

Save Code list for future reference Refer to the setup procedure below and look up the 3 digit code for your brand of TV, VCR, etc., from the list below.

Refer to the Owner's Manual for your remote for more information.

Direct Code Entry

- Turn your device (TV, VCR, etc., on.
- Press and quickly release the desired mode button (TV, VCR, etc.).
- Press and hold the **SETUP** button until the Mode buttons blink green, then the button you pressed in step 2 stays on, then release the **SETUP** button.
- Enter the 3 digit code from the code tables. Note: after a valid code entry, the green indicator turns off. For an invalid code, the green indicator flashes.
- With your device on, press **CHANNEL UP**. If the device responds, no further programming is required. Note: If some buttons do not operate your equipment, try one of the other codes for your brand.

Code Search (by Brand)

Lets you search for a code for a specific Brand within the Code Library for a particular manufacturer.

- Turn on the device (TV, VCR, etc.) to be controlled.
- Press and quickly release the desired mode button (TV, VCR, etc.).
- Press and hold the **SETUP** button until the Mode buttons blink green, then the button you pressed in step 2 stays on, then release the **SETUP** button.
- Press and release the numeric button (0-9) corresponding to desired Manufacturer (see table below). The green indicator blinks off once. Note, pressing "0" performs a full library search same as Complete Code Search Method.
- Press the **CHANNEL UP** button ((or **POWER** or **PLAY** (VCR only))) repeatedly until the device to be controlled changes channel. The green indicator blinks off with each button press. If you accidentally overshoot the code required, press the **CHANNEL DOWN** button to backtrack through the library until the device changes channel. Pressing **CHANNEL UP** changes direction to forward again.
- Press and release **MUTE** to install code.

Complete Library Code Search

If after trying "Direct Code Entry" or "Code Search (by Brand)" your product does not respond, or if your brand is not listed, try doing a complete search of the code library for your code by following the steps below.

- Turn on the device (TV, VCR, etc.) to be controlled.
- Press and quickly release the desired mode button (TV, VCR, etc.).
- Press and hold the **SETUP** button until the Mode buttons blink green, then the button you pressed in step 2 stays on, then release the **SETUP** button.
- Press the **CHANNEL UP** button repeatedly (up to 300 times) until the device to be controlled changes channel. The green indicator blinks off with each button press. If you accidentally overshoot the code required, press the **CHANNEL DOWN** button to backtrack through the library until the device changes channel. Pressing **CHANNEL UP** changes direction to forward again.
- Press and release **MUTE** to install code.

Most users will want to store VCR codes under the **VCR** button, Cable codes under **Cable**, etc. If you want to store a VCR code under **Cable**, etc., first follow the procedure for Direct Code Entry and press **Cable** in step 2 of Direct Code Entry, then enter ANY VCR code in step 3 of Direct Code Entry. Then follow the steps above for Brand Search or Complete Search.

Note: If your device does not have a **CHANNEL UP** button, use **PLAY** (VCR only) or **POWER** instead. Code Search starts from the currently stored three digit number under that mode.

Brand Search Table

Look up your brand in the appropriate column (TV, VCR, etc.) in the table below. Look for the digit (1, 2, 3, etc.) that applies to your brand, and enter it in step 4 of "Code Search (by Brand)."

