

ONE

FOR ALL

CODE BOOK

3-DIGIT, 4-DIGIT

& 5-DIGIT CODES

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INTRODUCTION:

This manual is brought to you by Replacement Remotes. If you are looking for One For All® codes than you found the right manual! This Manual includes all codes for all One For All® 5-Digit, 4-Digit & 3-Digit codes. To know how to program your One For All® Universal you must refer to the User guide. If you are unable to program your remote keep in mind that we are an Authorized dealer for all major brands and would be able to assist you with getting your Original Equipment Manufactured Replacement remote control. Keep in mind that all original replacements do NOT NEED PROGRAMMING.

NOTE: If you try all codes listed for the brand and unable to get it to work, it's possible that your One For All® Universal is not compatible with your Unit, Or Brand. Not all codes go with all One For All® remote models.

5-DIGIT CODES

The following codes came from the following models but will work with most all One For All Universals that require the 5-digit code.

URC2030 (TV,VCR,TV/VCR,CABLE)

URC1030 (TV codes only)

URC2010 (TV codes only)

TV (5-DIGIT CODES)

A-MARK	11114
ADMIRAL	13414, 13421, 11211, 11344, 12242, 11444, 12111, 11122, 11222
AKAI	12313, 11323
ANAM	13421, 12121, 12111, 11121, 11243
ANAM NATONAL	11424, 13312, 11233
AOC	11243, 11214, 11421, 13132, 11131, 11144, 11224, 11114
ARCHER	11114
AUDOVOKS	11114
BELL & HOWELL	11211, 11122

CANDLE	11243, 11343, 11431, 13433, 11144, 11221, 12122, 11234
CAPEHART	11421, 11224
CITIZEN	11243, 11343, 11441, 11324, 11431, 13433, 11214, 11234, 11241, 11144, 11221, 11312, 12122
CONCERTO	11431, 11234
CONTEC	13421, 13243, 13432, 12111, 12121, 11422
CRAIG	13421, 13312, 12111
CROWN	11324, 11214
CURTIS MATHES	11324, 11243, 11441, 11214, 11241, 11144
CXC	13421, 12111
DAEWOO	11214, 11324, 11214, 11131, 11311, 11312
DAYTRON	11324, 11214
ELECTROHOME	11324, 11214
EMERSON	14341, 13421, 13423, 13422, 11324, 13243, 13412, 13413, 13414, 13424, 13432, 21143, 21231, 21233, 12132, 12111, 11444, 11214, 11422, 11442, 11443, 12112, 12113, 12114, 12121, 12134, 12141, 12142
ENVISION	11243, 11144
FISHER	13233, 13244, 11413, 11423
FORTRESS	12242, 11313
FUJITSU	13414, 11444
FUNAI	13414, 13421, 12111, 11444
FUTURETECH	13421, 12111
GE	11344, 11222, 11234, 11242, 11414, 11424, 13133, 13343, 13413, 21233, 11222, 11133, 11141, 11143, 11223, 11233, 11441, 11443, 12142
GOLDSTAR	11431, 11214, 11324, 12333, 11112, 13413, 11214, 11131, 11234, 11112, 11113, 11443
HALLMARK	13413, 11443
HITACHI	13212, 13224, 11431, 12244, 11323, 11324, 12312, 13342, 14314, 11411, 11334, 11214, 11213, 11234, 11314, 11322, 11434, 12131
INFINITY	11423, 11232
JBL	11423, 11232
JVC	11422, 13332, 11231
KENWOOD	11243, 11144
KLOSS	11343, 11221
KLOSS NOVABEAM	11231, 11134
KMC	12333
KTV	13421, 21231, 11324, 12111, 11214, 12141
LOGIK	11211, 11122
LUXMAN	11431, 11234
LXI	11344, 11423, 13233, 13241, 11222, 11421, 11413,

	11232, 11342
MAGNAVOX	11423, 12311, 13433, 11221, 11231, 11241, 11243, 13434, 11232, 12123, 11321, 11132, 11134, 11142, 11144, 12122
MARANTZ	11423, 11243, 11232, 11144
MEMOREX	13233, 11211, 11122, 11413
MGA	13223, 11314, 11243, 13234, 13413, 11344, 11414, 11131, 11144, 11443
MONTGOMERY WARDS	(See Wards)
MITSUBISHI	13223, 11214, 12313, 13234, 13413, 14412, 11344, 11414, 11131, 11144, 11443
MTC	11214, 11243, 11431, 11441, 11234, 11241, 11131, 11323, 11443
MULTITECH	14232, 12124
NAD	13241, 13323, 11421, 11431
NEC	11243, 1214, 11431, 13333, 11234, 11131, 11144, 11433
ONWA	13421, 12111
OPTONICA	12242, 13322, 11424, 11313
PANASONIC	11414, 11424, 11423, 13313, 11223, 11233, 11232
PENNEYS	11344, 11441, 11213, 13124, 11214, 11222, 11243, 11324, 13222, 11222, 11214, 11133, 11124, 11131, 11144, 11241, 11332
PHILCO	11423, 13434, 13433, 11214, 11221, 11231, 11241, 11243, 11232, 12123, 11144, 11131, 11132, 11134, 11142, 12122
PHILIPS	11111, 11423, 11232, 11111
PIONEER	13323, 13341, 11323, 11431, 11213
PORTLAND	11214, 11324, 11214, 11131
PROSCAN	11344, 13124, 11213, 13343, 11214, 11242, 11323, 14443, 21113, 11222, 11332, 11131, 11124, 11143, 11213, 11441
PROTON	11244, 11324, 11421, 13413V, 11214, 11224, 11443, 11211
PULSAR	11212, 11123
QUASAR	11414, 11424, 11223, 11233
RADIO SHACK	13322, 13421, 11324, 11311, 11214, 11424, 12111, 11212
RCA	11344, 13124, 11213, 13343, 11214, 11242, 11323, 14443, 21223, 11222, 11332, 11131, 11124, 11143, 11213, 11441
REALISTIC	13233, 11413
SAMPO	11243, 11421, 12321, 11224, 11144, 11324
SAMSUNG	11441, 11243, 11214, 11311, 11324, 11431, 11214,

	11241, 11144, 11131, 11212, 11234
SANYO	13233, 13244, 13213, 11413, 11423, 11341
SCOTT	11324, 13414, 13421, 14341, 12111, 11444, 11214, 12132
SEARS	11344, 13233, 11431, 13213, 13222, 13241, 13244, 13331, 13413, 13414, 11413, 11222, 11432, 11334, 11341, 11342, 11343, 11421, 11423, 11443, 11444
SHARP	12242, 13322, 11324, 13232, 11313, 11424, 11214, 11412
SIGNATURE 2000	11211, 11122 (see also WARDS)
SONY	11111, 11134, 12211, 21212, 11111, 11244, 11331
SOUNDESIGN	13413, 13421, 13433, 12111, 11443, 12122
SPECTRACON	13132, 11114, 11333
SSS	11214, 13421, 12111, 11131
SUPRE-MACY	11343, 11221
SYLVANIA	11423, 13434, 13433, 11221, 11231, 11241, 11243, 12112, 11232, 12123, 11144, 11132, 11134, 11142, 11242, 12122
TANDY	12242, 11313
TATUNG	11424, 11233
TECHNICS	11414, 11223
TECHWOOD	11431, 11234
TEKNIKA	11211, 11214, 11324, 11343, 11431, 11441, 13223, 13414, 13421, 13433, 11234, 11214, 11241, 11122, 11131, 11221, 11312, 11344, 11444, 12111, 12122
TERA	11244, 11211
TMK	13413, 11431, 11234, 11443
TOSHIBA	13241, 13233, 11441, 13222, 11421, 11413, 11241, 11343
TOSONIC	13432, 12121
TOTEVISION	11324, 11214
UNIVERSAL	11222, 11234, 11133, 11141
VECTOR RESEARCH	11243, 11144
VICTOR	11422, 11231
VIDEO CONCEPTS	12313, 11323
VIDTECH	11214, 13413, 11131, 11443
VIKING	11343, 11221
WARDS	12311, 13343, 11211, 11214, 11221, 11222, 11234, 11241, 11242, 11243, 11423, 13322, 13413, 13414, 13434, 14133, 11131, 11424, 11321, 11122, 11132, 11133, 11141, 11441, 11443, 11444, 12123
WHITE WESTINGHOUSE	13233, 13414, 11413, 11444
YAMAHA	11214, 11243, 11131, 11144

