

REFERENCE

Programming the Remote

The universal remote can be programmed to control most brands of remote controllable TVs, VCRs, satellite receivers and cable boxes. The remote is already programmed to control most RCA, PROSCAN, and GE TVs, VCRs, DVD players and satellite receivers.

Testing the remote

To determine whether the universal remote needs to be programmed, turn a device ON, such as a VCR, point the remote at the VCR, and press the VCR1 button. Then press ON•OFF or CH ^ (channel up) or CH v (channel down) to see if the VCR responds to the remote commands. If not, the remote needs to be programmed.

Programming the remote

There are two ways to program the remote control: automatic code search and direct entry.

Using Automatic Code Search

The following instructions can be used to program the remote to operate each of the components connected to your DVD Player. If you want to exit the automatic code search without programming any of your components, press CLEAR until the red light on the remote turns off.

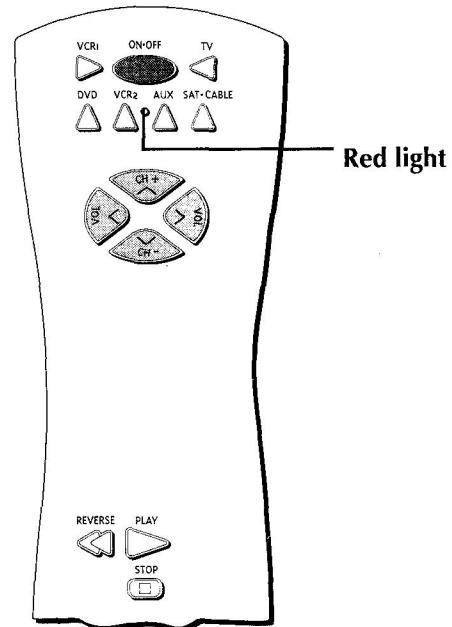
1. Turn on the component you want to operate (VCR, TV, etc.)
2. Press and hold the button you want to program (VCR1, VCR2, etc.). While holding the component button, press and hold ON•OFF until the red light on the remote turns on, then release both buttons.
3. Point the remote at the component. Press and release PLAY, then wait 5 seconds or until the red light on the remote stops flashing.

At this point the remote is searching for the correct code to program. If, after 5 seconds, the component you want to operate does not turn off, press PLAY again to tell the remote to search the next set of codes.

Continue pressing PLAY until the component turns off or you have searched through all of the codes. There are 20 total sets of codes. If the component does not turn off after pressing PLAY 20 times, then the remote cannot be programmed to operate that component.

If the component you want to control *does* turn off:

1. Press and release REVERSE, then wait 2 seconds. Repeat this step until the device turns back ON.
2. To finish, press and hold STOP until the red light on the remote turns off.



You'll use these buttons when you program the remote to operate a component.

The remote may not operate all models of all brands.

Using Direct Entry

1. Turn on the component to be programmed.
2. Look up the brand and code number(s) for the component on the code list in this section.
3. Point the DVD Player's remote at the component.
4. Press and hold the component button on the remote you want to program.
5. Enter the code from the Remote Control code list (pp.78-79).
6. Release the component button, and then press ON•OFF to see if the component responds to the command. If it doesn't, try pressing the component button and then ON•OFF again.
7. If you get no response, repeat these steps using the next code listed for your brand, until the component responds to the remote commands.

To operate another component after you've programmed the remote control:

