

# THE SURFBOARD

Universal Remote Control  
With Voice Operation

## DEVICE CODE LISTING



Makes channel surfing as easy as a day at the beach

## INDEX OF DEVICE CODES

Your SurfBoard Remote Control offers a variety of set up methods. While most users will prefer the brand search method of setting up the remote control for your TV, Cable, or Satellite receiver, you may also enter the device codes manually.

Following is a list of device codes to be used when manually programming the **SurfBoard** remote control. You may have to try some or all of the codes for each brand before you find the proper code for your product.

The codes are arranged by type of equipment and manufacturer. You may have to try several codes in order to find the correct code.

**Be sure to test a variety of buttons to ensure they all work. Many devices use similar remote control codes and occasionally some instructions will not work properly. If this occurs, try the next code in the list for your system's manufacturer.**

You may enter the device code by using the **HELP** button or by using the **PROG** button (recommended for advanced users).

The alternative button sequences are:

Using the **HELP** button:

For TVs **HELP** → **1** → **2** → **D1** → **D2** → **D3**

For CBL/SAT **HELP** → **2** → **2** → **D1** → **D2** → **D3**

Using the **PROG** button:

Press and hold **PROG**. The **SurfBoard** remote will respond with "program." Then press **D1** **D2** **D3**.

(Where D1 D2 D3 is a device code from the device list chart)

## TV

Manufacturer	TV Device Code
Abex	341
Admiral	385, 239, 390, 273, 274, 268, 315, 327, 377, 202, 214
Advent	355, 273
Adventura	222
Aiko	258, 366, 374
Aiwa	407, 377, 373, 375
Akai	240, 251, 262, 278, 237, 243
Alaron	202
Allegro	390
Alleron	202, 214
Amark	322
America Action	214
Ampro	344, 295
Anam	251, 236, 309, 314, 322, 205, 214, 247
AOC	240, 237, 293, 322, 191, 204, 242
Apex	412, 266
Archer	322
Asha	365
Audio Dynamics	414
Audiovox	313, 322, 415, 214
Baysonic	214
Beaumarck	365
Belcor	240, 293
Bell & Howell	371, 390, 273, 268, 202, 214
Blaupunkt	370
Bradford	214
Brokwood	240, 293
Brooksonic	240, 301, 356, 229, 237, 322, 377, 214
Calix	415
Candle	240, 186, 237, 415, 222
Canon	395
Capehart	390, 242
Carnivale	240
Carver	233, 193, 198

Manufacturer	TV Device Code
CCE	366, 199, 374
Celebrity	251
Centurion	240
Cetronic	214
Cineral	342
Citizen	240, 258, 186, 237, 292, 293, 372, 197, 203, 214, 222
Clairtone	204
Classic	214
Colortyme	240, 293
Coby	348
Concerto	240, 237, 293
Contec/Cony	204, 214
Coronado	372, 238
Craig	229, 275, 365, 190, 214, 247
Crown	372, 214
Curtis Mathes	233, 239, 240, 371, 382, 268, 275, 293, 372, 203, 395
CXC	214
Cybernex	365
Daewoo	240, 281, 189, 258, 291, 293, 313, 362, 366, 372, 214, 234, 374
Daytron	240, 390, 258, 237, 293, 372
Denon	273
Dumont	293, 405
Durabrand	430, 184, 270, 322
Dwin	345, 315, 338
Dynasty	214
Dynatech	310, 222
Electroband	251, 204
Electrohome	240, 251, 293, 307, 339, 365, 415
Electroponic	415
Emerson	385, 359, 240, 274, 229, 275, 283, 289, 293, 372, 415, 417, 377, 392, 187, 190, 197, 202, 204, 207, 214, 226
Envision	240
Fisher	371, 276, 210, 211, 284
Fortress	273