DIGIT	TV	VCR/DVD/DVR	CABLE	SAT/DBS	CD/AUDIO
1	RCA, GE, PROSCAN	RCA, GE, PROSCAN	SCIENTIFIC ATLANTA	RCA, GE, PROSCAN, PIONEER	RCA, GE, PROSCAN
2	ZENITH	ZENITH, APEX	JERROLD	ZENITH, GEMINI	ZENITH
3	PHILIPS, MAGNAVOX	PHILIPS, MAGNAVOX, MARANTZ	GENERAL INSTRUMENT, TOCOM	PHILIPS, MAGNAVOX	PHILIPS, MAGNAVOX, MARANTZ
4	SONY, PANASONIC, SHARP, TOSHIBA, DAEWOO	SONY, PANASONIC, SHARP, TOSHIBA, DAEWOO, YAMAHA, DENON	RCA, GE, PROSCAN, PIONEER	SONY, PANASONIC, TOSHIBA, SHARP	SONY, PANASONIC, TECHNICS, SHARP, TOSHIBA
5	HITACHI, SANYO, JVC, LG-GOLDSTAR, SAMSUNG, MITSUBISHI	HITACHI, SANYO, JVC, LG-GOLDSTAR, SAMSUNG, MITSUBISHI	ZENITH, GEMINI	HITACHI, JVC, SAMSUNG	HITACHI, SANYO, JVC, LG-GOLDSTAR, SAMSUNG, MITSUBISHI
6	SYLVANIA, CURTIS-MATHES, FISHER, EMERSON	SYLVANIA, CURTIS-MATHES, FISHER, EMERSON	PHILIPS, MAGNAVOX	GENERAL INSTRUMENT, ECHOSTAR, DISH, HUGHES, PREMIER STAR	SYLVANIA, CURTIS-MATHES, FISHER, EMERSON, OPTIMUS
7	N/A	N/A	N/A	N/A	PIONEER, TEAC, NAD
8	N/A	N/A	N/A	N/A	KENWOOD, YAMAHA, DENON, ONKYO
9	N/A	N/A	N/A	N/A	N/A
0	ALL	ALL	ALL	ALL	ALL

TV

ABEX	185
ACME	003 041
ADA	005
ADC	008 003
ADMIRAL	001 173
ADVENTURA	174
AIKO	058
AIWA	195 196
ALLERON	051
AMARK	020
AMTRON	053
AKAI	002
AMSTRAD	189
ANAM NATIONAL	003 025
.....	042 053 193
AOC	004 005 007 009
.....	014 132 156 175
APEX	214
ARCHER	020
AUDIOVOX	053
BANG & OLUFSEN	190
BELCOR	004
BELL & HOWELL	000 001 049
BRADFORD	053
BROKSONIC	136 147
BROKWOOD	004
CANDLE	004 008 009 174
CAPEHART	062
CELEBRITY	002
CENTURION	009
CETRONIC	042
CHANGHONG	214
CITIZEN	001 004 008 009 042
.....	053 058 105 109 177
CLAIRTONE	014
CLASSIC	042 214
COLORTYME	004 009 010
CONCERTO	004 009
CONCIERGE	121
CONTEC/CONY	012 013
.....	014 042 053
CORNEA	050
CRAIG	042 053
CROWN 042 053	
CURTIS MATHES	000 001 004 009
.....	015 031 049 073 105 109 130
CXC	042 053
DAEWOO	004 005 009 017 018
.....	019 042 058 082 085
.....	097 100 126 127 130 138
DAYTRON	004 009
DIMENSIA	000 031
DUMONT	004 121
DYNASTY	042
ELEKTRA	001
ELECTROBAND	002 014
ELECTROHOME	003 004 009 022
ELITE	197

