 1056 • 1066 • 1081 1082 • 1085 • 1088 • 1091 • 1114 • 1158 1161 • 1178
Minolta	1094 • 1173
Mitsubishi	1062 • 1067 • 1068 • 1069 • 1070 1071 • 1124 • 1125 • 1140 • 1169 • 1178
Motorola	1154 • 1158 • 1178
Multitech	1088 • 1089 • 1091 • 1154 • 1174
NAD	1073 • 1153

NEC	1013 • 1030 • 1031 • 1032 • 1046 • 1049 • 1062 1081 • 1086 • 1092 • 1010 • 1128 • 1158 • 1160
National	1054
Nokia	1176
Olympus	1054 • 1158
Optimus	1049 • 1056 • 1088 • 1091 • 1114 1154 • 1178
Optonica	1085 • 1130 • 1161
Orion	1005 • 1006 • 1021
Panasonic	1023 • 1034 • 1054 • 1078 • 1098 • 1114 1129 • 1137 • 1138 • 1139 • 1149 1154 • 1158 • 1170 • 1171
Pentax	1037 • 1092 • 1094 • 1173
Philco	1054 • 1076 • 1088 • 1111 • 1134 • 1137 1138 • 1139 • 1154 • 1158 • 1176
Philips	1034 • 1054 • 1065 • 1085 • 1088 • 1134 1136 • 1138 • 1139 • 1154 • 1155 • 1158 • 1161
Pioneer	1046 • 1062 • 1073 • 1074 • 1075 1076 • 1111
Portland	1046
Proscan	1034 • 1065 • 1105 • 1136 • 1138 1154 • 1173
Pulsar	1033 • 1088 • 1154
Quartz	1081
Quasar	1054 • 1078 • 1114 • 1129 • 1137 1139 • 1149 • 1158 • 1170
RCA	1003 • 1025 • 1027 • 1028 • 1034 • 1037 1051 • 1054 • 1065 • 1088 • 1091 • 1094 1105 • 1136 • 1138 • 1139 • 1147 • 1154 1158 • 1173 • 1178 • 1194
Radio Shack	1054 • 1056 • 1068 • 1081 • 1082 1084 • 1085 • 1088 • 1091 • 1114 1130 • 1154 • 1161 • 1172
Realistic	1049 • 1054 • 1056 • 1080 • 1081 • 1082 1084 • 1085 • 1088 • 1091 • 1130 • 1139 1149 • 1154 • 1158 • 1161 • 1175 • 1178
SBR	1054 • 1056 • 1068 • 1081 • 1082
STS	1173
Saisho	1006 • 1009
Salora	1067 • 1081
Samsung	1015 • 1034 • 1079 • 1080 • 1088 • 1091 1165 • 1174 • 1186
Sanky	1178
Sansui	1013 • 1032 • 1046 • 1062 • 1086 • 1088
Sanyo	1044 • 1048 • 1049 • 1081 • 1082 • 1083 1084 • 1175 • 1176 • 1177
Schneider	1089
Scott	1008 • 1009 • 1034 • 1059 • 1067 • 1070 1090 • 1169 • 1174
Sears	1034 • 1048 • 1049 • 1054 • 1056 • 1081 1082 • 1084 • 1088 • 1094 • 1158 • 1173 • 1175
Semp	1034 • 1080
Sentra	1046
Sharp	1068 • 1085 • 1130 • 1161 • 1178
Signature	1085 • 1088
Sony	1000 • 10001 • 1002 • 1054 • 1158 1088
Soundesign	1088
Sylvania	1050 • 1054 • 1065 • 1067 • 1070 • 1076 1088 • 1111 • 1134 • 1136 • 1137 • 1139 1154 • 1158 • 1159 • 1169
Symphonic	1088
TMK	1006 • 1091 • 1190
Tandy	1049 • 1068 • 1081 • 1082 • 1084 • 1085 1088 • 1161
Tashiko	1088
Tatung	1013 • 1086
Teac	1013 • 1086 • 1088
Technics	1054 • 1114 • 1138 • 1154 • 1158
Teknika	1054 • 1056 • 1087 • 1088 • 1158
Toshiba	1034 • 1035 • 1067 • 1070 • 1084 • 1086 1090 • 1169
Totevision	1056 • 1080 • 1091
Unitech	1080 • 1091
Vector	1034
Vector Research	1030 • 1046 • 1067 • 1092
Victor	1062
Video Concepts	1030 • 1034 • 1046 • 1068 1088 • 1092
Videosonic	1091
Wards	1027 • 1033 • 1054 • 1065 • 1068 • 1080 1082 • 1085 • 1088 • 1089 • 1090 • 1091 1130 • 1136 • 1158 • 1161 • 1173 • 1178
XR-1000	1158
Yamaha	1013 • 1030 • 1046 • 1081 • 1086 1088 • 1092 • 1175
Zenith	1033 • 1062 • 1088

