

VCR BASICS

REMOTE BUTTONS

Your backlit remote has a light button () that glows in the dark. Press this button to light the buttons on the remote. The remote buttons remain lit when they are pressed within a few seconds of each other. If a button is not pressed within approximately seven seconds, the light turns off to conserve battery power.

The remote control is capable of controlling more than just your VCR. If you have compatible ProScan, RCA, or GE components, you may be able to control them without having to program the remote.

COMPONENT BUTTONS

AUX Turns on a compatible ProScan or RCA amplifier receiver or audio/video receiver. Used with the ON•OFF button to turn on a compatible component (if programmed) and sets the remote to control the component.

DVD Controls a compatible ProScan, RCA, or GE DVD player. Use arrow and OK buttons to move around and select items in DVD's menu system.

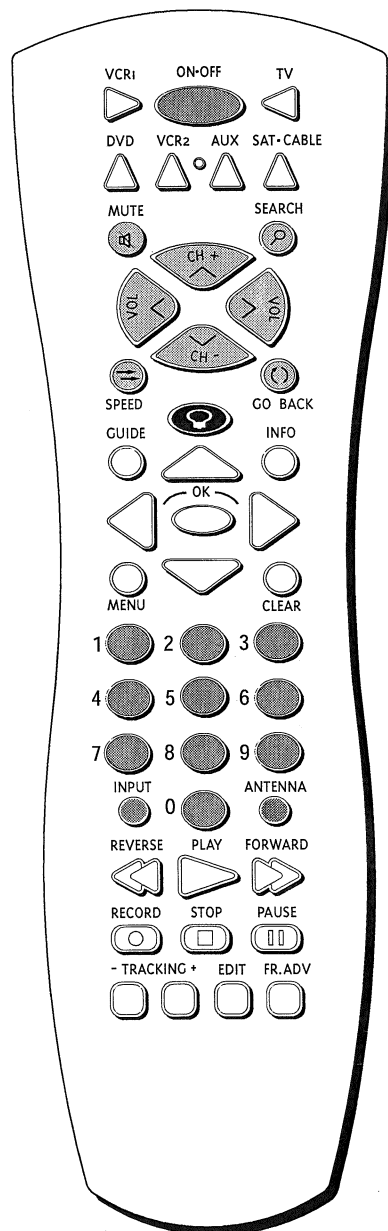
ON•OFF Turns VCR on or off when remote is set to control the VCR. Also turns other compatible components on or off.

SAT•CABLE Turns on a compatible ProScan, RCA, or GE satellite receiver and sets the remote to control the receiver. Can be programmed to control different brands of receivers. Used with the ON•OFF button to turn on a compatible cable box (if programmed) and sets the remote to control the cable box.

TV Turns on a compatible ProScan, RCA, or GE TV and sets the remote to control the TV. Also used with the ON•OFF button to turn on a different brand of TV (if programmed) and sets the remote to control the TV.

VCR1 Turns on a compatible ProScan, RCA, or GE VCR and sets the remote to control the VCR.

VCR2 Turns on a compatible ProScan, RCA, or GE VCR and sets remote to control VCR when it has been set up. Used with ON•OFF button to turn on a compatible ProScan, RCA, or GE LaserDisc player and sets remote to control the player.



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VCR FUNCTION BUTTONS

ANTENNA Switches the picture signal so that it either comes from the VCR or cable/antenna system. Turns VCR indicator in VCR display panel on or off.

Arrow Buttons (◀▶) Allow you to move through the menus, enter data, and change settings of selected features.

CH + and - Selects next higher or lower channel in the VCR's channel memory.

CLEAR Resets time counter to 0:00:00. Allows you to change entries when setting the clock or a timer recording.

EDIT Simultaneously pauses and unpauses two VCRs when dubbing.

FORWARD Fast forwards the tape when the VCR is stopped. Searches forward through a tape during playback. Starts slow motion during play-pause and increases slow-motion speed.

FR.ADV (Frame Advance) Advances the tape one frame at a time during play-pause.

GO BACK Switches between two channels. Select one channel and then select another using the number buttons. Press GO BACK to switch between the two channels.