EMERSON	004 009 014 023 024
.....	025 026 027 030 032 033 034
.....	035 036 037 038 039 040 041
.....	042 043 045 049 051 053 116
.....	135 147 155 177 179 189 198
ENVISION	004 009
FISHER	013 049 180 209
FUJITSU	051 197
FUNAI	042 053 051 155 189 198
FUTURETEC	042 053
GATEWAY	046
GE	000 003 004 009 015 022
.....	031 044 052 054 055 087
.....	092 103 107 125 164
GIBRALTER	004 121
GOLDSTAR	004 005 009 056
.....	057 155 156 172
GRUNDY	051 053
HAIER	216 217
HALLMARK	004 009
HARVARD	053
HITACHI	001 004 009 013 059 060
.....	061 088 091 137 139 141
.....	142 143 144 145 146 179
IMA	053
INFINITY	062
INTEGRA	181
INTEQ	121
JANEIL	174
JBL	062
JCB	002
JC PENNEY	000 004 005 008 009
.....	015 022 030 031 052 054
.....	055 087 105 107 109 172
JENSEN	004 009
JVC	013 054 055 060
.....	065 067 089 197
KAWASHO	002 004 009
KAYPANI	175
KEC	042
KENWOOD	004 009
KLOSS NOVABEAM	068 069 174
KONKA	016 047 066 157 158 176
KTV	014 021 042 053 070 116 177
LG	129 167 179 187 188 191 194
.....	050
LODGENET	000 001
LOEWE	062 211
LOGIK	000 001
LUXMAN	004 009
LXI	000 004 009 015
.....	031 049 062 107 109
MAGNAVOX	004 008 009 062 068
.....	069 074 075 077 089 163 165
MAJESTIC	000 001
MARANTZ	004 009 062 181
MEGATRON	004 009 059
DYNASTY	042
MEI	014
MEMOREX	000 001 004
.....	009 049 051 135
MGA	004 005 009 022 051 180
MIDLAND	015 054 055 107 121 172
MINUTZ	052
MITSUBISHI	004 005 009 022 051
.....	081 089 132 151 180

MONTGOMERY WARD	000 001
MOTOROLA	003 173
MTC	004 005 009 014 105 109
MULTITECH	053
MULTIVISION	084
NAD	004 009 109 185
NEC	003 004 005 009
.....	010 085 089 095 181
NIKEI	042
NIKKO	004 009 058
NTC	058
ONKING	042
ONWA	042 053
OPTIMUS	170 185
OPTONICA	095 173
ORION	035 121 135
PANASONIC	003 054 055 062
.....	070 148 170 171
PHILCO	003 004 005 008 009
.....	062 068 069 074 075 077
PHILIPS	003 004 006 008 062 068
.....	069 074 075 086 087 089 163 183
.....	184 205 206 207 208 210 212 213
PHILIPS/MAGNAVOX	183 184
.....	204 208 213
PILOT	004
PIONEER	004 009 072
.....	076 090 179 185
PORTLAND	004 005 009 058
PRECISION	166
PRICE CLUB	105
PRISM	055
PROSCAN	000 015 031 107
PROTON	004 009 093 175 186 192
PULSAR	121
PULSER	004
QUASAR	003 054 055 062
.....	070 148 170 171
RADIO SHACK	000 004 009 031
.....	041 042 048 049 053
.....	095 155 170 172 194
RCA	000 003 004 005 007 009
.....	011 015 048 082 092 094 096
.....	098 101 102 103 107 113 125
.....	129 167 179 187 188 191 194
REALISTIC	000 004 009 031 041
.....	042 048 049 053 095 155 170 172
RHAPSODY	014
RUNCO	121
SAMPO	004 009 046 172 175
SAMSUNG	004 005 009 015
.....	104 105 106 109 172
SAMSUX	009
SANSUI	135 136
SANYO	004 013 049
.....	108 110 180 209
SCOTCH	004 009
SCOTT	004 009 024 035 042 051 053
SEARS	000 004 009 013 015 031
.....	051 049 105 107 109 110 180 189
SHARP	004 009 063 079 095 111
.....	112 114 122 123 124 173
SHOGUN	004
SIGNATURE	000 001 023

