

WideOpenWestSM

PROGRAMMING YOUR BASIC CABLE REMOTE CONTROL

The Basic Remote Control is a universal remote control designed to operate all of the features of the basic cable receiver plus all of the basic functions of your television, VCR, and Auxiliary devices.

- 1 Check the brand names of all the devices you will be connecting to your basic cable system (TV, VCR, etc.). You will need a 3-digit code to program your devices. Find the code for each device from the charts on the bottom and reverse sides of this page. Once you find the right code for each device, record it here for quick reference:

TV VCR Other

- 2 Program your devices (TV, VCR, etc.). You will program each device separately. Repeat these steps for each piece of equipment.

- Turn on the device that you want to program (*using the ON/OFF button on the device*).
- Press and release the button on the remote for the device you wish to program (TV, VCR or AUX), then hold down the SET button until the LED indicator blinks twice.
- Release SET and enter the three-digit code for your device. The LED indicator will blink twice.
- Aim the remote at the device and press POWER. The device should turn off. If your device does not respond, try all of the codes listed for your brand of device. The most popular codes for each brand are listed first. Write your code in the boxes above.
- Repeat these steps until each device has been programmed into the remote.
- To operate each device, remember that the remote must be in put into the proper mode.

- 3 Your remote is equipped with five *programmable buttons*: the GREEN CIRCLE and BLUE DIAMOND to the right of the number pad, the POUND (#) sign, and two unmarked buttons—one at the upper left of the remote above the AUX key and one to the left of the MARK FAV key. These will allow you to playback a series of keystrokes by pressing only one button. A button is programmed as follows:

- Press and hold the SET button until the LED indicator blinks twice.
- Release SET and enter **9 9 5**. The LED indicator will blink twice.
- Press the button you want the sequence to be stored on, then enter in your desired sequence of keystrokes (up to 15 keystrokes—if you exceed 15 keystrokes, the sequence will not be stored and you will have to start over again with a shorter sequence).
- Press and hold the SET button until the LED indicator blinks twice. Release SET.

Be sure to include mode keystrokes in your sequence where necessary. For example, if you want to turn on your TV in your sequence, you *must* press the TV button and then the POWER button.

The following example is a sequence that will power on the basic cable receiver (T.E.D.), power on your TV, tune your TV to Channel 3 (or 4 in Cleveland) and then return you to the T.E.D. mode so that the remote is ready to operate your basic cable receiver.

- Press and hold the SET button until the LED indicator blinks twice. Release SET and enter **9 9 5**. The LED indicator will blink twice.
- Press the programmable button you want the sequence to be stored on. Now press the following sequence of buttons: T.E.D., POWER, TV, POWER, TV, 0, 3 (or 4 for Cleveland), T.E.D.
- Press and hold the SET button until the LED indicator blinks twice. Release SET.

To access your sequence, press the programmable button. Please note that the remote must have a clear path to all devices.



