

PROGRAMMING THE TV REMOTE TO OPERATE ACCESSORY DEVICES

The Auto Search Method of programming the remote control can take several minutes to complete. So before starting, it is recommended that you sit in a comfortable position at least six feet from the accessory device. You will have to hold the remote so that it is pointed at the front of the device for the entire time the search is taking place.

- 1** Turn the accessory device on using the device's power button.
- 2** Press the desired Mode button that corresponds to the type of device you wish to operate—CBL, VCR, AMP, HD, SAT, DVD, or CD. A green light will indicate the mode labeled on the top of the button, while a red light will indicate the mode labeled on the bottom of the button. If needed, hold the button down and the light will toggle between the green and red settings.
- 3** Press and hold the 1 and 3 Digit (Number) buttons at the same time until the Backlight and selected Mode buttons light up. Then release both buttons.
- 4** Press and release the red POWER button on the remote control. The Backlight buttons and the selected Mode button will turn off.

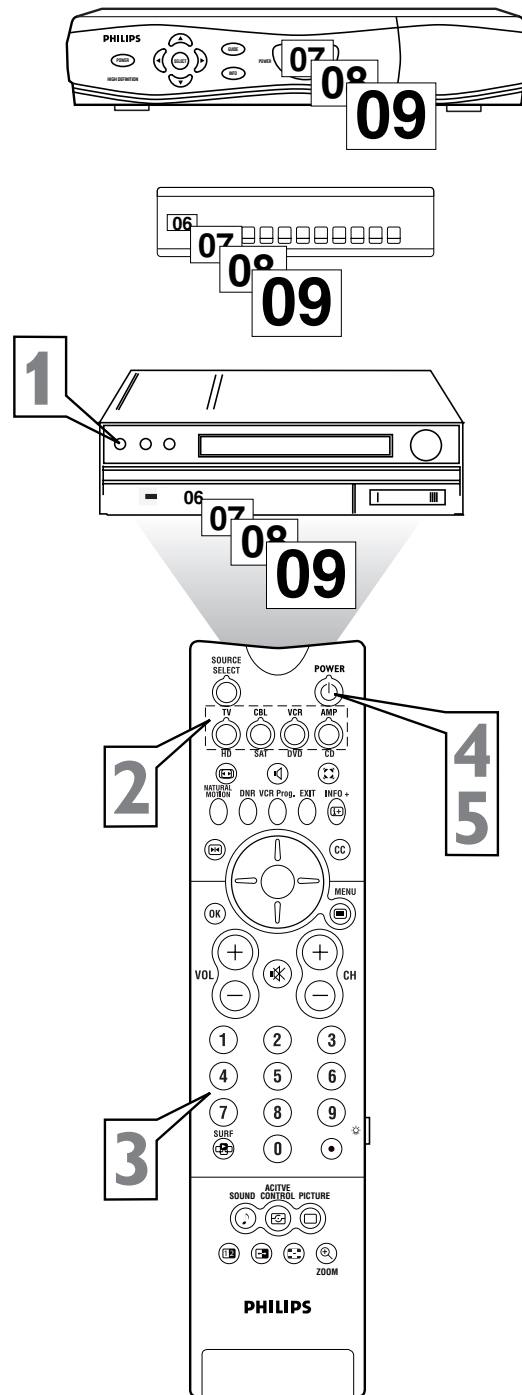
The remote will start the Auto Search of all available codes, sending a command to channel up. The backlight will blink after each code is tried. For devices such as DVD or CD players, insert a disc and press PLAY on the device. The remote control will send a command to switch to the next track. Switch AV receivers to the tuner function.

IMPORTANT: Watch the channel indicator of your accessory device closely. Once the right code is found, the channels on your device will start to scan up.

- 5** Press and release the red POWER button on the remote control as soon as the channels start to change. The Backlight buttons and selected Mode button will blink twice to indicate the Auto Search code setup is complete.

NOTE: If any other buttons are pressed during the procedure, the Auto Search will end.

Remember, Auto Search can take several minutes to complete, so please be patient.