SIMPSON	008
SONIC	014
SONY	002 006 071 128
SOUNDESIGN	004 008 009
.....	042 051 053
SPECTRAVISION	203
SQUAREVIEW	189
SSS	004 042 053
STARLITE	053
SUPREMACY	174
SUPREME	002
SYLVANIA	004 008 009 062
.....	068 069 074 075 077
.....	155 161 163 189 198
SYMPHONIC	033 053 155 189 198
TANDY	173
TATUNG	003
TECHNICS	054 055
TECHWOOD	004 009 054 055
TEKNIKA	000 001 004 005 008
.....	009 013 042 051 053
.....	058 105 109 170 174
TELECATION	117
TELERENT	000 001
TERA	004 186
TMK	004 009
TOSHIBA	013 049 089 105 109
.....	117 118 120 159 170 178
UNIVERSAL	052 087
VICTOR	060
VIDTECH	004 005 009
VIEWSONIC	046
VIKING	174
WARDS	000 001 004 005 008 009
.....	024 031 033 051 052 062
.....	068 069 074 075 087 095 119
WHITE WESTINGHOUSE	097 100
.....	130 155
YAMAHA	004 005 009 170
ZENITH	000 001 004 023 038 050
.....	058 059 064 073 078 091
.....	115 121 131 134 135 136 153

VCR

ADMIRAL	226
ADVENTURA	251
AIKO	252
AIWA	227 245 251 269
AKAI	228 229 230 231
.....	233 254 336 337
ALLEGRO	243 247 329
AMERICAN HIGH	246 285
ASHA	359
AUDIO DYNAMICS	234 348
AUDIOVOX	239
BELL & HOWELL	268
BEAUMARK	359
BROKSONIC	237 250 256 289 310
CALIX	239
CANDLE	234 239 240
.....	241 242 244 359
CANNON	246 285 339 340

CAPEHART	329
CARVER	287
CCE	252 286
CITIZEN	234 239 240 241
.....	242 244 252 359
COLORTYME	234
COLT	286
CRAIG	239 248 286 359
CURTIS MATHES	225 227 234 241
.....	246 249 285 334 340 358 359
CYBERNEX	359
DAEWOO	240 242 244 250
.....	251 252 253 279 334
DBX	234 348
DIMENSIA	225
DYNATECH	227 251
ELECTROHOME	239 254
ELECTROPHONIC	239
EMERSON	227 231 233 237 239
.....	240 246 249 250 251 254 255 256
.....	257 259 261 262 263 265 266 268
.....	269 270 272 285 290 330 341 359
FISHER	234 248 267 268
.....	273 274 275 287 304
FUJI	229 246 285
FUNAI	227 233 251 456
GARRARD	251
GE	225 246 278 285
.....	340 342 345 359
GOLDSTAR	234 239 346
GRADIENTE	251
GO-VIDEO	359 368 375
HARLEY DAVIDSON	251
HARMAN KARDON	234 293
HARWOOD	286
HEADQUARTER	268
HITACHI	227 280 282 332
.....	336 345 347 369 370
HI-Q	248
INSTANT REPLAY	233 246 285
INTEQ	239
JCL	246 285
JC PENNEY	234 239 268 280 285
.....	332 336 340 343 348 359
JENSEN	280 336
JVC	234 247 268 336 348 376 377
KENWOOD	234 241 268 336 348
KLH	286 356
KODAK	239 246 285
LLOYD	227 251
LOGIK	286
LXI	239
MAGNAVOX	246 285 287
.....	329 331 340 349
MAGNIN	359
MARANTZ	234 241 246 268
.....	285 287 289 339 348
MARTA	239
MATSUSHITA	246 285
MEI	246 285
MEMOREX	226 227 239 246 248
.....	251 268 285 329 337 359
MGA	254 290
MGN TECHNOLOGY	359