<b>Manufacturer</b>	<b>TV Device Code</b>
Fujitsu	202
Funai	270, 202, 214
Futuretech	214
GE	358, 239, 240, 241, 251, 387, 231, 230, 236, 305, 312, 321, 324, 327, 328, 368, 235, 376, 393, 394, 190, 201, 218, 395
Gibraltar	240, 293, 405
Goldstar	240, 380, 232, 237, 253, 293, 367, 372, 415, 225
Griswold	206
Grundig	202, 214
Hallmark	240, 229, 293, 202
Harley Davidson	202
Harmon Kardon	233, 380, 414
Havard	240, 229, 202, 214
Hisense	282
Hitachi	240, 278, 188, 237, 267, 285, 293, 296, 326, 372, 383, 200, 213, 226, 227, 395, 395
IMA	214
Infinity	233
Inteq	293, 405, 415
Janeil	222
JBL	233
JCB	251
JCPenney	239, 240, 241, 380, 230, 232, 236, 293, 322, 372, 414, 196, 203, 218, 219
Jensen	431, 355, 240, 286, 293, 300
JVC	241, 277, 340, 364, 413, 416, 379, 216, 249
Kawasho	240, 251, 293
Kaypani	242
KEC	415, 203, 214
Kenwood	240, 293
Kloss	240, 222, 223
Kloss Novabeam	222, 223
KMC	225
Kodak	402, 415, 395
Konka	264

<b>Manufacturer</b>	<b>TV Device Code</b>
KTV	240, 259, 272, 270, 275, 372, 197, 199, 204, 214
LG	429, 240, 237, 293
Linatech	206
Lloyd	381
Lodgenet	405
Loewe	233
Logik	229, 268, 214, 381
Luxman	240, 237, 293
LXI	233, 239, 240, 371, 276, 237, 287, 293, 294, 314, 415, 381
Magnasonic	233, 240, 258, 273, 293, 322, 366, 415, 202, 374
Magnavox	427, 433, 233, 240, 279, 401, 186, 237, 293, 300, 195, 198, 203, 220, 223, 224, 395
Magnin	365
Majestic	268, 405
Marantz	233, 240, 293, 413, 195, 198
Marta	415
Masushita	402, 395
Maxent	432
Megatron	240, 278, 293, 322
MEI	241, 204, 395
Memorex	385, 359, 240, 371, 384, 386, 390, 397, 237, 268, 293, 294, 365, 415, 377, 225, 395
MGA	240, 398, 386, 188, 293, 395
Midland	239, 241, 405
Minutz	230
Mitsubishi	233, 240, 251, 396, 398, 400, 184, 386, 257, 273, 188, 237, 293, 306, 320, 243, 395
Montgomery Ward	233, 240, 371, 384, 274, 397, 230, 237, 268, 293, 235, 191, 195, 198, 201, 202, 218, 220, 224, 395
Motorola	233, 241, 251, 386, 273, 236
MTC	240, 237, 293, 365, 203, 204, 234
Multitech	199, 214
NAD	240, 290, 290, 293, 374

<b>Manufacturer</b>	<b>TV Device Code</b>
NEC	240, 251, 184, 380, 237, 293, 299, 323, 414, 193
Nikei	214
Nikko	240, 258, 293, 415
NTC	258
Onking	214
Onkio	354
Onwa	214
Optimus	371, 384, 386, 274, 397, 290, 365, 415, 202, 214, 395
Optonica	384, 273, 274, 397
Orion	359, 229, 405, 202, 214
Panasonic	192, 233, 241, 251, 402, 384, 231, 302, 353, 369, 397, 236, 314, 317, 215, 247, 391, 395
Philco	233, 240, 186, 293, 198, 220, 223, 224, 395
Philips	233, 240, 251, 401, 293, 318, 195, 198, 218, 220, 224, 395
Pilot	240, 293, 415
Pioneer	240, 280, 231, 244, 290, 293, 226
Portland	240, 256, 258, 293, 372
Prediwave	399
Primestar	394
Princeton	343
Prism	241, 236
Proscan	239, 263, 293, 235, 378, 201, 206, 219, 226
Proton	240, 228, 293, 322, 372, 242
Pulsar	240, 390, 258, 293, 405
Quasar	241, 251, 384, 399, 231, 272, 302, 397, 236, 247, 391, 395
Radio Shack	239, 240, 371, 402, 384, 257, 274, 276, 397, 237, 275, 293, 365, 372, 415, 214, 238, 395
Radix	415
Randex	415