ZENITH	11212, 11211, 11123, 11122
ZONDA	11114

VCR (5-DIGIT CODES)

ADMIRAL	12432, 13431, 11324, 11411, 11441
ALWA	11111
AKAI	11332, 11412, 11422, 11442, 12333, 14413
BELL & HOWELL	11324
BROKSONIC	13431, 14214, 12432
CANON	11314, 13324
CAPEHART	11221
CRAIG	14411, 21144, 11344
CURTIS MATHES	11314
DAEWOO	21223, 11221, 11342
DAYTRON	11221
DYNATECH	11111
EMERSON	12432, 14212, 21323, 13431, 11111, 11113, 11321, 11322, 11442, 12121, 12231, 14214, 14221
FISHER	11344, 12331, 11423, 12113
FUNAI	11111
GE	11314, 11441, 12112
GO VIDEO	14331, 21224
GOLDSTAR	11323, 11322, 11213
HARMON KARMON	11323
HITACHI	11333, 12332, 11111, 11332, 12112, 13323, 14334, 21321
JCL	11314
JENSEN	11332
JVC	12114, 11131, 11332, 14143, 14144
KENWOOD	12114, 11343, 11332
LLOYD	11111
LOGIK	12131
LXI	11322
MAGNAVOX	11314, 12212, 13222
MARANTZ	11314, 11323, 12212
MARTA	11322
MEI	11314
MEMOREX	11111, 11314, 11322, 11324, 11344, 11411, 12331
MGA	11334, 11442
MINOLTA	11333, 12332
MITSUBISHI	11334, 11442, 14413
MTC	11111, 14411
MULTITECH	11111, 12131

NAD	11433
NEC	11323, 12114, 11332, 11331
OPTONICA	11411, 11443
PANASONIC	11314, 12142, 14443
PENNEYS	11314, 11323, 11331, 11333, 14411
PENTAX	11333, 12332, 12112
PHILCO	11314
PHILIPS	11314, 12212, 11443
PILOT	11322
PIONEER	11433, 12114
PORTLAND	11221
PULSAR	11324
QUARTZ	11314, 12311
RCA	11441, 11314, 11333, 12112, 12142, 12332, 13222, 14135
REALISTIC	11111, 11314, 11322, 11343, 11344, 11411, 11443, 12113, 12331, 14411
RICOH	11313
SAMSUNG	14411, 11422, 11342
SANSUI	12114, 21144, 11332, 12213
SANYO	11344, 12331, 11343
SCOTT	13431, 14221, 12432, 11342
SEARS	11314, 11322, 11333, 11343, 11344, 11423, 12113, 12331, 12332
SHARP	11411, 11443
SHINTOM	12131
SONY	11311, 11312, 11313, 11134, 11314, 21214
STS	11333
SYLVANIA	11314, 11334
SYMPHONIC	11111
TANDY	11111
TATUNG	11332
TEAC	11111, 11332
TECHNICS	11314
TEKNIKA	11111, 11314, 11322, 11421
TMK	11321
TOSHIBA	11342, 11334, 12113, 14221
TOTEVISION	11322, 14411
UNITECH	14411
VECTOR RESEARCH	11323, 11331
VICTOR	12114, 11131
VIDEO CONCEPTS	11331, 11442
VIDEOSONIC	14411
WARDS	11111, 11314, 11333, 11344, 11411, 11443,

	12131, 13222, 14221, 14411
WHITE WESTINGHOUSE	11111, 14212
YAMAHA	11323, 11332
ZENITH	11324, 11312, 11313

TV/VCR Combination (5-DIGIT CODES)

****NOTE**** *Most TV/VCR combinations get most of their functions from a VCR code. A few of them need a corresponding TV code just for the VOLUME functions.*

These TV setup codes will be features in parentheses ().

IF a VCR code does not have a corresponding TV code, then it will not be able to operate the volume on the remote you have. You will need to exchange this remote for one with numeric keys so it can have the volume programmed on it.

****NOTE****

AMERICAN HIGH	11314(11414)
BROKSONIC	11113, 21323, 14212
COLT	12131
CURTIS MATHES	11314(11414), 11441(11344) 12212(11423)
DAEWOO	21223
EMERSON	11113, 21323, 14212
FUNAI	11111
GE	11314(11414), 11441(11344), 11411(12242), 14411, 21223
HARLEY DAVIDSON	11111
HITACHI	11314(11414), 11111
HQ	11111
LLOYDS	11111
MAGNAVOX	11111, 12212(11423), 11314(11414)
MAGNIN	14411
MEMOREX	11322
MGA	14411
MITSUBISHI	11411(12242)
ORION	11113, 21323, 14212,
PANASONIC	11314(11414),
PENNEY'S	11314(11414), 11441(11344) 11322, 14411,
QUASAR	11314(11414),
RCA	11441(11344), 11411(12242)

	11314(11414)
SANSUI	11111, 14212
SANYO	14411
SEARS	11111, 11322, 14411, 11314(11414), 11441(11344)
SONY	11311
SYMPHONIC	11111
ZENITH	11111, 11322,

Cable Boxes (5-DIGIT CODES)

ABC	11124, 11134, 11142, 11212
ARCHER	13232, 11223
CENTURY	13232
CITIZEN	13232
COMTRONICS	11331, 11441
EAGLE COMTRONICS	11331
EASTERN	11113
ELECTRICORD	12143
GC ELECTRONICS	11211
GEMINI	11144, 11432, 12123, 14413
GENERAL INSTRUMENTS	11134
HAMLIN	11221, 11313, 11132, 21114, 21212
HITACHI	11134
JASCO	13232
JERROLD	11114, 11143, 11134, 11144, 11231, 11232, 11344, 12313
MACOM	11312
MEMOREX	11111
MOVIE TIME	13241, 14134, 12143
NSC	13241, 14134
OAK	11214, 11124, 14431
PANASONIC	11222, 12334
PARAGON	11111
PHILIPS	11243, 11441
PIONEER	13211, 11224, 21121
PULSAR	11111
RCA	11222
REGAL	11221, 21114, 21212, 21224
REGENCY	11113
REMBRANDT	12123
RK	21413
SAMSUNG	13211, 11331

SCIENTIFIC ATLANTIC	11131, 21222, 11123, 11212
SIGNAL	11331
SIGNATURE	111345
ST MARX	11331
SPRUCER	11222, 21414
STANDARD COMPONENTS	12123
STARCOM	11114, 11144, 11344, 12313
STARGATE	11331, 11144
SYLVANIA	11112
TANDY	21113
TEKNIKA	13213
TELECATION	14242
TEXSCAN	11112, 12311
TOCOM	11141, 11142, 11434
TOSHIBA	11111
UNIKA	13232, 11223
UNITED ARTISTS	11124
UNITED CABLE	11114
UNIVERSAL	13232, 12142, 13444, 11223, 12143
VIEWSTAR	11441, 12344, 14214, 21113
ZENITH	11111, 11423

4-DIGIT CODES

Device Set-Up Codes for all One For All® universals that require the 4-digit codes.