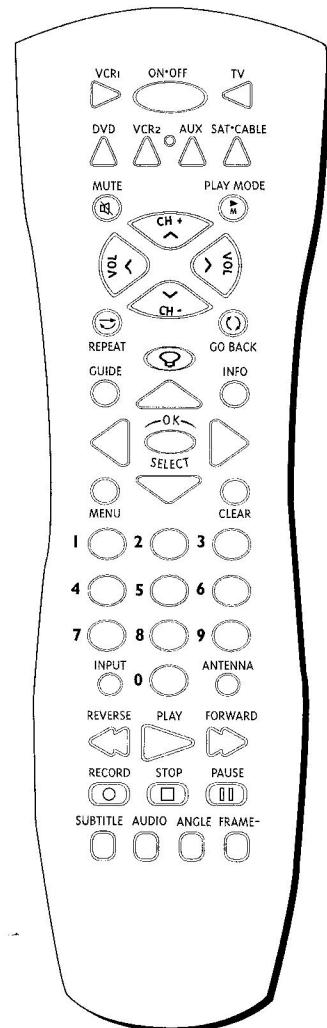
1. Press the appropriate component button (TV, VCR1, VCR2, DVD, AUX or SAT•CABLE) to set the remote to control the component.
2. Press ON•OFF to turn the component ON or OFF.
3. Use the remote buttons that apply to that component.

Modes of Operation

Because this universal remote can control several different components (DVD player, VCR, cable box, etc.) it uses operational modes triggered by the component buttons. For example if you want the remote to control the TV, you would press the TV button to put the remote into TV mode before you could control the TV.

Note:

This remote may not be compatible with all brands and models of components.



This Is Important!

You must *continue pressing* the component button *while* you enter the code.

Let's say you have a Zenith TV. To program the remote to operate the TV you would:

Press and hold the TV button while you enter the first code listed for Zenith in the TV Codes column.

Release the TV button. Press ON•OFF to see if the TV responds. If it doesn't, follow the same steps, but enter the second code instead of the first.

REMOTE CONTROL CODE LIST

TV Codes

Abex 1172
Admiral 1001
Aiko 1016
Alleron 1046
Amtron 1038
Akai 1002
Anam National 1003, 1038
AOC 1004, 1005, 1006, 1007
Audiovox 1038
Belcor 1004
Bell & Howell 1001, 1162
Bradford 1038
Brokwood 1004
Candle 1004, 1006, 1008
Celebrity 1002
Citizen 1004, 1006, 1008, 1016, 1038, 1105, 1171
Colortyme 1004, 1006
Concerto 1004, 1006
Contec/Cony 1012, 1013, 1014, 1038
Craig 1038
Crown 1038, 1171
Curtis Mathes 1000, 1004, 1006, 1015, 1105, 1162, 1171
CXC 1038
Daewoo 1004, 1005, 1006, 1016, 1017, 1018, 1127, 1171
Daytron 1004, 1006, 1171
Dimensia 1000
Dumont 1004, 1151
Electroband 1002
Electrohome 1003, 1004, 1006, 1019, 1022
Emerson 1004, 1006, 1012, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1041, 1042, 1043, 1044, 1046, 1047, 1123, 1124, 1162, 1171, 1179
Envision 1004, 1006
Fisher 1048, 1049, 1050, 1051, 1162, 1180
Fujitso 1046
Funai 1038, 1046
Futuretec 1038
GE 1000, 1003, 1004, 1006, 1022, 1052, 1054, 1055, 1087, 1164, 1165, 1166, 1167, 1168, 1181
Gibralter 1004, 1151
Goldstar 1004, 1005, 1006, 1012, 1019, 1056, 1057, 1058, 1155, 1156, 1171, 1172
Grundy 1038, 1046, 1171
Hallmark 1004, 1006
Harvard 1038
Hitachi 1004, 1006, 1012, 1013, 1059, 1060, 1061, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1148, 1150, 1179
IMA 1038
Infinity 1062
JBL 1062
JCB 1002
JC Penny 1000, 1004, 1005, 1006, 1008, 1022, 1052, 1054, 1058, 1063, 1064, 1072, 1087, 1105, 1128, 1171, 1172, 1181
Jensen 1004, 1006
JVC 1012, 1013, 1054, 1060, 1065, 1066, 1067, 1089, 1157, 1158, 1159
Kawasho 1002, 1004, 1006
Kenwood 1004, 1006, 1019
Kloss Novabeam 1068, 1069, 1183
KTV 1038, 1070, 1171
Loewe 1062