INFO Shows the status displays on the TV screen.

INPUT Selects between the line inputs and the VCR's tuner. Line input refers to the signal coming from the component connected to the audio/video input jacks on the back or front of the VCR.

MENU Displays and accesses menu system.

Numbers (0 through 9) Select a channel up to 99 by pressing two numbers. Select a cable channel over 99 by pressing and holding 1 until 1 -- appears on the screen. Then press the other two numbers.

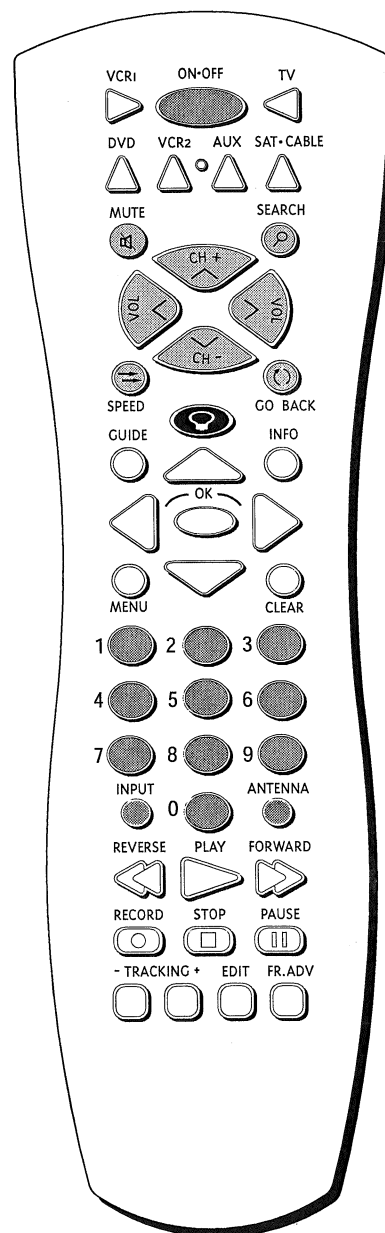
ON•OFF Turns the VCR off or on.

PAUSE Pauses playback or recording. Press PAUSE again to return to playback or recording.

PLAY Plays a tape.

RECORD Starts VCR recording. Also used for express recording.

REVERSE Rewinds the tape when the VCR is stopped. Searches backward through a tape during playback. Starts slow motion during play-pause and decreases slow-motion speed.



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SEARCH Displays MOVIE▶▶ADVANCE screen for prerecorded movies or displays Index and Zero Search menus on TV screen. Starts COMMERCIAL▶▶ ADVANCE skipping during playback.

SPEED Selects a recording speed (SP or SLP).

STOP Stops the current VCR function such as record, playback, rewind, or fast forward.

TRACKING – and + Let you manually reduce the streaks that may appear on the picture during play or slow motion. Reduces picture "jitter" during stop-action (paused) playback.

TV FUNCTION BUTTONS

ANTENNA Switches between antenna system on some TVs.

CH + and – Selects next higher or lower channel in the TV's channel memory.

CLEAR Removes menus or status displays from the screen.

GO BACK Switches between two channels. Select one channel and then select another using the number buttons. Press GO BACK to switch between the two channels.

GUIDE Displays channel guide on some TV's.

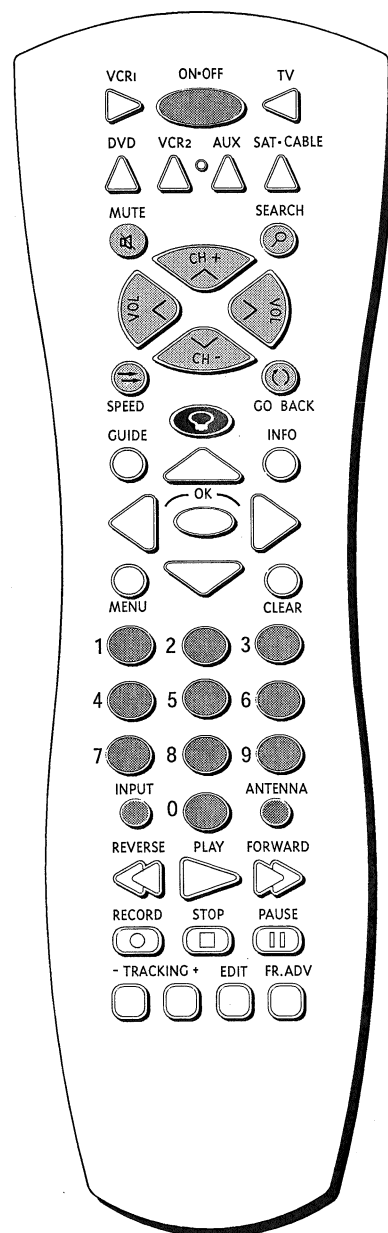
INFO Shows the TV's status displays on the TV screen.