TV (4-DIGIT CODES)

(NOTE: All codes that starts with the number “0” will not work for the following models: URC2020 | URC3030 | URC1030; could be more.)

(NOTE: All codes that starts with the number “1” will not work for the following models: URC3300 | URC3600 | URC3700 | URC4600 | URC4700 | URC4330 | URC5600; could be more.)

A-Mark	1112, 0003
AOC	0003, 0019, 0030, 0052, 0137, 0185
Abex	1143, 0032

Accuscan	1213
Admiral	1244, 1334, 1143, 1234, 0032
Adventura	1212, 0046
Aiko	1243, 1142, 0092
Akai	1142, 1231, 1122, 0030, 0098
Alaron	1223, 0179, 0183, 0216
Alleron	1412, 1421
Ambassador	1344, 0177
America Action	1224
Americana	1232, 1322
Anam	1233, 1413, 1224, 0068, 0180
Anam National	1224, 0055
AOC	1112, 1123, 1142, 1422, 1221, 1122, 1114
Archer	1112, 0003
Astro Text	0379
Audiovox	1413, 1112, 1233, 1224, 1142, 1242, 0003, 0180
Bay Crest	1123, 1334
Baysonic	1224, 0180
Belcor	1123, 1114, 0019
Beaumark	1121
Bell & Howell	1324, 1114, 1244, 1212, 1112, 0016, 0154
Bench Mark	1232, 1123, 1413, 1114
Bradford	1413, 1224, 0180
Brockwood	1123, 1114, 0019
Broksonic	1112, 1432, 1234, 1231, 0003
Candle	1142, 1231, 1423, 1212, 1122, 1133, 0030, 0046, 0056, 0186
Capehart	1221
Carver	1223, 1132, 0054, 0170
Carnivale	1122, 0030
CCE	1431, 0217, 0329
Celebrity	1111, 0000
Citizen	1243, 1232, 1231, 1142, 1441, 1423, 1211, 1212, 1134, 1122, 1133, 1142, 0030, 0039, 0046, 0056, 0060, 0092, 0186, 0280, 0561
Ceneral	1233, 1142, 0092, 0451
Clairtone	1422, 0185
Colortyme	1223, 1232, 1411
Concerto	1231, 1133, 0056
Conic	1143
Contec	1413, 1422, 1332, 1224, 0157, 0158, 0180, 0185
Craig	1413, 1224, 0180
Crosley	1223, 1132
Crown	1413, 1211, 1224, 0039, 0180

Curtis Mathes	1342, 1232, 1142, 1444, 1211, 1123, 1132, 1212, 1124, 1233, 1143, 1134, 1122, 1144, 1133, 1112, 1214, 0030, 0039, 0060, 0154
CXC	1413, 1224, 0180
Daewoo	1243, 2111, 1123, 1211, 1233, 1114, 1142, 1242, 1243, 0019, 0039, 0091, 0092, 0451
Daytron	1123, 1231, 1114, 0019
Denon	1144, 0145
Dumont	1123, 1121, 1113, 1114, 0017, 0019
Electroband	1111, 1422, 1111, 0000, 0185
Electrohome	1443, 1322, 0381, 0389, 0409
Emerson	1432, 2112, 1413, 1412, 1344, 1411, 1441, 1442, 1123, 1211, 1422, 1414, 1144, 1332, 1324, 1212, 1231, 1234, 1224, 1222, 1114, 1223, 1242, 1243, 0019, 0038, 0039, 0154, 0158, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0185, 0236, 0270, 0280, 0282, 0463
Encor	1143
Envision	1142, 1122, 0030
Fisher	1324, 1333, 1212, 0154, 0159
Fujitsu	1412, 1223, 0179
Funai	1342, 1412, 1413, 1224, 1223, 1221, 0171, 0179, 0180
Futuretech	1413, 1224, 0180
GE	1213, 1214, 1224, 2111, 1131, 1133, 1442, 1312, 1411, 1141, 1343, 1123, 1124, 1233, 1143, 1222, 0021, 0027, 0029, 0047, 0051, 0055, 0135, 0174, 0178, 0279, 0282, 0451
Gibraltar	1142, 1123, 1121, 1113, 1122, 1114, 0017, 0019, 0030
Goldstar	1231, 1142, 1123, 1411, 1143, 1122, 1222, 1114, 1133, 0001, 0002, 0019, 0030, 0032, 0039, 0106, 0178, 0409
Granada	1313, 1323
Gradiente	1131, 1133, 0053, 0056, 0170, 0392
Grundy	1412, 1413
Grumpy	1412, 1413, 1224, 1223, 0179, 0180
Hallmark	1411, 0178
Hallmark	1222
Harley Davidson	1411, 1111, 1413, 1223, 1223
Harmon Kardon	1234, 1132, 0078
Harvard	1413, 1233, 1224, 0068, 0180
Heathkit	1114, 1121, 1243

Hitachi	1313, 1323, 1231, 1144, 1143, 1144, 1133, 1112, 0032, 0038, 0056, 0145, 0151, 0279, 0409, 0413
Ima	1413
Infinity	1223, 1132, 0054
Inteq	1113
Janeil	1212
JBL	1223, 1132, 0054
JCB	1111, 1111, 0000
JVC	1222, 1414, 1131, 0036, 0053, 0069, 0160, 0169, 0182
Janeil	0046
KEC	1224, 0180
Kamp	1332, 0216
Kawasho	1332, 0158, 0216
Kaypani	1221, 0052
Kenwood	1142, 1123, 1122, 1114, 0019, 0030
KLH	1233, 1413
Kloss Novabeam	1234, 1132
Kloss	1234, 1132, 1212, 0024, 0046, 0078
KMC	1143
KTV	1142, 1413, 1422, 1441, 1211, 1421, 1431, 1224, 1122
LG	1133, 0056
Lloyds	1432, 1413, 1412
Logik	1114, 1112, 0016
Luxman	1231, 1133, 0056
LXI	1324, 1223, 1213, 1411, 1331, 1123, 1132, 1212, 1213, 1222, 0047, 0054, 0148, 0154, 0156, 0178
Magnasonic	1412, 1142, 1132, 1122, 1223
Magnavox	1223, 1311, 1423, 1424, 1142, 0020, 0024, 0028, 0030, 0036, 0054, 0096, 0186, 0187, 0230, 0386
Majestic	1114, 1112, 0015, 0016
Marantz	1223, 1142, 1132, 1122, 0030, 0054
Matsui	1431
Matsushita	1232, 0250
Megatron	1411, 1112, 1313, 1222, 1144, 0003, 0145, 0178
MEI	1422, 0185
Memorex	1322, 1324, 1231, 1114, 1411, 1212, 1232, 1234, 1211, 1222, 1223, 1133, 1112, 0016, 0056, 0106, 0150, 0154, 0178