MIDLAND	278
MINOLTA	280 332
mitsubishi	254 276 277 280 290
.....	291 293 294 295 296 298 299 348
MONTGOMERY WARD	226 300
MOTOROLA	226 246 285
MTC	227 251 359
MULTITECH	227 251 278 286 359
NEC	234 241 249 268 289
.....	301 302 303 336 348
NIKKO	239
NOBLEX	359
OLYMPUS	246 285
OPTIMUS	226 239 359
.....	361 362 363 374
OPTONICA	300 359
ORION	256
PANASONIC	246 285 340
.....	350 363 373 374
PENTAX	241 280 332 345
PENTEX RESEARCH	234
PHILCO	246 285 287 340
PHILIPS	246 285 287 288 300
.....	328 331 333 349 371 378
PHILIPS/MAGNAVOX	328 333
PILOT	239
PIONEER	280 305 306 348
PORTLAND	241 242 244
PROSCAN	225
PROTEC	286
PULSAR	329
QUARTER	268
QUARTZ	268
QUASAR	246 285 340 350 363 374
RCA	225 228 246 280 285 307 308
.....	309 311 312 313 314 315 316
.....	332 335 340 342 345 350 359 362
RADIOSHACK	225 226 227 239
.....	246 248 251 254 268 274 275 285
.....	300 337 340 342 359 361 362 363
REPLAY	373
RICOH	353
RUNCO	329
SAMSUNG	230 240 278
.....	280 337 354 359
SANKY	226 329
SANSUI	336 348
SANYO	248 267 268 304 359
SCOTT	237 240 250 257
.....	263 290 318 341
SEARS	239 246 248 268 273 274
.....	275 280 285 287 332 343
SHARP	226 227 242 254
.....	300 360 361 367
SHINTOM	229 280 286 353 357
SHOGUN	359
SIGNATURE	227
SINGER	246 285 286
SONY	229 324 353 364
.....	365 366 372 379 380
STS	246 280 285 332
SYLVANIA	227 233 251 285
.....	287 290 340 349 456

SYMPHONIC	227 233 236 251 456
TANDY	227 268
TASHIKO	239
TATUNG	336
TEAC	227 251 336
TECHNICS	246 285
TEKNIKA	227 239 246 251 285 325
TiVo	371 372
TOSHIBA	240 274 280
.....	287 290 318 341
TOTEVISION	239 359
TMK	249 272 359
UNITECH	359
VECTOR RESEARCH	234 240
.....	241 348
VICTOR	348
VIDEO CONCEPTS	234 240
.....	241 254 348
VIDEOSONIC	359
WARDS	226 227 239 240 246
.....	248 251 254 280 285
.....	286 300 326 332 341 359
WHITE WESTINGHOUSE	227 233
XR-1000	246 251 285 286
YAMAHA	234 268 336 348
ZENITH	229 232 235 239 243
.....	247 281 283 284 310
.....	329 344 348 353 358 370

Cable

ABC	461 462 463 464 465 466
ADELPHIA	596
ALLEGRO	524 525
AMERICAST	527
ANTRONIX	468 469
ARCHER	468 469 470 471
AT&T	511
CABLETENNA	468
CABLEVIEW	468
CENTURY	471
CITIZEN	471
COLOUR VOICE	472 473
COMTRONICS	474 475
CONTEC/CONY	476
EASTERN	477
GARRARD	471
GC ELECTRONICS	469
GEMINI	478 479 536
GE	549
GENERAL INSTRUMENT	463 509
.....	511 513 514 518 528 529 530 531
HAMLIN	480 481 482
HITACHI	463
HYTEK	462
JASCO	471
JERROLD	461 463 464 465 478
.....	484 509 510 511 526 528 529
MAGNAVOX	485
MEMOREX	486
MOTOROLA	461 463 464 465 478
.....	484 509 510 511 513 514
.....	518 526 528 529 530 531
MOVIE TIME	462 487
NSC	462 487
OAK	462 476 489
PACE	532