SETUP CODES FOR ACCESSORY DEVICES

Amplifier

Aiwa	.0433
Carver	.0296
Curtis Mathes	.0327
Denon	.0187
GE	.0105
Harman/Kardon	.0919
JVC	.0358
Linn	.0296
Magnavox	.0296
Marantz	.0296, 0348
Nakamichi	.0348
Optimus	.0422
Panasonic	.0335
Philips	.0296, 0919
Pioneer	.0040, 0327
Realistic	.0422
Sansui	.0348
Sony	.0716, 0247
Soundesign	.0105
Technics	.0335
Victor	.0358
Wards	.0040, 0105
Yamaha	.0381

Cable Box

ABC	.0030, 0028, 0034, 0035, 0038, .0040, 0041, 0044
Allegro	.0180, 0342
Americast	.0926
Antronix	.0049
Archer	.0049, 0180, 0824
Belcor	.0083
Bell & Howell	.0041
Cable Star	.0083
Cabletenna	.0049
Cableview	.0049
Century	.0180
Citizen	.0180, 0342
Colour Voice	.0052
Comtronics	.0067
Contec	.0046
Eastern	.0029
Emerson	.0824
Everquest	.0042, 0067
Focus	.0427
GC Electronics	.0083
Garrard	.0180
Gemini	.0042
General Instrument	.0303, 0503, 0038, 0837
GoldStar	.0067, 0171
Goodmind	.0824
Hamlin	.0047, 0036, 0286, 0061
Hitachi	.0038
Hytex	.0034
Jasco	.0042, 0180, 0342
Jerrold	.0030, 0039, 0303, 0041, .0038, 0503, 0042, 0837
Memorex	.0027
Movie Time	.0090
NSC	.0090
Oak	.0046, 0034
Optimus	.0048
Panasonic	.0048, 0134, 0027
Paragon	.0027
Philips	.0052, 0180
Pioneer	.0171, 0560, 0904
Popular Mechanics	.0427
Pulsar	.0027
Quasar	.0027

RCA	.0048
Radio Shack	.0042, 0342, 0910, 0824
Recoton	.0427
Regal	.0047, 0286
Regency	.0029
Rembrandt	.0038
Runco	.0027
SL Marx	.0067
Samsung	.0067, 0171
Scientific Atlanta	.0035, 0044, 0504, 0904
Signal	.0042, 0067
Signature	.0038
Sprucer	.0048
Starcom	.0030, 0042
Stargate	.0067, 0042, 0824
Starquest	.0042
Sylvania	.0028
TV86	.0090
Tandy	.0285
Televue	.0067
Texscan	.0028
Tocom	.0039, 0040
Toshiba	.0027
Tusa	.0042
Unika	.0180, 0049
United Artists	.0034
Universal	.0049, 0083, 0180, 0218
Viewstar	.0285, 0090
Zenith	.0027, 0552, 0926
Zentek	.0427

CD Player

Aiwa	.0184
Burmester	.0447
California Audio Labs	.0056
Carver	.0184, 0206, 0464
DKK	.0027
Denon	.0030, 0900
Emerson	.0332
Fisher	.0201, 0206
Garrard	.0420, 0447
Genexxa	.0059, 0332
Harman/Kardon	.0200, 0184
Hitachi	.0059
JVC	.0099
Kenwood	.0055, 0217, 0853, 0064, .0653, 0708
Krell	.0184
LXI	.0332
Linn	.0184
MCS	.0056
MTC	.0447
Magnavox	.0184, 0332
Marantz	.0184, 0056, 0207
Mission	.0184
NSM	.0184
Nikko	.0201
Onkyo	.0128, 0895
Optimus	.0447, 0059, 0206, 0495, .0464, 0332, 0027, 0064, 0172
Panasonic	.0056, 0330
Parasound	.0447
Philips	.0184, 0653
Pioneer	.0059, 0495, 0271, 0332
Proton	.0184
QED	.0184
Quasar	.0056
RCA	.0080, 0332, 0206, 0791
Realistic	.0206, 0207, 0447
Rotel	.0184, 0447
SAE	.0184

Sansui	.0184, 0332
Sanyo	.0206
Scott	.0332
Sears	.0332
Sharp	.0064, 0207, 0888
Sherwood	.0207
Sony	.0027, 0212, 0517
Soundesign	.0172
Tascam	.0447
Teac	.0420, 0447, 0201, 0207
Technics	.0330, 0056
Victor	.0099
Wards	.0080, 0184
Yamaha	.0214, 0063
Yorx	.0488