TV Codes

Luxman 1004, 1006
Lxi 1000, 1006, 1049, 1062, 1071, 1072, 1073, 1162, 1181
Magnavox 1004, 1006, 1008, 1019, 1062, 1068, 1069, 1074, 1075, 1076, 1077, 1088, 1089, 1130, 1131, 1132, 1133, 1134, 1183, 1184
Marants 1062
Marantz 1004, 1006, 1062
Megatron 1006, 1059
Memorex 1001, 1006, 1082, 1162
MGA 1004, 1005, 1006, 1019, 1022, 1027, 1051, 1079, 1080, 1082
Midland 1054, 1151, 1171, 1172, 1181
Minutz 1052
Mitsubishi 1004, 1005, 1006, 1019, 1022, 1051, 1079, 1080, 1081, 1082, 1125
Motorola 1003
MTC 1004, 1005, 1006, 1105
Multitech 1038
Multivision 1084
NAD 1006, 1071, 1072
NEC 1003, 1004, 1005, 1006, 1089
Nikko 1006, 1016
NTC 1016
Onwa 1038
Orion 1035
Panasonic 1003, 1054, 1062, 1170
Philco 1003, 1004, 1005, 1006, 1008, 1012, 1019, 1062, 1068, 1069, 1069, 1074, 1075, 1077, 1183, 1184
Philips 1003, 1004, 1008, 1012, 1019, 1062, 1068, 1069, 1074, 1075, 1076, 1086, 1087, 1088, 1089
Pilot 1004, 1171
Pioneer 1004, 1006, 1090, 1091, 1092, 1179
Portland 1004, 1005, 1006, 1016, 1171
Price Club 1105
Prism 1054
PROSCAN 1000, 1181
Proton 1004, 1006, 1012
Pulsar 1151
Pulser 1004
Quasar 1003, 1054, 1070, 1094
Radio Shack/Realistic 1000, 1004, 1006, 1012, 1038, 1049, 1162, 1171, 1172
RCA 1000, 1003, 1004, 1005, 1006, 1007, 1019, 1096, 1098, 1099, 1100, 1101, 1102, 1103, 1129, 1179, 1181, 1187, 1188, 1190
Runco 1151
Sampo 1004, 1006, 1171, 1172
Samsung 1004, 1005, 1006, 1012, 1015, 1019, 1104, 1105, 1106, 1171, 1172
Samsux 1171
Sanyo 1004, 1048, 1049, 1050, 1080, 1107, 1108, 1162, 1180
Scotch 1006
Scott 1004, 1006, 1012, 1024, 1035, 1038, 1046
Sears 1000, 1004, 1006, 1013, 1019, 1046, 1048, 1049, 1050, 1051, 1066, 1071, 1072, 1109, 1110, 1162, 1180, 1181
Sharp 1004, 1006, 1012, 1029, 1111, 1112, 1113, 1122, 1171
Shogun 1004
Signature 1001, 1115
Simpson 1008
Sony 1002
Soundesign 1004, 1006, 1008, 1038, 1046
SSS 1004, 1038
Starlite 1038
Supreme 1002

TV Codes

Sylvania 1004, 1006, 1008, 1019, 1062, 1068, 1069, 1074, 1075, 1076, 1077, 1088, 1116, 1161, 1183, 1184
Symphonic 1033, 1038
Tatung 1003
Technics 1054
Techwood 1004, 1006, 1054
Teknika 1004, 1005, 1006, 1008, 1012, 1013, 1016, 1038, 1046, 1076, 1082, 1083, 1105, 1170, 1171
Telecaption 1117
TMK 1004, 1006
Toshiba 1049, 1071, 1072, 1089, 1105, 1109, 1117, 1118, 1160, 1162
Totevision 1171
Universal 1052, 1087
Victor 1066
Vidtech 1004, 1005, 1006
Wards 1000, 1001, 1004, 1005, 1006, 1019, 1024, 1033, 1046, 1052, 1062, 1069, 1074, 1075, 1076, 1083, 1087, 1088, 1095, 1119, 1120, 1184
Yamaha 1004, 1005, 1006, 1019
Zenith 1004, 1151, 1152, 1153, 1154