PANASONIC	460 508
PARAGON	486
PHILIPS	471 472 473 479
.....	485 490 491 492
PHILIPS/MAGNAVOX	505 534
PIONEER	493 494 498
PULSAR	400 429
RADIO SHACK	505 525 534
RCA	460 507
REALISTIC	469
REGAL	482
REGENCY	477
REMBRANDT	463
RUNCO	486
SAMSUNG	474 494
SCIENTIFIC ATLANTA	466 496
.....	497 498 535 596 607 618
SIGNAL	474 478
SIGNATURE	463
SL MARX	474
SPRUCER	460
STANDARD COMPONENTS	499
STARCOM	461 478
STARGATE	474 478
STAR SIGHT	520
STAR SIGHT CABLE SERVICE ..	507
STARQUEST	478
STAR TRAK	516
TANDY	500
TELEVIEW	474
TELEWEST	532
TEXSCAN	499
TOCOM	464 501 513
TOSHIBA	486
TUSA	478
TV86	487
UNIKA	468 469 471
UNITED ARTISTS	462
UNITED CABLE	461
UNIVERSAL	468 469 470 471 502
VIDEOWAY	504
VIEWSTAR	475 485 487 500
VIDEO TECH	550
ZENITH	486 488 503 517 519 520
.....	521 522 523 524 525 527 533

DVD

AIWA	414
AKAI	395
AMES	431
APEX	390 391 392 401 424
.....	430 439 445 457 459
A-TREND	393
BROKSONIC	394
CLASSIC	431
CYBERHOME	393
DAEWOO	440 441 444
MAGNAVOX	485
DIGITREX	445
ELTA	434 435
EMERSON	396 456 458
FISHER	416
FUNAI	456 458
GE	403 430
GOLDSTAR	396
GO-VIDEO	407 426 455

GRADIENTE	415
HARMAN/KARDON	427
HITACHI	404 419
HITEKER	445
INTEGRA	422
JVC	406 418
KENWOOD	400 429
KLH	430
KONKA	410 411 412 413
KOSS	415
LASONIC	454
LG	396
MAGNAVOX	398 408
MARANTZ	396 398 408
MICROSOFT	403
MINTEK	430
mitsubishi	402
MUSTEK	431
NAD	396 433
NAKAMICHI	432
ONKYO	422
OPTIMUS	404
ORITRON	415
PANASONIC	400
PACIFIC	446
PHILIPS	398 408 423
PIONEER	404
PROLINE	415
PROSCAN	403
RADIOSHACK	443 449 453
REOC	451
RCA	403 430 443 449 453
SAMSUNG	407 455
SAMPO	417
SANSUI	394
SANYO	416
SEG	428
SHARP	397
SHERWOOD	425
SHINCO	430
SONY	389 399
SYLVANIA	456 458
SYMPHONIC	456 458
TEAC	404
TECHNICS	400
TEVION	446 448 450 451 452
THETA DIGITAL	404
TOSHIBA	394 398 436 447
UNITED	449
WHARFEDALE	442
YAMAHA	400 420
YAMAKAWA	438
ZENITH	396 405 437

Laser Disk

DENON	305
PIONEER	305
DENON	308
RCA	308
SANYO	232
SONY	323
ZENITH	232

DENON	305
PIONEER	305
DENON	308
RCA	308
SANYO	232
SONY	323
ZENITH	232

SAT

AMPLICA	575
BELL EXPRESSVU	628 647 654
CHANNEL MASTER	577 578 579
CHAPPARAL	560 561
CHEYENNE	561
DRAKE	562 574 587
DISH NETWORK	588 589 590 628
.....	647 648 654 655
DX ANTENNA	568 582
ECHOSPHERE	628
ECHOSTAR	588 589 590 628 647 654
FUJITSU	591 592
GE	636 622
GEMINI	595
GENERAL INSTRUMENTS	564 565
.....	566 593 640 642 643 644 645
HITACHI DSS	632 641
HUGHES SATELLITE DSS	629 630
.....	632 633 638
JERROLD	597
JVC	648
KENWOOD	598
LUXOR	599
MAGNAVOX DSS	576 612 639
MACOM STATE	600
NORSTAT	601
PACE	614 615 646
PANASONIC DSS	586 626
PRIMESTAR	627 640
PHILIPS	576 612 639
PHILIPS/MAGNAVOX	576 612 639
PIONEER	584
PROSCAN	622 636
RCA DSS	636 637 649 652 653 658
REALISTIC	567 603
SAMSUNG DSS	594 613 616
SHARP	604
SIERRA I II III	561
SONY DSS	585 623 657
STARCHOICE	627 640 645
STAR SIGHT	633
STAR TRAK	608
STS	568 570 571
SUPER GUIDE	609
TOSHIBA	572
TOSHIBA DSS	624 625 631
THOMSON	614
UNIDEN	573 611
UNIDEN DSS	633
VIDEO CIPHER II	574
ZENITH	562 563 574 587 595
.....	615 617 634 635 646 656