Surround Sound Receiver

ADC	.0558
Adcom	.0643
Aiwa	.0148, 0432, 0185, 0216
Akai	.0251, 0103
Capetronic	.0558
Carver	.0035, 0216, 0387, 0069
Casio	.0222
Clarinet	.0222
Curtis Mathes	.0107
Denon	.0031, 0798, 0300
Emerson	.0451
Fisher	.0069, 0246, 0387
Garrard	.0451, 0490
Harman/Kardon	.0137, 0216, 0918
Inkel	.0089
JBL	.0137
JVC	.0101
Kenwood	.0054, 0341, 0104, 0069, .0213, 0340
Koss	.0451
LXI	.0208
Linn	.0216
Lloyd's	.0222
MCS	.0066, 0373
Magnavox	.0216, 0418, 0558, 0155, 0222
Marantz	.0216, 0155, 0066
Modulaire	.0222
NAD	.0347
NEC	.0262
Nakamichi	.0374, 0124
Onkyo	.0162, 0407, 0127
Optimus	.0208, 0204, 0213, 0246, .0558, 0765, 0828, 0069, 0697
Panasonic	.0066, 0336, 0545
Penney	.0222
Philips	.0216, 0418
Pioneer	.0107, 0041, 0177, 0558, 0657
Quasar	.0066
RCA	.0081, 0373, 0558, 0387, 0557
Realistic	.0208, 0222, 0190
Sansui	.0216, 0220, 0373
Sanyo	.0246, 0828
Scott	.0190, 0349
Sharp	.0213
Sherwood	.0529, 0518, 0089
Sony	.0185, 0195, 0501
Soundesign	.0697
Teac	.0490, 0190
Technics	.0336, 0066, 0235, 0545
Victor	.0101
Wards	.0081, 0041, 0107, 0185, 0216
Yamaha	.0203, 0213
Yorx	.0222
Zenith	.0884

SETUP CODES FOR ACCESSORY DEVICES



Satellite

AlphaStar	.0799	Daewoo	.0305, 0588, 0047, 0072	Pulsar	.0066
Amplica	.0099	Daytron	.0047	Quarter	.0073
Amway	.0102	Denon	.0069	Quartz	.0073
Astro Industries	.0122	Dynatech	.0027	Quasar	.0062, 0189, 0481, 1189
BSR	.0122	Electrohome	.0064	RCA	.0087, 0176, 0229, 0069, 0132, .0062, 0075, 0133, 0267
Capetronic	.0122	Electrophonic	.0064	Radio Shack	.0027, 1064
Channel Master	.0045, 0239	Emerex	.0059	Radix	.0064
Chaparral	.0080, 0236, 0243	Emerson	.0211, 0029, 0236, 0305, .0148, 0235, 0506, 0588, .0088, 0239, 0027, 0064, 0070	Randex	.0064
Curtis Mathes	.0088, 0099	Fisher	.0074, 0131, 0081	Realistic	.0027, 0131, 0074, 0075, 0064, .0062, 0089, 0073
DX Antenna	.0068	Fuji	.0060, 0062	ReplayTV	.0641, 0643
Drake	.0091, 0272, 0045, 0176	Funai	.0027	Ricoh	.0061
Echostar	.0307, 0802, 0175, 0186, 0296	GE	.0062, 0087, 0075, 0229, 0267	Runco	.0066
Expressvu	.0802	Garrard	.0027	STS	.0069
General Instrument	.0388, 0896, 0654	Go Video	.0459, 0553	Samsung	.0072, 0267
HTS	.0802	GoldStar	.0064, 0065	Sanky	.0066, 0075
Hitachi	.0846	Gradiente	.0035, 0027	Sansui	.0068, 0506, 0027, 0094, 0236, 0298
Homecable	.0265	HI-Q	.0074	Sanyo	.0074, 0073, 0131, 0267
Hughes Network Systems	.0776	Harley Davidson	.0027	Scott	.0211, 0148, 0070, 0072, 0239
Hytek	.0122	Harman/Kardon	.0065, 0108	Sears	.0081, 0132, 0064, 0069, 0027, .0062, 0073, 0074, 0131
IQ	.0237	Harwood	.0099	Semp	.0072
IQ Prism	.0237	Headquarter	.0073	Sharp	.0075, 0089
JVC	.0802	Hitachi	.0069, 0132, 0027, 0068	Shintom	.0099
Janeil	.0179	Hughes Network Systems	.0069	Shogun	.0267
Jerrold	.0388, 0654	JVC	.0094, 0035, 0068	Singer	.0099
Legend	.0296	Jensen	.0068	Sony	.0060, 0061, 0059, 0027, 0062
Macom	.0088, 0045	KEC	.0064, 0305	Sylvania	.0062, 0108, 0027, 0070
Magnavox	.0749, 0751	KLH	.0099	Symphonic	.0027
Memorex	.0296, 0751	Kenwood	.0068, 0094, 0065	TMK	.0235, 0267
Next Level	.0896	Kodak	.0062, 0064	Tatung	.0068
Panasonic	.0179, 0728	LXI	.0064	Teac	.0027, 0068
Philips	.0227, 0749, 0751	Lloyd's	.0027, 0235	Technics	.0062, 0189
Pico	.0102	Logik	.0099	Teknika	.0027, 0062, 0064
Primestar	.0654, 0388	MEI	.0062	Thomas	.0027
RCA	.0593, 0170, 0882	MGA	.0070, 0088, 0267	Tivo	.0645
Radio Shack	.0896	MGN Technology	.0267	Toshiba	.0072, 0239, 0070
Ramsey	.0102	MTC	.0027, 0267	Totevision	.0064, 0267
Realistic	.0079	Magnasonic	.0305	Unitech	.0267
STS	.0237, 0068	Magnavox	.0062, 0108, 0027, 0066, 0176	Vector	.0072
Sony	.0666	Magnin	.0267	Vector Research	.0065
Star Choice	.0896	Marantz	.0108, 0062	Video Concepts	.0072, 0088
Star Trak	.0207	Marta	.0064	Videosonic	.0267
Toshiba	.0109, 0817, 0088	Matsushita	.0062, 0189, 0481	Wards	.0062, 0087, 0089, 0027, 0074, 0239, .0267, 0069, 0075, 0099, 0108, 0176
Uniden	.0265, 0079, 0101, 0397, 0751, .0103, 0749	Memorex	.0131, 0074, 0027, 0064, 0075, .0062, 0073, 0267, 1064, 0334, .0066, 0236, 1189, 1289	White Westinghouse	.0305, 0236
Zenith	.0091, 0883, 0088	Minolta	.0132, 0069	XR-1000	.0099, 0027, 0062