REMOTE CONTROL CODE LIST

VCR Codes

Admiral 2131
Adventura 2026
Aiwa 2002, 2026
Akai 2003, 2004, 2111, 2113
American High 2021
Asha 2013
Audio Dynamics 2009, 2010
Audiovox 2014
Bell & Howell 2011
Beaumark 2013
Calix 2014
Candle 2013, 2014, 2015, 2016, 2017, 2018
Canon 2021, 2022
Carver 2062
CCE 2061
Citizen 2013, 2014, 2015, 2016, 2017, 2018
Colortyme 2009
Colt 2061
Craig 2013, 2014, 2023, 2061
Curtis-Mathes 2000, 2002, 2009, 2013, 2016, 2018, 2021, 2022, 2115
Cybernex 2013
Daewoo 2015, 2017, 2026, 2028
DBX 2009, 2010
Dimensia 2000
Dynatech 2002, 2026
Electrohome 2014, 2029
Electrophonic 2014
Emerson 2002, 2014, 2015, 2021, 2026, 2029, 2030, 2032, 2033, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2044, 2045, 2065, 2113, 2116, 2117, 2130
Fisher 2011, 2023, 2048, 2049, 2050, 2051, 2118
Fuji 2021, 2119
Funai 2002, 2026
Garrard 2026
GE 2000, 2001, 2013, 2021, 2022, 2053, 2115, 2120
Goldstar 2009, 2014, 2018, 2054, 2121
Gradiente 2026
Harley Davidson 2026
Harman Kardon 2009
Harwood 2061
Headquarter 2011
Hitachi 2002, 2055, 2056, 2057, 2107, 2111, 2120, 2122
Hi-Q 2023
Instant Replay 2021
JCI 2021
JC Penney 2009, 2010, 2011, 2013, 2014, 2021, 2022, 2055, 2056, 2058, 2059, 2060, 2107, 2118
Jensen 2055, 2056, 2111
JVC 2009, 2010, 2011, 2018, 2058, 2111, 2123
Kenwood 2009, 2010, 2011, 2016, 2018, 2058, 2111, 2123
KLH 2061
Kodak 2014, 2021
Lloyd 2002, 2026
Logik 2061
LXI 2014
Magnavox 2021, 2022, 2062, 2063, 2104, 2108, 2124
Magnin 2013
Marantz 2009, 2010, 2011, 2016, 2018, 2021, 2058, 2062
Marta 2014
Masushita 2021
Mei 2021

VCR Codes

Memorex 2002, 2011, 2013, 2014, 2021, 2023, 2026, 2104, 2131
MGA 2029, 2065, 2113
MGN Technology 2013
Midland 2053
Minolta 2055, 2056, 2107
Mitsubishi 2029, 2055, 2056, 2065, 2066, 2067, 2069, 2070, 2071, 2072, 2073, 2074, 2106, 2113, 2123
Montgomery Ward 2131
Motorola 2021, 2131
MTC 2002, 2013, 2026
Multitech 2002, 2013, 2016, 2026, 2053, 2061
NEC 2009, 2010, 2011, 2016, 2018, 2058, 2111, 2123
Nikko 2014
Noblex 2013
Olympus 2021
Optimus 2014, 2131
Optonica 2096
Orion 2035
Panasonic 2021, 2022, 2109, 2125, 2126, 2127
Pentax 2016, 2055, 2056, 2107, 2120
Pentex Research 2018
Philco 2021, 2022, 2062, 2063
Philips 2021, 2062, 2096, 2124
Pilot 2014
Pioneer 2010, 2055, 2080, 2081, 2123
Portland 2016, 2017, ,
PROSCAN 2000, 2001
Protec 2061
Pristar 2104
Quarter 2011
Quartz 2011
Quasar 2021, 2022, 2125
RCA 2000, 2001, 2003, 2013, 2021, 2055, 2056, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2107, 2115, 2120, 2125
RadioShack/Realistic 2002, 2011, 2013, 2014, 2021, 2022, 2023, 2026, 2029, 2049, 2050, 2096, 2131
Radix 2014
Randex 2014
Roach 2128
Runco 2104
Samsung 2013, 2015, 2033, 2053
Sanyo 2104, 2131
Sansui 2010, , 2111, 2123
Sanyo 2011, 2013, 2023
Scot 2015, 2032, 2035, 2038, 2065, 2093, 2116
Sears 2011, 2014, 2021, 2023, 2048, 2049, 2050, 2051, 2055, 2056, 2107, 2118
Sharp .. 2002, 2017, 2029, 2094, 2095, 2096, 2131
Shintom 2004, 2056, 2061, 2098
Shogun 2013
Signature 2002, 2131
Singer 2021, 2061, 2128
Sony 2002, 2004, 2098, 2099, 2119, 2128
STS 2021, 2107
Sylvania 2002, 2021, 2022, 2026, 2062, 2063, 2065, 2124
Symphonic 2002, 2026
Tandy 2002, 2011
Tashiko 2014
Tatung 2058, 2111
Teac 2002, 2026, 2058, 2085, 2111
Technics 2021, 2109
Teknika 2002, 2014, 2021, 2026