MGA	1322, 1142, 1411, 1211, 1122, 1222, 1114, 0019, 0030, 0150, 0155, 0178
Midland	1213, 1121, 1214, 1312, 1211, 1143, 1123, 1113, 1124, 0017, 0032, 0039, 0047, 0051, 0135
Mintuz	1131, 1133, 0021
Mitsubishi	1322, 1123, 1411, 1143, 1211, 1222, 1114, 0019, 0093, 0098, 0150, 0155, 0178, 0241
Montgomery Wards	(see Wards)
Motorola	1244, 1224, 1143, 0055, 0093
MTC	1422, 1232, 1231, 1142, 1123, 1134, 1122, 1114, 1133, 0019, 0030, 0056, 0060, 0091, 0185, 0216
Multitech	1413, 1431, 1224, 0180, 0217
NAD	1341, 1331, 1411, 1213, 1222, 1214, 0156, 0166, 0178
NEC	1142, 1231, 1123, 1122, 1114, 1133, 0019, 0030, 0036, 0056, 0170
NTC	1243, 1142, 0092
Nikko	1243, 1411, 1122, 1222, 1142, 0030, 0092, 0178
Noblex	0430
Noshi	0018
Okron	1123
Onwa	1413, 1224, 0180
Optimus	1341, 1324, 1212, 1232, 1214, 0154, 0166, 0250
Optonica	1244, 1334, 1143, 0093, 0165
Orion	1423, 2112, 1231, 1234, 1223, 0236
Orittron	1413, 1112
Panasonic	1433, 1214, 1224, 1223, 1124, 1232, 0051, 0055, 0162, 0226, 0250, 0338
PCE	1331, 1232
Penney	1213, 1232, 1214, 1142, 1123, 1122, 1412, 1131, 1133, 1321, 1331, 1321, 1112, 1211, 1143, 1123, 1213, 1124, 1134, 1122, 1222, 1114, 1133, 0002, 0003, 0018, 0019, 0021, 0027, 0030, 0032, 0039, 0047, 0051, 0060, 0135, 0149, 0156, 0178
Performance	1111
Philco	1223, 1311, 1142, 1123, 1132, 1234, 1122, 1144, 1114, 0019, 0020, 0028, 0030, 0054, 0096, 0145
Philips	1223, 1311, 1132, 0054
Pilot	1142, 1123, 1211, 1122, 1114, 0019, 0030, 0039
Pioneer	1341, 1144, 1214, 1244, 0038, 0166
Portland	1243, 1123, 1211, 1114, 1142, 0019, 0039, 0092
Priceclub	1232

Princeton	1312
Prisim	1214, 1124, 0051
Proscan	1213, 1123, 0047
Proton	1221, 1411, 1112, 1222, 0003, 0052, 0178, 0466
Pulsar	1121, 1113, 1114, 0017, 0019
Pulser	1123
Quasar	1433, 1214, 1224, 1124, 1232, 0051, 0055, 0165, 0250
Radio Shack	1334, 1413, 1123, 1211, 1143, 1123, 1212, 1224, 1122, 1222, 1114, 1133, 0019, 0030, 0032, 0039, 0047, 0056, 0154, 0165, 0178, 0180, 0409
RCA	1213, 1122, 1123, 1141, 1321, 1434, 1343, 1342, 1123, 1124, 1143, 1114, 1244, 0018, 0019, 0029, 0038, 0047, 0090, 0135, 0174, 0278
Realistic	1324, 1334, 1231, 1142, 1123, 1413, 1411, 1211, 1143, 1212, 1224, 1122, 1222, 1114, 1133, 0019, 0030, 0032, 0039, 0056, 0154, 0165, 0178, 0180
Rhapsody	1422, 1421, 0183, 0185, 0216
Runco	1142, 1121, 1113, 1122, 0017, 0030
Sampo	1221, 1211, 1143, 1122, 0030, 0032, 0039, 0052
Samsung	1232, 1231, 1142, 1123, 1411, 1143, 1134, 1122, 1222, 1114, 1133, 0019, 0030, 0032, 0039, 0056, 0060, 0178, 0329, 0427, 0482
Samsux	1211, 0039
Sanky	1142, 1232, 1211
Sensei	1233, 0451
Sansui	1142, 1232, 1334, 1234
Sanyo	1324, 1333, 1314, 1212, 0146, 0154, 0159, 0484
Scimitsu	1123, 1114, 0019
Scotch	1411, 1222, 0178
Scott	1432, 1123, 1413, 1411, 1231, 1224, 1222, 1114, 1223, 0019, 0178, 0179, 0180, 0236
Sears	1213, 1324, 1342, 1223, 1231, 1331, 1333, 1411, 1412, 1123, 1132, 1212, 1213, 1222, 1223, 1133, 1221, 1321, 1314, 0015, 0047, 0054, 0056, 0146, 0148, 0149, 0154, 0156, 0159, 0171, 0178, 0179
Semivox	1224, 0180
Semp	1213, 0156
Sharp	1244, 1334, 1211, 1143, 1311, 0039, 0093, 0153, 0157, 0165, 0386, 0491
Shogun	1123, 1114, 0019

Signature	1114, 1244, 1112, 0016
Simpson	1423, 1424, 0186, 0187
Sony	1111, 1113, 1241, 1111, 0000, 0011, 0080, 0111
Soundesign	1413, 1423, 1411, 1412, 1224, 1222, 1223, 0178, 0179, 0180, 0186
Spectricon	1112, 0003, 0137
Squareview	1342, 1221, 0171
SSS	1123, 1413, 1224, 1114, 0019, 0180
Starlite	1413, 1224, 0180
Supre-Macy	1212, 0046
Supreme	1111, 1111, 0000
Sylvania	1223, 1311, 1142, 1132, 1122, 0020, 0028, 0030, 0054, 0065, 0096, 0381
Symphonic	1342, 1221, 0171
Tandy	1244, 1334, 0093
Tatung	1224, 1112, 0003, 0055
Technics	1433, 1214, 0051, 0250
Techtnol Ace	1412, 0179
Techwood	1214, 1231, 1112, 0003, 0051, 0056
Teknika	1243, 1223, 1322, 1123, 1114, 1232, 1413, 1231, 1423, 1412, 1211,
Thomas	1231, 1411
TMK	1231, 1344, 1411, 1222, 1133, 0056, 0177, 0178
TNCi	1113
Tandy	1143
Technics	1124, 1232
Technol Ace	1223
Techwood	1124, 1133
Teknika	1132, 1224, 1211, 1134, 1114, 1223, 1133, 1112, 1142, 0016, 0019, 0039, 0054, 0056, 0060, 0092, 0150, 0179, 0180, 0186, 0312, 0322
Telefunken	1133, 0056
Toshiba	1331, 1232, 1321, 1212, 1213, 1134, 0036, 0060, 0149, 0154, 0156
Tosonic	1422, 0185
Totevision	1211, 0039
Trical	0157
Truetone	1433, 1214, 1224
Universal	1131, 1133, 0027
Vector Research	1142, 1122, 0030
Victor	1222, 1131, 0053
Video Concepts	0098
Vidikron	1223, 1132, 0054, 0242
Vidtech	1123, 1411, 1222, 1114, 0019, 0036, 0178