VCR

Admiral	.0075, 0236	Nikko	.0064	Harman/Kardon	.0609
Adventura	.0027	Nikon	.0061	JVC	.0650, 0585
Aiko	.0305	Noblex	.0267	Kenwood	.0561
Aiwa	.0334, 0027, 0064	Olympus	.0062	Magnavox	.0530
Akai	.0133, 0068, 0088	Optimus	.1089, 1189, 0075, 1289, 0064, .1075, 0131, 0189, 0459, 0481	Mitsubishi	.0548
America Action	.0305	Optonica	.0089	Onkyo	.0654, 0530
American High	.0062	Orion	.0506, 0029, 0211, 0236	Panasonic	.0517, 0659
Asha	.0267	Panasonic	.0062, 1189, 0189, 0252, .0481, 0643	Philips	.0530, 0566
Audiovox	.0064	Penney	.0062, 0267, 0064, 0069, 0065, 0081	Pioneer	.0598, 0552, 0659
Beaumark	.0267	Pentax	.0069, 0132	Proscan	.0549
Bell & Howell	.0131	Philco	.0062, 0236, 0506	RCA	.0549
Brocksonic	.0236	Philips	.0108, 0062, 0089, 0645, 1108, 1208	Samsung	.0600
Broksonic	.0148, 0211, 0029, 0236, 0506	Pilot	.0064	Sharp	.0657
CCE	.0099, 0305	Pioneer	.0094	Sony	.0560
Calix	.0064	Portland	.0047	Technics	.0517
Canon	.0062	Profitronic	.0267	Theta Digita	.0598
Capehart	.0047	Proscan	.0087, 0229	Toshiba	.0530
Carver	.0108	Protec	.0099	Yamaha	.0517, 0572
Cineral	.0305			Zenith	.0618, 0530
Citizen	.0305, 0064				
Colt	.0099				
Craig	.0064, 0099, 0074, 0267, 0298				
Curtis Mathes	.0062, 0068, 0087, 0189				
Cybernex	.0267				