VCR Codes

TMK 2013
Toshiba 2015, 2049, 2051, 2055, 2065, 2093, 2116
Totevision 2013, 2014
Unitech 2013
Vector Research 2009, 2010, 2015, 2016
Victor 2010
Video Concepts 2009, 2010, 2015, 2016, 2113
Videosonic 2013
Wards 2002, 2013, 2014, 2015, 2021, 2023, 2026, 2029, 2055, 2056, 2061, 2096, 2101, 2102, 2103, 2107, 2116, 2131
XR-1000 2021, 2026, 2061
Yamaha 2009, 2010, 2011, 2018, 2058, 2111
Zenith 2004, 2098, 2104, 2119, 2128

REMOTE CONTROL CODE LIST

Cable Box Codes

ABC ... 5002, 5003, 5004, 5005, 5006, 5007, 5053
Antronix 5008, 5009
Archer 5008, 5009, 5010, 5011
Cabletenna 5008
Cableview 5008
Century 5011
Citizen 5011
Colour Voice 5012, 5013
Comtronics 5014, 5015
Contec 5016
Eastern 5017
Garrard 5011
GE Electronics 5009
Gemini 5018, 5019, 5049
General Instrument 5003
Hamlin 5020, 5021, 5022, 5035, 5045
Hitachi 5003
Hytex 5002
Jasco 5011
Jerrold 5003, 5005, 5007,
..... 5018, 5023, 5024, 5046, 5053
Magnavox 5025
Memorex 5026
Movie Time 5002, 5027, 5028
NSC 5002, 5027, 5028
Oak 5002, 5016, 5029
Panasonic 5048, 5052
Paragon 5026
Philips 5011, 5012, 5013,
..... 5019, 5025, 5030, 5031, 5032
Pioneer 5033, 5034
Pulsar 5026
RCA 5047, 5049, 5052
Realistic 5009, 5049
Regal 5022, 5035
Regency 5017
Rembrandt 5003
Runco 5026
Samsung 5014, 5034
Scientific Atlanta 5006, 5036, 5037, 5038
Signal 5014, 5018
Signature 5003
Si Marx 5014
Sprucer 5052
Starcom 5007, 5018, 5053
Stargate 5014, 5018
Starquest 5018
Tandy 5040
Teleview 5014
Tocom 5004, 5023, 5041
Toshiba 5026
Tusa 5018
TV86 5027
Unika 5008, 5009, 5011
United Artists 5002
United Cable 5053
Universal 5008, 5009, 5010, 5011
Videoway 5044
Viewstar 5015, 5025, 5027, 5040
Zenith 5026, 5050, 5051

Satellite Receiver Codes

Chapparal 5056, 5057
Drake 5058, 5059
GE 5000, 5001
General Instuments 5060, 5061, 5062
Panasonic 5075
Primestar 5076
PROSCAN 5000, 5001
RCA 5000, 5001
Realistic 5063
Sony 5072
STS1 5064
STS2 5065
STS3 5066
STS4 5067
Toshiba 5068
Toshiba 5073
Uniden 5069