MUTE Reduces volume to minimum level.

Numbers (0 through 9) Select a channel up to 99 by pressing two numbers. Select a cable channel over 99 by pressing and holding 1 until 1 – – appears on the screen. Then press the other two numbers.

ON•OFF Turns the TV on and off.

VOL < and > Raises and lowers sound of TV.



TV Buttons

The TV buttons may not control all features of all models of ProScan, RCA, and GE TVs.

PROGRAM THE REMOTE

CONTROL YOUR OTHER COMPONENTS...

The remote's TV and SAT•CABLE buttons can be programmed to control other brands of remote controllable TVs, digital satellite receivers, and cable boxes. The remote is already programmed to operate most ProScan, RCA, and GE televisions and satellite receivers.

The AUX button can be programmed to control a ProScan or RCA auxiliary component.

1 FIRST THINGS FIRST



2 SETTING UP THE VCR



3 VCR BASICS



4 RECORDING



5 PROGRAM THE REMOTE



6 OTHER FEATURES



7 CONNECTIONS



8 REFERENCE

PROGRAM THE REMOTE

ABOUT PROGRAMMING THE REMOTE

The universal remote's TV and SAT•CABLE buttons can be programmed to control other brands of remote controllable TVs, digital satellite receivers, and cable boxes either by using the Code Search feature or Direct Entry. It is already programmed to operate most ProScan, RCA, and GE televisions and digital satellite receivers.

The AUX button can be programmed to control a ProScan, RCA or GE auxiliary component.

TESTING THE REMOTE

To determine whether the universal remote needs to be programmed, turn the component on (such as a TV), point the remote at the TV, and press the TV button. Then press ON•OFF, CH ^, or CH v to see if the TV responds to the remote commands. If the TV does not respond, the remote needs to be programmed.

PROGRAMMING THE REMOTE

Your remote can be programmed using Automatic Code Search or Direct Entry.

Using Automatic Code Search

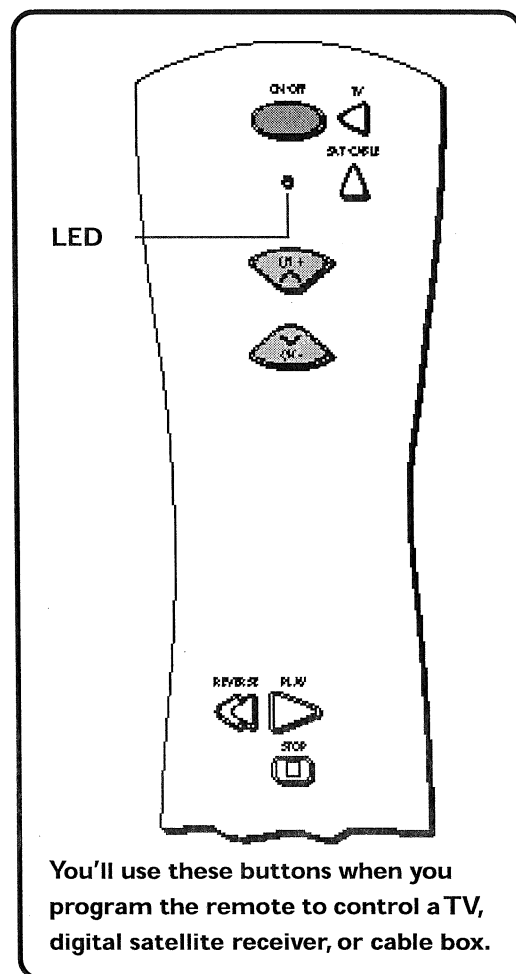
The remote features Code Search, a technology that largely automates the programming process. Follow these steps to program the remote.