<b>Manufacturer</b>	<b>TV Device Code</b>
RCA	239, 240, 387, 388, 185, 254, 255, 256, 273, 353, 236, 237, 265, 293, 404, 235, 378, 250, 376, 393, 394, 201, 206, 219, 226, 395, 428
Realistic	240, 371, 402, 384, 274, 397, 237, 293, 415, 214, 395
Rhapsody	204
Runco	240, 390, 321, 329, 330, 334, 335, 405, 406
Sampo	240, 293, 242
Samsung	240, 262, 382, 237, 260, 261, 293, 363, 372, 203, 238
Sansui	385, 342, 359
Sanyo	240, 371, 276, 210, 211, 288, 293, 308, 194
Scimitsu	293
Scotch	240, 293
Scott	240, 229, 237, 275, 293, 372, 202, 214
Sears	233, 239, 240, 371, 210, 211, 237, 293, 294, 415, 194, 196, 202, 395
Semp	266
Sharp	357, 240, 402, 384, 273, 274, 397, 293, 304, 333, 372
Shogun	240, 293
Signature	233, 239, 273, 277, 268, 293, 190
Simpson	240, 186, 198
Singer	402, 415
Sonic	204
Sony	240, 251, 389, 254, 248, 325, 336, 337, 191, 212, 226, 395
Soundesign	240, 186, 293, 202, 214
Spectracon	240, 237, 293, 322, 214
Squareview	202
SSS	240, 229, 293, 214
Starlite	229, 293, 214
Supre Macy	186, 222
Supreme	251
Sylvania	233, 240, 398, 186, 237, 270, 293, 195, 198, 220, 223, 224, 381, 395
Symphonic	270, 275, 202, 214, 381

<b>Manufacturer</b>	<b>TV Device Code</b>
Tandy	233, 239, 273, 274, 245
Tatung	241, 251, 236, 322
Technics	241, 236, 395
Technol ACE	202
Techwood	240, 241, 237, 293, 322
Teknika	233, 240, 386, 258, 186, 237, 268, 293, 372, 415, 202, 203, 214, 222, 395
Tera	240, 228, 293
Thomson	208, 209
TMK	240, 229, 237, 293
TNCl	293, 405
Toshiba	359, 356, 371, 398, 266, 403, 273, 294, 196, 203, 381
Tosonic	204
Totevision	365, 372, 415
Unitech	365
Universal	239, 230, 218
Vector Research	240, 380, 277, 414
Victor	277
Video Concepts	380, 414, 243
Videosonic	365
VidTech	240, 278, 237, 293
Vikatron	233
Viking	222
Waycon	266
White Westinghouse	385
Yamaha	240, 380, 293, 414
York	240
Zenith	408, 240, 390, 258, 269, 278, 237, 268, 293, 313, 319, 322, 405, 415
Zonda	322, 415

## Cable

<b>Manufacturer</b>	<b>Cable Device Code</b>
ABC	041, 054, 089, 076, 037, 046
Adelphia	122
Allegro	081, 020, 048
Americast	117
Antronix	048
Archer	020, 048, 084, 060, 068
Bell & Howell	039
Bellsouth	117
Bright House Networks	114
Cabletenna	060
Cableview	060
Century	020
Charter Digital	123
Citizen	020, 053
Clear Max	079
Comcast	116, 106
Comtronics	038, 017
Cox	116, 114, 001
CTX	020
Director	116
Eagle Comtronics	038, 090
Eastern	043
Electricord	023
Emerson	071
Everquest	036, 038
Explorer	114
Garrard	020
GC Electronics	027
GE	064, 099
Gemini	006, 036, 074, 087, 028, 029, 031, 049
General Instrument	116, 002, 006, 008, 010, 036, 039, 041, 054, 063, 009, 049, 052
Global	106
Goldstar	038