Viking	1212, 0046, 0312
Wards	1223, 1334, 1311, 1114, 1231, 1142, 1125, 1141, 1411, 1131, 1133, 1134, 1412, 1134, 1343, 1241, 1132, 1122, 1222, 1114, 1223, 1133, 1112, 0016, 0019, 0020, 0021, 0027, 0028, 0029, 0030, 0054, 0056, 0080, 0096, 0111, 0165, 0174, 0178, 0179
Weltron	1411, 1125
White Westinghouse	1324, 1412, 2111, 1234, 1242, 1243, 0154, 0179, 0451, 0463
XR1000	1432, 1413, 1342
Yamaha	1142, 1125, 1122, 1114, 0019, 0030
York	1142
Zenith	1121, 1243, 1114, 1113, 1234, 1112, 1142, 1243, 0016, 0017
Zonda	1112, 0003

VCR (4-DIGIT CODES)

Action	0317
Admiral	0048
Adventura	1111, 0000
Aiko	1413, 0278
Aiwa	1111, 0000, 0037, 0406
Akai	1141, 1214, 1313, 1224, 0041, 0049, 0053, 0061, 0106
American High	1124, 0035
Asha	1411, 0240
Astra	1124, 1411, 1111
Audiovox	1131, 0037
Avis	1241, 1111
Beaumark	1411, 0240
Bell & Howell	1311, 0104
Broksonic	1311, 1413, 1341, 1314, 1422, 1424, 0002, 0121, 0184, 0211, 0295, 0361, 0479
Calix	1311, 0037
Canon	1124, 0035, 0102, 0167
Calin	1131, 1132
Candle	1131, 1413
Capehart	1114, 0020
Carver	1243, 0081, 0146
CCE	1413, 1241, 0072, 0278
Cineral	0278

Citizen	1131, 1413, 0037, 0278
Colt	1241, 0072
Colortyme	1124, 1223, 1413
Craig	1411, 1241, 1131, 1212, 1412, 0037, 0047, 0072, 0240, 0271
Crosley	1124, 1243
Curis Mathes	1124, 1123, 1332, 1141, 0035, 0041, 0060
Curtis Mathis	0035
Cybernex	1411, 0051, 0240
Daewoo	1413, 1114, 1144, 0020, 0045, 0278
Daytron	1114, 0020
Denon	0042
Dynatech	1111, 0000
Electahome	1131, 0037
Electroponic	1131, 0037
Emerex	1121, 1122, 1123, 0032
Emerson	1331, 1413, 1421, 1112, 1341, 1314, 1131, 1111, 1342, 1234, 1422, 1421, 1424, 1224, 1143, 1333, 1334, 1244, 0000, 0002, 0036, 0037, 0043, 0061, 0068, 0088, 0121, 0184, 0208, 0209, 0211, 0212, 0278, 0294, 0295, 0361, 0479
Fisher	1311, 1212, 1221, 1232, 0047, 0054, 0066, 0104
Fuji	1124, 1122, 0033, 0035
Funai	1111, 1423, 0000
GAB	1241
Garrard	1111, 1423, 0000
GE	1223, 1332, 1124, 0035, 0048, 0060, 0065, 0202, 0240
Go Video	1344, 1414, 1411, 0232, 0279, 0350, 0432, 0526
Goldstar	1131, 1132, 0018, 0037, 0038
Gradiente	1111, 0000, 0008, 0408
Grundig	0195
Harley Davidson	1111, 0000
Harmon Kardon	1132, 0038, 0075
Harvard	1241, 1234
Harwood	1241, 1234, 0068, 0072
Headquarter	1211, 0046
Hi-Q	1212, 0047
Hi-Point	1331, 1342, 1314
Hitachi	1142, 1312, 1323, 1141, 0000, 0041, 0042, 0065, 0082, 0105, 0166, 0396
Jensen	1141, 1233, 0041
JVC	1113, 1233, 1141, 0008, 0041, 0067, 0206,

0207, 0384

KEC	1413, 1131, 0037, 0278
Kenwood	1233, 1113, 1141, 1132, 0038, 0041, 0067, 0384
KLH	1241, 0072
Kodak	1124, 1131, 0035, 0037
Lloyd	1111, 1333, 0000, 0208
Logik	1241, 0072
LXI	1131, 0037
Magnasonic	1411, 1131, 1413, 0278
Magnavox	1124, 1243, 1133, 1321, 0000, 0035, 0039, 0081, 0110, 0149
Magnin	1411, 0240
Marantz	1124, 1243, 0035, 0081, 0146
Marta	1131, 0037
Matsushita	1124, 0035, 0454
MEI	1124, 0035
Memorex	1111, 1124, 1311, 1411, 1131, 1213, 1212, 1133, 1211, 1241, 1334, 0000, 0035, 0037, 0039, 0046, 0047, 0048, 0104, 0162, 0240
MGA	1143, 1244, 0043, 0061, 0240
MGN	1411, 0240
Minolta	1142, 1312, 0042, 0105
Mitsubishi	1143, 1324, 1224, 1233, 1113, 0043, 0048, 0061, 0067, 0075, 0173, 0443
Motorola	1124, 1213, 0035, 0048
Movie Walker	1241
Montgomery Wards	(see Wards)
MTC	1111, 1411, 0000, 0240
Multitech	1111, 1241, 0000, 0072
NAD	1222, 0058
NEC	1132, 1311, 1134, 1141, 1233, 1113, 0038, 0040, 0041, 0050, 0067, 0082, 0104
Nikko	1131, 0037
Nikon	0034, 0253
Noblex	1411, 0240
Olympus	1124, 0035, 0226
Optimus	1213, 1131, 1222, 1311, 0037, 0048, 0058, 0104, 0162, 0432, 0454
Optonica	1231, 0062
Orion	1331, 1413, 1422, 0002, 0295, 0479
Panasonic	1322, 1124, 1343, 1242, 0035, 0077, 0102, 0162, 0225, 0226, 0227, 0378, 0454
Penney	1124, 1411, 1131, 1142, 1323, 1132, 1134, 1221, 0035, 0037, 0038, 0040, 0042, 0054, 0240

Pentax	1142, 1312, 0042, 0065, 0105
Philco	1124, 0035, 0209, 0479
Philips	1124, 1243, 0035, 0062, 0081, 0110
Pilot	1131, 0037
Pioneer	1222, 1233, 1113, 0058, 0067, 0162
Portland	1114, 0020
Proscan	0060, 0202
Protec	1241, 0072
Proton	1231
Pulsar	1133, 0039, 0051
Quarter	1211, 0046
Quartz	1211, 0046
Quasar	1322, 1124, 1242, 0035, 0077, 0162, 0454
Radio Shack	1111, 1131, 1423, 0000, 0037
Radix	0037
Randex	1131, 0037
RCA	1223, 1332, 1142, 1312, 1321, 1242, 1313, 0035, 0042, 0048, 0060, 0065, 0077, 0105, 0106, 0149, 0202, 0240
Realistic	1111, 1411, 1124, 1131, 1213, 1311, 1212, 1211, 1232, 1231, 0000, 0035, 0037, 0046, 0047, 0048, 0062, 0066, 0104
Ricoh	1123, 1122, 1121, 0034, 0253
Runco	1135, 0039
Samsung	1411, 1144, 1214, 0045, 0051, 0053, 0240
Salora	0075
Sanky	1213, 1133, 0039, 0048
Sansui	1141, 1233, 1113, 0000, 0041, 0067, 0082, 0271, 0479
Sanyo	1311, 1341, 1342, 1314, 1143, 1144, 0046, 0047, 0104, 0240
Scott	1331, 1341, 1342, 1314, 1143, 1144, 0043, 0045, 0121, 0184, 0210, 0211, 0212
Sears	1311, 1131, 1124, 1142, 1312, 1212, 1211, 1221, 1232, 0000, 0035, 0037, 0042, 0046, 0047, 0054, 0057, 0066, 0104, 0105
Semp	0045
Sharp	1213, 1231, 0048, 0062
Shintom	1241, 0072
Shogun	1411, 0051, 0240
Singer	1241, 0072
Signature	1124, 1131
Sony	1121, 1122, 1123, 1124, 0000, 0011, 0032, 0033, 0034, 0035, 0253