12 MANUFACTURER CODES

TELEVISION CODES

AOC	0005 • 0006 • 0019 • 0020 • 0023 0024 • 0120 • 0140 • 0163 • 0173
Admiral	0003 • 0018 • 0034 • 0041 • 0090 0125 • 0129 • 0176
Aiko	0024
Aiwa	0090
Aikai	0000 • 0032 • 0070 • 0075 • 0107 0108 • 0135 • 0137 • 0149 • 0163 • 0172
Alaron	0034
Amark	0120 • 0224 • 0225
Amstrad	0033 • 0132
Anam	0005 • 0009 • 0021 • 0041 0120 • 0121
Anam National	0211
Apex	0159
Archer	0120
Audiovox	0024 • 0041 • 0120 • 0170
Bang & Olufson	0154
Bell & Howell	0034 • 0129
Bell & Howell	0018 • 0090
Broksonic	0005 • 0010 • 0172 • 0173 0174 • 0176
CXC	0041
Candle	0005 • 0006 • 0022 • 0023 0025 • 0163
Capehart	0019
Carver	0151
Centurion	0028 • 0192 • 0194
Citizen	0005 • 0006 • 0010 • 0016 • 0018 0022 • 0023 • 0024 • 0025 • 0026 0163 • 0172 • 0224
Concerto	0005 • 0010 • 0023
Contec	0041 • 0054 • 0091
Corando	0224
Coronado	0225
Craig	0021 • 0041 • 0203
Crown	00026 • 041
Curtis Mathes	0006 • 0016 • 0018 • 0023 0026 • 0041 • 0059 • 0090 • 0125 • 0131 0151 • 0163 • 0172 • 0192 • 0194 • 0224
Daewoo	0005 • 0023 • 0024 • 0026 • 0029 0030 • 0032 • 0130 • 0146 • 0170 0171 • 0172 • 0224
Daytron	0024 • 0026 • 0192 • 0194 • 0224
Denon	0169
Dimensia	0125
Dixi	0120 • 0146
Dumont	0001
Electrohome	0026 • 0149 • 0224
Emerson	0017 • 0023 • 0026 • 0028 • 0033 0034 • 0035 • 0037 • 0038 • 0039 • 0041 0090 • 0122 • 0132 • 0141 • 0143 • 0160 0163 • 0171 • 0172 • 0176 • 0203 • 0222 0224 • 0225
Envision	0163
Fisher	0042 • 0090 • 0099
Fujitsu	0034
Funai	0024 • 0034 • 0041 • 0132
Futuretech	0041
Gateway	0213
General Electric	0003 • 0008 • 0009 • 0023 0043 • 0044 • 0125 • 0130 • 0134 0143 • 0163 • 0165 • 0170 • 0172 0182 • 0207 • 0211
Goldstar	0005 • 0023 • 0026 • 0028 0045 • 0046 • 0088 • 0120 • 0146 • 0163 0168 • 0172 • 0173 • 0194 • 0224 • 0225
Gradiente	0060
Granada	0146
Grundig	0162
Hallmark	0023 • 0172
Hinari	0034 • 0146
Hitachi	0005 • 0018 • 0023 • 0024 • 0026 0044 • 0048 • 0049 • 0050 • 0051 • 0052 0053 • 0054 • 0055 • 0126 • 0169 • 0172 0177 • 0183 • 0194 • 0210 • 0224 • 0225
Infinity	0010 • 0066 • 0151
JBL	0010 • 0066 • 0151
JC Penney	0003 • 0005 • 0006 • 0014 0016 • 0026 • 0043 • 0044 • 0096 • 0125 0131 • 0134 • 0149 • 0163 • 0165 • 0172 0194 • 0207 • 0224
JVC 0057 • 0058 • 0059	0060 • 0061 • 0185
Jensen	0056
NEC	0041
KMC	0224 • 0225
KTV	0026 • 0039 • 0041 • 0163 • 0172 0224 • 0225
Kenwood	0006 • 0163
Kloss	0022 • 0110 • 0175
LXI	0003 • 0010 • 0066 • 0090 • 0117 0125 • 0129 • 0131 • 0132 • 0134 0151 • 0172 • 0173 • 0194