DVR

PANASONIC	373
PHILIPS	371
PROSCAN	403
RCA	403
REPLAY TV	373
SONIC BLUE	373
SONY	372
TiVo	371 372

DVR-SAT

ADELPHIA	596
DISH NETWORK	655
ECHOSTAR	655
EXPRESSVU	655
PROSCAN	636
RCA	636
SCIENTIFIC ATLANTA	607 618
SONY	657

Audio

AIWA	839 842 851 860
APEX	664
BOSE	672
CARVER	825
CITIZEN	826
DENON	803 817
FISHER	814 821
GOLDSTAR	766
HARMAN KARDON	804 818
JVC	790 813 819
KENWOOD	683 808 816
.....	828 832 869
MAGNAVOX	796 814
MARANTZ	688 824
mitsubishi	877
NAD	721 739 743
ONKYO	805 811 812
OPTIMUS	667 747 748 749
.....	751 752 754 793
PANASONIC	791 810 815
.....	823 863 864
PHILIPS	755 814 823 824 825
PIONEER	837 866 867 878
RADIOSHACK	706 754 793 806
.....	865 866 867 868 875 878 879
RCA	717 726 772 781 795
.....	827 845 866 867 867
.....	870 871 872 875 878 879
REALISTIC	822
SANYO	705
SCOTT	768
SHARP	671 684 809
SHERWOOD	706 806 858 859
SONY	778 785 797 798 799
.....	833 834 835 836 843
TEAC	710 807 855 856 857
TECHNICS	791 810 815 823 863 864
VENTURER	745
YAMAHA	801 802 838 840
.....	841 846 847 848 849
ZENITH	676 730 749 759 765
.....	766 784 814 787 850

CD

ADC	660
ADCOM	661 714
AIWA	662 663 707 842
AKAI	715 737 830
AUDIO TECHNICA	665
CALIFORNIA AUDIO LABS	716
CAPETRONIC	669

CARVER	666 667 668 825
CASIO	777
CITIZEN	826
CURTIS MATHES	777
DENON	670
EMERSON	661 673
FISHER	667 675 676 677 718
GE	725
GENEXXA	673 678 719
GOLDSTAR	720
HARMAN KARDON	680 691
HITACHI	678
INKEL	681
JC PENNEY	690 777
JVC	682 813
KENWOOD	679 683 685
.....	727 728 828
KRELL	666
KYOCERA	660
LUXMAN	686 687 729 738
LXI	777
MAGNAVOX	666 731 800
MARANTZ	666 688 689 732
MCS	690 777
MGA	691
MISSION	666
mitsubishi	691 692
NAD	721 743
NAKAMICHI	693 694 831
NEC	690
NIKKO	665 673 676
NSM	666
ONKYO	695 696 722 811
OPTIMUS	667 668 678 679 697
.....	698 699 700 744 747 751
PANASONIC	716 733 740 820 862
PHILIPS	666 731 825
PIONEER	678 701 702
.....	719 750 837 876
PROTON	666
QUASAR	716
RADIOSHACK	668 699 706 750
.....	786 868 874 876
RCA	661 667 703 723 750
.....	795 844 873 874 876
REALISTIC	661 667 669 673
.....	678 689 697 699
ROTEL	666
SAE	666
SAMSUNG	741
SANSUI	66