REMOTE CONTROL CODES – TV

TV BRAND	CODE	TV BRAND	CODE	TV BRAND	CODE	TV BRAND	CODE
A-Mark	003	Fujitsu	179	Motorola	055, 093	Sears	154, 156, 054, 056, 047, 015, 146, 149, 159, 171, 178, 179
Abex	032	Funai	171, 179, 180	MTC	060, 056, 019, 030, 185	Sharp	093, 165, 039, 157, 386
Admiral	093, 178, 165, 096, 054, 187, 030, 016	Futurtech	180	Multitech	180	Shogun	019
Adventura	046	GE	047, 021, 027, 135, 029, 451, 051, 055, 174, 178, 279, 282	NAD	156, 166, 178	Signature	016, 093
Aiko	092	Gibraltar	017, 019, 030	NEC	030, 056, 019	Simpson	186, 187
Akai	030	GoldStar	056, 178, 001, 019, 030, 032, 039, 106, 409	Nikko	092, 030, 178	Sony	000, 011, 080, 111
Alleron	179, 183	Gradiente	392	Noblex	430	Soundesign	178, 180, 179, 186
Ambassador	177	Grunpy	179, 180	Noshi	018	Spectricon	003
Anam	068, 180	Hallmark	178	NTC	092	Squareview	171
Anam National	055, 180	Harman/Kardon	078	Onwa	180	SSS	019, 180
AOC	019, 185, 003, 030, 052	Harvard	068, 180	Optimus	154, 166, 250	Starlite	180
Archer	003	Hitachi	145, 151, 032, 038, 056, 279, 409, 413	Optonica	093, 165	Supre-Macy	046
Astro Text	379	Infinity	054	Orion	236, 463, 180	Supreme	000
Audiovox	180, 003	Inteq	017	Panasonic	250, 051, 055, 226	Sylvania	054, 096, 020, 028, 030, 381
Belcor	019	Janeil	046	Penney	047, 060, 030, 051, 003, 018, 019, 021, 027, 032, 039, 135, 149, 156, 178	Symphonic	171
Bell & Howell	154, 016	JBL	054	Philco	054, 096, 019, 020, 028, 030	Tandy	093
Bradford	180	JCB	000	Phillips	054, 096, 186	Tatung	055, 003
Brockwood	019	JVC	053, 182	Pilot	019, 030, 039	Technics	250, 051
Broksonic	236, 463, 180, 003	Kawasho	158	Pioneer	166, 038	Technol Ace	179
Candle	092, 030, 046, 056, 186	Kaypani	052	Portland	092, 019, 039	Techwood	056, 003, 051
Capehart	052	KEC	180	Prism	051	Teknika	150, 179, 180, 186, 016, 019, 039, 054, 056, 060, 092
Carnivale	030	Kenwood	030, 019	Proscan	047	TMK	056, 177, 178
Carver	054	Kloss	024, 046, 078	Proton	052, 003, 178	Toshiba	156, 060, 149, 154
CCE	329	KMC	106	Pulsar	017, 019	Tosonic	185
Celebrity	000	KTV	185, 280, 180, 030, 039, 183	Quasar	250, 051, 055, 165	Totevision	039
Citizen	092, 060, 030, 280, 039, 046, 056, 186	Logik	016	Radio Shack	165, 180, 019, 030, 032, 039, 047, 056, 154, 178, 409	Trical	157
Clairtone	185	Luxman	056	RCA	047, 135, 018, 019, 029, 038, 090, 174, 254, 278	Universal	027, 021
Concerto	056	LXI	154, 054, 047, 156, 178	Realistic	154, 165, 019, 030, 032, 039, 056, 178, 180	Vector Research	030
Contec	185, 157, 158, 180	Magnavox	054, 096, 020, 024, 028, 030, 186, 187, 386	Rhapsody	183, 185	Victor	053
Craig	180	Majestic	015, 016	Runco	030, 017	Vidikron	054, 242
Crown	180, 039	Marantz	054, 030	Sampo	030, 052, 032, 039	Vidtech	019, 178
Curtis Mathes	154, 060, 030, 039, 415	Matsushita	250	Samsung	060, 056, 178, 019, 030, 032, 039, 329, 427, 482	Viking	046
CXC	180	Megaltron	145, 178, 003	Samsux	039	Wards	093, 165, 054, 056, 016, 178, 019, 020, 021, 027, 028, 029, 030, 080, 096, 111, 174, 179
Daewoo	092, 451, 019, 039	MEI	185	Sanyo	154, 159, 146, 484	Yamaha	030, 019
Daytron	039, 019	Memorex	154, 016, 178, 056, 106, 150	Scimitsu	019	Zenith	017, 092, 016
Dumont	017, 019	MGA	150, 178, 019, 030	Scotch	178	Zonda	003
Electroband	000, 185	Midland	017, 047, 051, 032, 039, 135	Scott	236, 180, 179, 019, 178		
Electrohome	381, 409	Minutz	021				
Emerson	236, 463, 180, 280, 179, 177, 019, 038, 039, 154, 158, 178, 182, 183, 185, 282	Mitsubishi	150, 178, 019, 093, 241				