Sunpak	0253
Soundesign	1111
STS	1142, 1312, 0042
Sylvania	1124, 1243, 1143, 0000, 0035, 0043, 0081, 0110
Symphonic	1111, 1423, 0000
Tatung	1141, 0041
TEAC	1111, 1141, 0000, 0041
Technics	1322, 1124, 0035, 0162
Teknika	1111, 1124, 1131, 0000, 0035, 0037, 0052
Thomas	0000
TMK	0036, 0208, 0240
TMR	1411, 1333
Toshiba	1143, 1144, 1232, 1342, 0043, 0045, 0057, 0066, 0210, 0212, 0366
Totevision	1411, 1131, 0037, 0240
Unitech	1411, 0240
Vector	1144, 0045
Video Research	1132, 1134, 0038, 0040
Victor	1141, 1233
VideoConcepts	1144, 1134, 1224, 0040, 0045, 0061
Videosonic	1411, 0240
Wards	1111, 1124, 1142, 1312, 1411, 1212, 1213, 1223, 1332, 1241, 1342, 1321, 1231, 0000, 0035, 0042, 0047, 0048, 0060, 0062, 0072, 0081, 0149, 0212, 0240
White Westinghouse	1111, 1334, 0000, 0072, 0209, 0278
XR-1000	1111, 1241, 1124, 0000, 0035, 0072
Yamaha	1132, 0038
Zenith	1133, 1122, 1123, 1121, 0000, 0033, 0034, 0039

TV/VCR Combinations (4-DIGIT CODES)

TV/VCR's working on VCR code:

0035 may require TV code **0051** for volume and mute.

0048 may require TV code **0093** for volume and mute.

0060 may require TV code **0047** for volume and mute.

0081 may require TV code **0054** for volume and mute.

0162 may require TV code **0250** for volume and mute.

****NOTE**** *Most TV/VCR combinations get most of their functions from a VCR code. A few of them need a corresponding TV code just for the VOLUME functions.*

These TV setup codes will be features in parentheses ().

IF a VCR code does not have a corresponding TV code, then it will not be able to operate the volume on the remote you have.

*You will need to exchange this remote for one with numeric keys so it can have the volume programmed on it. ****NOTE*****

AMERICAN HIGH	1124(1214), 0035
BROKSONIC	1112, 1421, 1334, 0002, 0294, 0479
COLT	1241, 0072
CURTIS MATHES	1124(1214), 1223(1213), 1243(1223), 0035
DAEWOO	1413, 0278
EMERSON	1112, 1421, 1334, 0002, 0294, 0479
FUNAI	1111, 0000
GE	1124(1214), 1223(1213), 1213(1244), 1411, 1413, 0035, 0060, 0048, 0240
HARLEY DAVIDSON	1111
HITACHI	1124(1214), 1111, 0035, 0000
HQ	1111, 0000
LLOYDS	1111, 0000
MAGNAVOX	1111, 1243(1223), 1124(1214), 0000, 0035, 0081
MAGNIN	1411, 0240
MEMOREX	1131, 1322(1433), 0037, 0162
MGA	1411, 0240
MITSUBISHI	1213(1244), 0048
ORION	1112, 1421, 1334, 0002, 0294, 0479
PANASONIC	1124(1214), 1322(1433), 0035, 0162
PENNEY'S	1124(1214), 1223(1213), 1131, 1411, 1322(1433), 0035, 0240, 0162
QUASAR	1124(1214), 1322(1433), 0035, 0162
RCA	1223(1213), 1213(1244), 1124(1214), 0035, 0060, 0048
SAMSUNG	0240
SANSUI	1111, 1334, 0000, 0479
SANYO	1411, 0240
SEARS	1111, 1131, 1411, 1124(1214), 1223(1213), 0000, 0037
SHARP	0048
SONY	1121

SYMPHONIC	1111, 0000
ZENITH	1111, 1131, 0000

Cable Boxes (4-DIGIT CODES)

ABC	1112, 1114, 1122, 1123, 1131, 1133, 1134, 1142, 0001, 0003, 0007, 0008, 0011, 0013, 0014, 0017, 0047
Allegro	0153, 0315
American	1233
Amtronix	1212, 1312, 0022, 0207, 0241
Arbatron	1114, 1134, 1131, 1322
Archer	1212, 1244, 1312, 0022, 0039, 0153, 0207, 0241, 0309, 0797
BBT	0267
Belcor	1232, 0056
Cable Star	1232, 0056
Cabletenna	1212, 0022
Cableview	0022
Century	1244, 0153, 0309
Citizen	1244, 0153, 0309, 0315
Color Voice	1221, 1222, 0025, 0031
Comband	0232, 0233
Comtronics Eagle	1224, 1233, 0040, 0060
Contec	1143, 0019
Digi	0637
Dae Ryung Eagle	1123
Eastern	1113, 0002
Electricord	0078
Emerson	0797
Everquest	1141, 0015, 0040
Focus	0400
FutureVision	0649
Garrard	1244
GC Electronics	1232, 1312, 0056, 0207
GE	0232, 0233
GMI	0057
Garrard	0153, 0309
Gemini	1141, 1241, 0015, 0057, 0070, 0242
General Instruments	1322, 1131, 1114, 0011, 0476
Goldstar	1243, 1224, 0040, 0144

Goodmind	0797
Hamiln	1124, 1144, 1223, 1314, 1321, 0009, 0020, 0034, 0259, 0273
Hitachi	1131, 0011
Hytex	1122, 0007
Jasco	1244, 0153, 0309, 0315
Jerrold	1114, 1322, 1134, 1131, 1141, 1132, 1214, 0003, 0011, 0012, 0014, 0015, 0024, 0047, 0476
Linsay	0440
Macom	0033
Magnavox	0027, 0069, 0334, 0797
Memorex	1111, 0000
Movie Time	1234, 1311, 0063, 0078, 0156
NSC	1234, 1311, 1241, 0063, 0070, 0156
Northcoast	0314, 0671
Novaplex	0618
Oak	1122, 1143, 0007, 0019
Omega	1141
Optimus	0021
Panasonic	1211, 1242, 1111, 0000, 0021, 0107
Panther	0637
Paragon	1111, 0000
Philips	1244, 1221, 1222, 0025, 0027, 0028, 0029, 0030, 0031, 0153, 0242, 0290, 0334, 0649
Pioneer	1332, 1243, 1213, 0023, 0144, 0260, 0533, 0753
Popular Mechanics	0400
Prelude	0770
Prism	1132, 1133
Pulsar	1111, 0000
Quest	1243, 1144
RCA	1211, 0021
Radio Shack	0015, 0315, 0797
Realistic	1312, 0207, 0241
Recoton	0400
Regal	1314, 1144, 1321, 0020, 0259, 0273, 0279
Regency	1113, 0002
Rembrandt	1131, 1241, 0011, 0070
Runco	1111, 0000
SL Marx	0040
Samsung	1243, 1224, 0040, 0144
Scientific Atlanta	1123, 1323, 1142, 1121, 0006, 0008, 0017, 0477
Seam	0510
Sears	1324
Sigma	1143