1. Turn on the component you want to control (TV, digital satellite receiver, or cable box).
2. Press and hold the button you want to program (TV or SAT•CABLE). While holding the component button, press and hold ON•OFF until the red light (LED-light emitting diode) on the remote flashes, then release both buttons.

3. Press and release PLAY, then wait five seconds.

The remote searches through a set of codes. If, after five seconds, the component does not turn off, press PLAY again to tell the remote to search the next set (20 total) of codes.

4. Repeat step 3 until the component turns off or you have searched through all of the code sets.



PROGRAM THE REMOTE

If the component does not turn off after pressing PLAY 20 times, the remote cannot control that particular component.

5. Press and release REVERSE, then wait two seconds. Repeat this step until the component turns back on. This means the remote has identified the correct code.
6. To finish, press and hold STOP until the LED turns off.

Cancelling Code Search

To cancel Code Search, press and hold CLEAR until the LED turns off.

Using Direct Entry

Direct entry is another way to program your remote if the Automatic Code Search is unsuccessful.

1. Turn on the component to be programmed.
2. Look up the brand and code number(s) for the component in the code list on the following page.
3. Press and hold the button on the remote you want to program.
4. Enter the code from the code list.
5. Release the button, and then press ON•OFF to see if the component responds to the remote commands. If it doesn't, try pressing the component button and then ON•OFF again.
6. Repeat these steps using the next code listed for your brand if you get no response.

USING THE REMOTE TO CONTROL A DEVICE.

Once the remote is programmed successfully, you are ready to use it to control your components.

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

This remote may not operate all models and/or brands of components.

Note the difference between the VCR and other component's on-screen displays to determine which one the remote is operating.

PROGRAM THE REMOTE

TV

ABEX	1172
Admiral	1001, 1173
Adventura	1174
Aiko	1016
Alleron	1046
Amtron	1038
Akai	1002
Anam National	1003, 1038
AOC	1004, 1005, 1006, 1007, 1175, 1176
Audiovox	1038
Belcor	1004
Bell & Howell	1001, 1083, 1162
Bradford	1038
Brokwood	1004
Candle	1004, 1006, 1008, 1174
Capehart	1175
Celebrity	1002
Centurio	1009
Citizen	1004, 1006, 1008, 1016, 1038, 1105, 1171, 1174, 1177
Clairton	1176
Colortyme	1004, 1006
Concerto	1004, 1006
Contec/Cony	1012, 1013, 1014, 1038, 1176
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
Dynatech	1178
Electronband	1002, 1176
Electrohome	1003, 1004, 1006, 1019, 1022
Emerson	1004, 1006, 1012, 1014, 1023, 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, 1176, 1177, 1179, 1191
Envision	1004, 1006
Fisher	1048, 1049, 1050, 1051, 1162, 1180
Fujitsu	1046
Funai	1038, 1046
Futurtec	1038
GE	1000, 1003, 1004, 1006, 1022, 1052, 1054, 1055, 1087, 1164, 1165, 1166, 1167, 1168, 1181
Gibraltar	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
Janeil	1174
JBL	1062
JCB	1002
JC Penney	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, 1182
Kawasho	1002, 1004, 1006
Kaypani	1175
Kenwood	1004, 1006, 1019
Kloss Novabeam	1068, 1069, 1174, 1183
KTV	1038, 1070, 1171, 1176, 1177
Loewe	1062
Logik	1083
Luxman	1004, 1006
LXI	1000, 1006, 1049, 1062, 1071, 1072, 1073, 1162, 1181
Megatron	1006, 1059
Magnavox	1004, 1006, 1008, 1019, 1062, 1068, 1069, 1074, 1075, 1076, 1077, 1088, 1089, 1130, 1131, 1132, 1133, 1134, 1183, 1184
Majestic	1083
Marantz	1062
Marantz	1004, 1006, 1062, 1078
MEI	1176
Memorex	1001, 1006, 1082, 1083, 1162
MGA	1004, 1005, 1006, 1019, 1022, 1051, 1079, 1080, 1082