<b>Manufacturer</b>	<b>Cable Device Code</b>
Guestserv	107
Hamilton	003, 012
Hamlin Regal	003, 044, 094, 012, 040, 066, 005, 014, 015, 047
Harmon Kardon	025
Hitachi	039, 041
Hitex	037
Jasco	020
Jerrold	116, 002, 006, 008, 010, 036, 039, 041, 054, 083, 097, 009, 049, 052
Kingston	020, 069, 017
Macom	058
Magnavox	085, 096, 101, 102
Media One	116
Memorex	081
Mitsubishi	105
Motorola	119, 123, 116, 110
Movie Time	013, 019, 023
Novaplex	082, 034
Novavision	035, 042, 046
NSC	013, 019, 086, 098
Oak	087, 088, 091, 037
Omega	036, 038
Pace	109
Panasonic	081, 011, 070, 092, 022
Paragon	081
Philips	061, 007, 017, 055, 056, 059
Pioneer	095, 001, 026, 032
Pulsar	081
Radio Shack	108, 067, 073
RCA	011, 070
Recoton	104
Regal	003, 044, 012, 014, 015
Regency	043
Rembrandt	031
Runco	081
Samsung	038

<b>Manufacturer</b>	<b>Cable Device Code</b>
Scientific Atlanta	120, 035, 042, 091, 093, 046
Signal	038
Signature	039, 041
SL Marx	038
Sony	115, 092, 103
Sprucer	011, 070
Standard Compnt	029
Starcom	002, 006, 036
Stargate	073, 036, 038
Starquest	036
Storm	080
Super Cable	119
Sylvania	045
Tandy	016
Teknika	057
Telecaption	024
Televue	038
Texscan	045, 075
Time Warner	120, 118, 114
Tocom	004, 076, 077
Torx	054
Toshiba	081
Tusa	036
TV86	072
Unica	020, 048, 060
United Artists	037
United Cable	088, 091
Universal	020, 023, 048, 070, 040, 066, 030, 060, 068
Video Way	062
Videotron	107
View Master	067
Viewstar	021, 050, 100, 016, 017, 018
West	020
Zenith	073, 081, 081, 033, 051

## Satellite

Manufacturer	Satellite Device Code
Access	147, 143
Alpha Star	149
AOLTV	154
Canal+	157
Chaparral	148
CoShip	176
Digital Entertainment	134, 137, 144
DirecTV	159, 181, 183
Dish	173, 128, 129, 139, 166, 141, 171
DishNet	179, 166, 141, 171
Drake	145
Echostar	166, 171
Expressvu	166
GE	175
General Instrument	134, 142, 137, 144
GOI	166
Hitachi	146, 132
HTS	166
Hughes	177, 164, 130
JVC	166
LG	180
Magnavox	136, 135
Memorex	136
Mitsubishi	161
Optimus	135
Panasonic	131
Paysat	136
Pegasus	160
Philips	150, 152, 153, 136, 169
Primestar	134, 137, 144
Proscan	160
Radio Shack	161
RCA	178, 167, 160, 162, 163, 165, 161

Manufacturer	Satellite Device Code
Realistic	151
Sagem	146
Samsung	138, 172
Skycable	127
Sony	168, 170
Strong	157
Toshiba	133, 162, 163
Uniden	153, 136, 135
Zenith	174

## DVR

Manufacturer	PVR Device Code
American High	423
CoShip	176
DirecTV	159, 181, 183
Dish	173, 166, 171
DishNet	179, 166, 171
Echostar	166, 171
Expressvu	166
GE	175
GOI	166
HTS	166
Hughes	177, 164
Instant Replay	422, 423
JCL	423
JVC	166
LG	180
Marantz	423
Mitsubishi	161
Pegasus	160
Philips	169, 418
Proscan	160
Radio Shack	161
RCA	178, 167, 160, 162, 163, 165, 161

<b>Manufacturer</b>	<b>PVR Device Code</b>
Samsung	172
Sony	421, 168, 170
Tivo	421, 419, 420, 418
Toshiba	162, 163
Zenith	174

### VOD

<b>Manufacturer</b>	<b>VOD Device Code</b>
Adelphia	122
Americast	117
Bellsouth	117
Bright House Networks	114
Charter Digital	123
Comcast	116
Cox	116, 114
Director	116
Explorer	114
General_ Instrument	116
Jerrold	116
Media One	116
Motorola	119, 123, 116
Scientific Atlanta	120
Sony	115
Super Cable	119
Time Warner	120, 118, 114