REMOTE CONTROL CODES – VCR

VCR BRAND	CODE	VCR BRAND	CODE	VCR BRAND	CODE	VCR BRAND	CODE
Admiral	048	GE	060, 035, 202, 065	MTC	240, 000	Runco	039
Adventura	000	Go Video	232, 279	Multitech	000, 072	Salora	075
Aiko	278	GoldStar	037, 038, 018	NAD	058	Samsung	240, 045, 051, 053, 039, 048
Aiwa	000, 468	Gradiente	000, 408	NEC	038, 041, 040, 050, 067, 082, 104	Sansui	041, 067, 082, 271, 072
Akai	041, 049, 053, 061, 106	Grundig	195	Nikko	037	Sanyo	046, 104, 047, 240
American High	035	Harley Davidson	000	Nikon	034, 253	Scott	184, 211, 043, 045, 121, 210, 212
Asha	240	Harman/Kardon	038, 075	Noblex	240	Sears	042, 046, 047, 000, 035, 037, 054, 066, 104, 105
Audiovox	037	Harwood	068, 072	Olympus	035, 226	Sharp	048, 062
Beaumarck	240	Headquarter	046	Optimus	037, 048, 058, 104, 162, 432, 454	Shintom	072
Bell & Howell	104	Hi-Q	047	Optonica	062	Shogun	051, 240
Broksonic	184, 209, 121, 211, 295, 361	Hitachi	042, 000, 041, 065, 082, 105, 166	Orion	479, 184, 209, 295	Singer	072
Calix	037	Jensen	041	Panasonic	162, 035, 225, 077, 102, 226, 227, 378, 454	Singer	072
Canon	035, 102	JVC	067, 041, 008, 206, 207, 384	Penney	240, 035, 037, 042, 038, 040, 054	Sony	032, 033, 034, 011, 035, 253
Capehart	020	KEC	037, 278	Pentax	042, 105, 065	STS	042
Carver	081	Kenwood	041, 038, 067, 384	Philco	081, 035	Sunpak	253
CCE	072, 278	KLH	072	Philips	081, 035, 062	Sylvania	081, 035, 000, 043
Citizen	037, 278	Kodak	035, 037	Pilot	037	Symphonic	000
Coit	072	Lloyd	000	Pioneer	067, 058, 008, 068	Tatung	041
Craig	240, 037, 047, 072, 271	Lloyd's	208	Portland	020	Teac	000, 041
Curtis Mathes	035, 041, 060	Logik	072	Profitronic	240	Technics	162, 035
Cybernex	051, 240	LXI	037, 000	Protec	072	Teknika	035, 000, 037, 052
Daewoo	278, 020, 045	Magnavox	081, 035, 039, 149	Pulsar	039, 051	TMK	036, 208, 240
Daytron	020	Magnin	240	Quarter	046	Toshiba	045, 043, 066, 210, 212, 366
Dynatech	000	Marantz	081, 035	Quartz	046	Totevision	240, 037
Electrohome	037	Marta	037	Quasar	162, 035, 077, 454	Unitech	240
Electroponic	037	Matsushita	035, 162, 454	RadioShack	000, 037, 240, 104, 046, 047, 048, 062, 066	Vector	045
Emerex	032	MEI	035	Radix	037	Vector Research	038, 040
Emerson	184, 479, 209, 000, 002, 036, 037, 043, 061, 068, 088, 121, 208, 211, 212, 278, 294, 295, 361	Memorex	000, 037, 035, 039, 046, 047, 048, 104, 240	Randex	037	Video Concepts	040, 045, 061
Fisher	047, 046, 104, 054, 066,	MGA	043, 061	RCA	060, 042, 149, 202, 065, 077, 105, 106	Videosonic	240
Fuji	033, 035	MGN Technology	240	Realistic	000, 035, 240, 037, 046, 047, 048, 062, 066, 104	Wards	240, 000, 048, 035, 042, 047, 060, 062, 072, 081, 149, 212
Funai	000	Minolta	042, 105	Ricoh	034, 253	XR-1000	000, 035, 072
Garrard	000	Mitsubishi	043, 061, 067, 075, 173, 443			Yamaha	038, 041
		Motorola	035, 048			Zenith	039, 033, 034

REMOTE CONTROL CODES – TV/VCR COMBINATIONS

BRAND	CODE	BRAND	CODE	BRAND	CODE	BRAND	CODE
Aiwa	000	Lloyd	000	RCA	048, 035, 060	Symphonic	000
Broksonic	002, 479	MGN	240	RadioShack	037	Telecorder	240
Daewoo	278	Magnavox	081, 035	Samsung	240	Thomas	000
Emerson	002, 479, 294	Memorex	000	Sanyo	000	Video Viewer	035
Funai	000	Mitsubishi	048	Sansui	002	Zenith	000, 037
GE	240, 060, 048	Orion	294, 479, 002	Sears	000	Totevision	240
Goldstar	037	Penney's	035, 162	Sharp	048		
Hitachi	035	Panasonic	035, 162	Signature2000	000		
LXI	000	Quasar	035, 162	Sylvania	035, 081		