Midland	1054, 1151, 1171, 1172, 1181
Minutaz	1052
Mitsubishi	1004, 1005, 1006, 1019, 1022, 1051, 1079, 1080, 1081, 1082, 1082, 1125
Montgomery Ward	1083
Motorola	1003, 1173
MTC	1004, 1005, 1006, 1105, 1176, 1178
Multitech	1038, 1178
Multivision	1084
NAD	1006, 1071, 1072, 1185
NEC	1003, 1004, 1005, 1006, 1089
NIKKO	1006, 1016
NTC	1016
Onwa	1038
Optimus	1185
Optonica	1095, 1173
Orion	1035, 1191
Panasonic	1003, 1054, 1062, 1170
Philco	1003, 1004, 1005, 1006, 1008, 1012, 1019, 1062, 1068, 1069, 1074, 1075, 1077, 1183, 1184
Philips	1003, 1004, 1008, 1012, 1019, 1062, 1068, 1069, 1074, 1075, 1076, 1086, 1087, 1088, 089
Pilot	1004, 1171
Pioneer	1004, 1006, 1090, 1091, 1092, 1179, 1185
Portland	1004, 1005, 1006, 1016, 1171
Price Club	1105
Prism	1054
ProScan	1000, 1181
Proton	1004, 1006, 1012, 1093, 1175
Pulsar	1151
Pulser	1004
Quasar	1003, 1054, 1070, 1094
Radio Shack/Realistic	1000, 1004, 1006, 1012, 1038, 1049, 1095, 1162, 1171, 1172
RCA	1000, 1003, 1004, 1005, 1006, 1007, 1019, 1096, 1098, 1099, 1100, 1101, 1102, 1103, 1129, 1179, 1181, 1187, 1188, 1190
Rhapsody	1176
Runco	1151
Sampo	1004, 1006, 1171, 1172, 1175
Samsung	1004, 1005, 1006, 1012, 1015, 1019, 1104, 1105, 1106, 1171, 1172
Samsux	1171
Sansui	1191
Sanyo	1004, 1048, 1049, 1050, 1080, 1107, 1108, 1162, 1169, 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, 1189
Sharp	1004, 1006, 1012, 1029, 1095, 1111, 1112, 1113, 1122, 1171, 1173
Shogun	1004
Signature	1001, 1083, 1115
Simpson	1008
Sonic	1176
Sony	1002
Soundesign	1004, 1006, 1008, 1038, 1046
Squareview	1189
SSS	1004, 1038
Starlite	1038
Supre-macy	1174
Supreme	1002
Sylvania	1004, 1006, 1008, 1019, 1062, 1068, 1069, 1074, 1075, 1076, 1077, 1088, 1116, 1161, 1183, 1184
Symphonic	1033, 1038, 1189
Tandy	1173
Tatung	1003, 1178
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
Universall	1052, 1087
Victor	1066, 1182
Vidtech	1004, 1005, 1006
Viking	1174
Wards	1000, 1001, 1004, 1005, 1006, 1019, 1024, 1033, 1046, 1052, 1062, 1068, 1069, 1074, 1075, 1076, 1083, 1087, 1088, 1095, 1119, 1120, 1184
Yamaha	1004, 1005, 1006, 1019
Zenith	1004, 1151, 1152, 1153, 1154

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
GC 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
SL Marx	5014
Sprucer	5052
Starcom	5007, 5018, 5053
Stargate	5014, 5018
Starquest	5018
Tandy	5040
Televue	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

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

Auxiliary

(For some PROSCAN, RCA, GE and Dimensia brands only)

AM/FM	0003
Auxiliary Component	0004
CD	0007
DSS1	0008
DSS2	0011
DVD	0010
Phono	0005
Tape	0006

Cable Box

ABC	5002, 5003, 5004, 5005, 5006, 5007, 5053
Antronix	5008, 5009