Lloytron	0224
Lodgenet	0018
Loewe	0146 • 0186
Logik	0018
Luxman	0023
MGA	0004 • 0005 • 0006 • 00023 • 0034 0071 • 0072 • 0149 • 0163 • 0172 • 0192
MTC	0005 • 0006 • 0010 • 0016 • 0023 0024 • 0163
Magnasonic	0024 • 0034 • 0129 0131 • 0151
Magnavox	0000 • 0006 • 0008 • 00010 0017 • 0020 • 0024 • 0025 • 0027 • 0028 0034 • 0066 • 0067 • 0068 • 0110 • 0132 0151 • 0163 • 0164 • 0167 • 0172 • 0173 0175 • 0187 • 0192 • 0194 • 0224 • 0225
Majestic	0018
Marantz	0006 • 0010 • 0066 • 0068 • 0072 0088 • 0146 • 0149 • 0151 • 0163 • 0172
Matsui	0032 • 0109 • 0146
Memorex	0018 • 0032 • 0034 • 0072 0090 • 0149 • 0172
Midland	0001 • 0003 • 0065
Mitsubishi	0004 • 0005 • 0023 • 0034 0070 • 0071 • 0072 • 0122 • 0123 • 0129 0149 • 0172 • 0173 • 0188 • 0192 • 0194
Multitech	0041
NAD	0002 • 0117 • 0131 • 0166 • 0172
NEC	0005 • 0006 • 0007 • 0009 • 0023 0028 • 0036 • 0090 • 0141 • 0149 0163 • 0172 • 0173 • 0191 • 0192 0193 • 0194 • 0195
National	0008 • 0011 • 0151 • 0190 0196 • 0211
Nikkai	0113 • 0118 • 0146
Onwa	0041
Optimus	0012 • 0090 • 0166
Optonica	0129 • 0141
Orion	0137 • 0146 • 0176 • 0212
Osume	0091
Panasonic	0008 • 0009 • 0010 • 0011 0012 • 0040 • 0066 • 0147 • 0151 • 0153 0165 • 0196 • 0197 • 0198 • 0211
Philco	0005 • 0006 • 0009 • 0010 0024 • 0025 • 0067 • 0068 • 0110 • 0149 0151 • 0163 • 0169 • 0172 • 0175 • 0176 0224 • 0225
Philips	0005 • 0010 • 0025 • 0027 0062 • 0066 • 0068 • 0088 • 0146 0148 • 0150 • 0151 • 0161 • 0163 0164 • 0220 • 0225
Pioneer	0002 • 0008 • 0031 • 0048 • 0051 0076 • 0131 • 0166 • 0199 • 0002 • 0204
Portland	0005 • 0024 • 0026 • 0172 0224 • 0225
Proscan	0125 • 0152 • 0172
Proton	0006 • 0013 • 0019 • 0023 0026 • 0120 • 0172 • 0224
Pulsar	0001 • 0024
Quasar	0008 • 0009 • 0012 • 0165 • 0211

RCA	0003 • 0005 • 0008 • 0009 • 0014 0028 • 0048 • 0063 • 0078 • 0079 • 0080 0082 • 0084 • 0086 • 0087 • 0125 • 0130 0134 • 0149 • 0168 • 0172 • 0182 • 0210
Radio Shack	0003 • 0026 • 0041 • 0072 0090 • 0112 • 0141 • 0172 • 0173 0194 • 0224
Realistic	0035 • 0041 • 0090 • 0112 • 0161 0163 • 0172 • 0194 • 0222 • 0224
Runco	0001 • 0163
S55	0005 • 0041
Saba	0051
Saisho	0032 • 0033 • 0109
Sampo	0006 • 0019 • 0156 • 0163 0192 • 0194
Samsung	0005 • 0006 • 0016 • 0023 0026 • 0032 • 0088 • 0112 • 0146 • 0155 0157 • 0158 • 0163 • 0167 • 0172 • 0173 0192 • 0194 • 0205 • 0224 • 0225
Sansui	0176
Sanyo	0041 • 0042 • 0089 • 0090 • 0091 0092 • 0109 • 0184 • 0194
Scott	0026 • 0034 • 0037 • 0041 • 0