Signal	1141, 1224, 0015, 0040
Signature	1131, 0011
St.Marx	1224
Sprucer	1211, 0021, 0307
StarSight	0422, 0542
Starcom	1114, 1141, 0003, 0015, 0047
Stargate	1141, 1224, 0015, 0040, 0770
Starquest	1141, 0015
Sylvania	1112, 0001
TFC	0310
Tandy	1313, 0258
Tatung	0097
Teknika	0146
TeleCaption	0221
Teleview	1224, 0040
Texscan	0001
Timeless	0418
Texcam	1112
Tocom	1132, 1133, 0012, 0013, 0059
Toshiba	1111, 0000
Tusa	1141, 0015
TV86	1234, 0063
Unika	1244, 1312, 1212, 0022, 0153, 0207, 0241, 0309
United Artists	1122, 0007
United Cable	1114, 0003
Universal	1244, 1312, 1212, 1232, 0022, 0039, 0056, 0077, 0078, 0153, 0191, 0207, 0241
U.S.Electronics	1114, 1322, 1323, 1142, 1123
Viewstar	1234, 1233, 1313, 0027, 0060, 0063, 0211, 0258, 0289
Videoway	1111, 0250
Zenith	1111, 1331, 1231, 0000, 0054, 0525
Zentek	0400

Satellites (4-DIGIT CODES)

Alphastar	0772
Echostar	0775
ExpressVu	0775
General Instruments	0361, 0869
HTS	0775
Hitachi	0819

Hughes	0749, 0819
Jerrold	0361, 0627
Magnavox	0722, 0724
Panasonic	0701
PrimeStar	0361, 0627, 0869
RCA	0566
Sony	0639
Toshiba	0790
Uniden	0724

3-DIGIT CODES

Audio Amplifiers (3-digit codes)

AIWA	406
DENON	160
GE	078
GOLDSTAR	031
HARMON KARDON	106
KENWOOD	297, 356
LUXMAN	165
MARANTZ	321
MCINTOSH	251
NEC	092, 116, 131, 264, 302
OPTIMUS	395, 013, 300
PANASONIC	308
PHILIPS	269
PIONEER	013, 300, 257
REALISTIC	231, 395
SANSUI	321
SHARP	226
SHURE	264
SONY	220
SOUNDESIGN	078, 211
TECHNICS	308, 372, 374
THOMSON	306
TOSHIBA	353
YAMAHA	143, 354, 133

Audio Cassette (3-DIGIT CODES)

ADC	171
AIWA	029, 263, 200, 078, 015, 025, 197, 079, 223, 111, 148, 290, 264
AKAI	283, 188, 189
BSR	224
CARVER	261, 029
DENON	076, 259, 260
FISHER	074, 261
GARRARD	300, 439
HARMON KARDON	182
HITACHI	163, 164
INKEL	085, 086
JVC	244, 303
KENWOOD	070, 071, 092, 251, 183, 205, 071, 070, 233, 234
KYOCERA	171
LUXMAN	091, 095, 266, 012
MAGNAVOX	083, 029
MARANTZ	009, 029
MEMOREX	099, 101
NAD	144
NAKAMICHI	248, 218, 247, 147, 151
NEC	165
ONKYO	100, 136, 150, 282
OPTIMUS	300, 439, 220, 027
PANASONIC	272, 229, 250
PHILIPS	029
PIONEER	220, 027, 099, 101
PROTON	028, 220, 198, 099, 027, 101
RCA	026
ROTEL	174
SANSUI	029, 009, 153, 265, 152, 029, 257
SANYO	261
SCOTT	267
SONY	170, 243, 157, 291
STS	287
TEAC	280, 289
WARDS	027
YAMAHA	205, 097, 094

Cable Converter (3-DIGIT CODES)

ABC=Zenith	017, 011, 007, 013, 047, 000, 084
Antronix	207

Arbatron	003
Archer	207,022,153,039,237,241
Archer-A/B	160,260
Cablecinema	019
Cabletech	022
Cabletenna	022,039
Cableview	022
Century	153,309,315
Channel View	477
Citizen	153,309,014,315,078
Comtronics	040,060,239
Contec=Oak	019
Cutis Mathes	015
Digi	637
Eagle	040,060,239
Eastern	002,418,274,293,307
Electricord	078
GC	144,077,056,016,030,207,330
Garrard	153,309
GE	251,240,232,233,237
Gemini	167,057,070,015,242,014,400
General Inst.	276,011,003,014,476
Goldstar	144,040
Hamlin	034,009,259,273,020,015
Hitachi	011,003,008,154
Hyteck	007
Intelstar	008
Jasco	015,153,315,309,305
Jerrold	276, 459, 253, 314, 014, 011, 003, 015, 024, 026, 047, 098
Macom	033
Magnavox	027,032,069,334,797
Marc's	040
Memorex	000,084
Movie Time	063,156,078,203
NSC	063,203,070,156,400,012,022,327,618,637
Northcoast	314,316
Novaplex	618,277,008,017
Oak	248,007,019,303
Panasonic	263,021,107,327,307,144,005,134,049,054
Panther	637
Paragon	000,084
Penneys	327,000,637

Philips	060, 334, 030, 025, 027, 028, 029, 300, 031, 290, 167, 242, 153, 652, 285, 301
Pioneer	144,005,533,260,023
Popular Mechanics	400
Prism	012,013,059,210
Pulsar	000
Pulser	040
Quasar	000,084
Quest	020,133
Radio Shack	153,022,797,883,015,315
RCA	021,263,487
Realistic	207
Recoton	400
Regal	020,273,259,279,284
Regency	002
Rembrandt	070,040
RK	304,306
Rodgers	000
Runco	002,000,084
Samsung	144,040,023,239,240
Scientific Atlanta	006,008,277,475,294,217,327,017,278,477
Sigma	007,019
Signal	040,011,015,035,239,305
Signature	011
SL Marx	040,239
Spectravision	058
Sprucer	021,107,144,023,017,263,307
Standard Components	155,096,010
Starcom	003,014,015,047,098
Stargate	015,057,040,239,305
Starquest	020,015
Starsight	542,422
Stealth	274
Sylvania	001
Tandy	258,270
Tatung	097
Technics	029
Teknika	146
Telecaption	221
Telecaption II	171
Teleview	063
Texscan	001,096,010
Timeless	418
Tocom	012,013,059