REMOTE CONTROL CODES – AMPLIFIERS

BRAND	CODE	BRAND	CODE	BRAND	CODE	BRAND	CODE
Carver	269	Marantz	269	Realistic	395	Wards	013, 078
GE	078	Optimus	013, 300, 395	Sony	220	Yamaha	354
JVC	331	Panasonic	308	Soundesign	078		
Linn	269	Philips	269	Technics	308		
Magnavox	269	Pioneer	013, 300	Victor	331		

REMOTE CONTROL CODES – CD PLAYERS

BRAND	CODE	BRAND	CODE	BRAND	CODE	BRAND	CODE
ADC	018	Genexxa	032, 164, 305	NSM	157	Scott	155, 164, 305
Adcom	155, 234	Harman/Kardon	426	Onkyo	101	Sears	305
Aiwa	124, 157	Hitachi	032, 155	Optimus	000, 032, 037, 048, 087, 145, 179, 194, 280, 305, 342, 420, 426, 437, 468	Sharp	037, 180
Akai	156	JVC	072	Panasonic	029, 367, 752	Sherwood	180, 426
Audio Alchemy	194	Kenwood	028, 037, 048, 190	Parasound	194	Sony	000, 185, 605, 727
Audio-Technica	170	Kodak	287	Philips	157, 287	Soundesign	145
BSR	194, 245	Krell	157	Pioneer	032, 244, 305, 468	STS	018
Burmester	420	Kyocera	018	Proton	157	Tascam	420
Calif. Audio Lab	029	Linn	157	QED	157	Teac	174, 180, 393, 420
Carrera	194	LXI	305	Quasar	029	Technics	029, 303
Carver	157, 179, 437	Magnavox	157, 305	RCA	009, 053, 155, 179, 305, 764	Vector Research	194
DAK	245	Marantz	029, 157, 180	Realistic	155, 164, 179, 180, 420	Victor	072
Denon	003	McIntosh	287	Rotel	157, 420	Wards	157
DKK	000	MCS	029	SAE	157	Yamaha	187, 036, 170
Emerson	155, 164, 305, 469	Mission	157	Sansui	157, 305	Yorx	461
Fisher	048, 088, 174, 179, 342	MTC	420	Sanyo	087, 179		
Garrard	245, 280, 393, 420	NEC	234				
GE	009	Nikko	164, 170, 174				

REMOTE CONTROL CODES – STEREO RECEIVERS

BRAND	CODE	BRAND	CODE	BRAND	CODE	BRAND	CODE
ADC	531	Inkel	062	NEC	235	Sharp	186
Adcom	616	JVC	074	Onkyo	135, 100, 380	Sherwood	062, 491, 502
Aiwa	121, 158, 189	Kenwood	027, 077, 186	Optimus	042, 080, 177, 181, 186, 219, 531, 670	Sonic	281
Akai	076, 224	Koss	424	Panasonic	039, 309	Sony	158, 168, 474
Capetronic	531	Linn	189	Penney	195	Soundesign	670
Carver	008, 042, 189, 360	Lloyd's	195	Philips	189	Teac	163, 298, 463
Casio	195	LXI	181	Pioneer	014, 080, 150, 531, 630	Technics	039, 208, 309
Clarinette	195	Magnavox	128, 189, 195, 531	Quasar	039	Techwood	281
Denon	004, 273, 771	Marantz	039, 128, 189	RCA	054, 346, 360, 530, 531	Victor	074
Emerson	424	MCS	039, 346	Realistic	163, 181, 195	Wards	014, 042, 054, 080, 158, 189
Fisher	042, 219, 360	Modulaire	195	Sansui	189, 346	Yamaha	176, 186
Garrard	146, 281, 424, 463	NAD	320	Sanyo	219	Yorx	195
Haffler	146	Nakamichi	347	Scott	163, 322	Zenith	281