Toshiba	000,084
Tusa	305,015
TV COMM	018,019
TV 86	063,040,239
Uniden	235
Unika	207,153,022,207,241,309
United Artists	007
United Cable	003,011,014,253,276
Universal	191,207,022,077,078,056,153,039,322,388,241
US Electronics	008,003,017,276
Videoway	000,250,283
Vidtech	244,352
Viewstar	211,027,060,063,111,258,270,289
Wal Mart	400
Wavemaster	565
Zenith	000,054,084,525,899
Zentek	400

CD Player (3-DIGIT CODES)

ACOUSTIC RESEARCH	123
ADC	018,033
ADS	243
ADCOM	192,155,234
AIWA	012,124,249,162,419,213
AKAI	156,000,108,156,198,199,115
AUDIO ALCHEMY	194
AUDIO TECHNICA	170
BSR	194,245,134,366
CALIFORNIA AUDIO	029
CAPETRONIC	237
CARRERA	194,394
CARVER	157,179,437,008,365
CASIO	201
CLARINETTE	195
CROWN	122
CURTIS MATHES	201
DENON	003,034,358
EMERSON	155,305,164,469
FISHER	048,342,174,179,088
GE	009,334
GARRARD	280,425,407
GENEXXA	032,305,164
GOLDSTAR	030,417,383,394
HARMON KARDON	109,108,173,60

HITACHI	032,155,386,227,139,126,291
INKEL	065,061
JVC	072,655,656,657,658
KENWOOD	028,037,048,190,340,077,338,337,339,311
KODAK	287
KRELL	157
KYOCERA	018
LUXMAN UNIFIED	149,035,093,328,327,266
LXI	305,201
LUXMAN	093,149,266,432,483
MAGNAVOX	157,225,129,103,104,305
MARANTZ	005,157,180,029,128,373
MATSUI	307
MCS	043,029,201,454,345
MEMOREX	180,164,305,155,175,032
MGA	083
MCINTOSH	290,256
MISSION	157
mitsubishi	098,083
MODULAIRE	195
MTC	017
NAD	019,209,299,316
NEC	043,234,130
NAKAMICHI	147,079
NIKKO	170,174,164,464,466
ONKYO	102,101,138,137,381
OPTIMUS	037, 032, 175, 179, 194, 196, 420, 437, 426, 342, 305, 000, 096, 426
PANASONIC	029,388,303,367
PENNEY	043
PHILIPS	157,274,104,103
PIONEER	096,244,032,468
PROTON	157,152
QUASAR	029
RCA	053,179,155,305,346
REALISTIC	155, 164, 175, 179, 180, 237, 420, 452, 453, 032, 305, 164
ROTEL	157,420
SAE	157
SAMSUNG	070
SANSUI	157,305,202,148,216,346
SANYO	179,087,219,349
SCOTT	164,305,155
SEARS	201,261,037,180,265,305

SHARP	037,180,262,261,265
SHERWOOD	180,065,114,061,196
SIGNATURE	108
SONY	000,185,490,397,033,604,605
SOUNDESIGN	145
STS	018
SYLVANIA	157,225
SYMPHONIC	183
TANDY	032
TEAC	016,045,153,174,420,393,180,183,378
TECHNICS	029,207,303
TECHWOOD	363
TOSHIBA	019,299
VECTOR RESEARCH	394,417,194,109
VICTOR	072
WARDS	108
YAMAHA	036,170,187,261,082
YORX	461

Digital Audio (3-DIGIT CODES)

Denon	031
JVC	090
Kenwood	252,216
Luxman	238,239
Panasonic	228
Phillips	158
Pioneer	019
Sony	093
Technics	228
Victor	090

DVD (3-DIGIT CODES)

Akai	611
Denon	490 634
Harmon Kardon	582
JVC	558, 623
Kenwood	534
Magnavox	503 539
Mitsubishi	521
Onkyo	503 612 627
Panasonic	490 632
Phillips	482, 503, 539
Pioneer	525,571 632

Proscan	522
RCA	522
Samsung	573
Sharp	630
Sherwood	633
Sony	533
Technics	490
Theta Digital	571
Thomson	551
Toshiba	503
Yamaha	490 545
Zenith	503,591

Home Automation (3-DIGIT CODES)

AUDIO ACCESS	154
CHANNEL MASTER	094
COMMAND CENTER	252
EVERGO FAN	059
GE X10 HOMEFINDER	240
GEWA CONTROLLER	095
HYPERTEK	239,238,241,242
IBM PC JR	127
LIGHTOLIER	184
LITE TOUCH	084
LUTRON	318
ONE FOR ALL	252,167
POWERCORD	233
RADIO SHACK	240
SANYO	336
SECURITY SYSTEM	167
SUPERGUIDE	169
TELECATION	171,211,221
UNIVERSAL X10	252,167
VIDEO LINK	391
X10 ONE FOR ALL	252,167

Laser Discs (3-DIGIT CODES)

ADS	305
AIWA	203

CARVER	203,323,64
DENON	172
DISCO VISION	023
FUNAI	203
HITACHI	023
KENWOOD	258,236
MAGNAVOX	241,064
MARANTZ	064
MITSUBISHI	059
NAD	059
NEC	286
NIKKO	411
PANASONIC	204,230
PHILIPS	064
PIONEER UNIFIED	023,059
QUASAR	204
RCA	128,351,073
REALISTIC	203
SAMSUNG	323
SEGA	023
SHARP	001,237
SONY	193,201,270,194
THOM VIDEO DISK	014
VICTOR	245
YAMAHA	217

Miscellaneous Audio (3-DIGIT CODES)

ADC	086
AIWA	010,159,404
AKAI	377
AR	099
AUDIO SOURCE	351,385
BSR	392,086
CARVER	351
DENON	359
FISHER	052
GOLDSTAR	058
HARMON KARDON	477
HITACHI	229
INKEL	063
JERROLD	459
JVC	073,263,384
KENWOOD	315
KLH	351

LUXMAN	326
MAGNAVOX	325
MARANTZ	191
MITSUBISHI	132,369
NEC	235,236,118
PANASONIC	310
PARAMOUNT PICTURES	317,071
PHILIPS	191
PIONEER	089,248,271
PROTON	046
RCA	056,248
REALISTIC	376
SANSUI	325
SCHNEIDER	376
SCIENTIFIC ATLANTA	460
SHURE HTS	296
SONY	159,010,343,268
SOUNDESIGN	376
STARCOM	459
TECHNICS	517
WARDS	376
YAMAHA	292
YORX	376

Phonograph (3-DIGIT CODES)

Aiwa	188
Carver	188
Hitachi	230
Kenwood	040
Magnavox	188,223
Marantz	188
Philips	188
Pioneer	015
RCA	055
Sony	348
Sylvania	223

Satellite Receiver (3-DIGIT CODES)

Alpha Star	772
Amplika	072
Amway	075,043
Arunta	521
Astro Industries	095

Birdview	045,079
BMC	087
BSR	095
Cable Inovations	532,554,555
Cambridge	344
Capetronic	095
Cellular Vision	680
Century	538
Channel Master	018, 212, 257, 446, 447
Chaparral	053, 209 ,216, 468, 469, 470, 471, 472, 473, 474, 475, 478
C-ITOH	164
Conifer	004
Curtis Mathes	061,072
Diskus	235,236
Drake	018,062,064,066,149,150,245,268,359,483
DX Antenna	041,065,686
Echostar	148,159,218,269,280,312, 1005 775
Equus	181
ExpressVU	775
Fujitsu	186,235,236
General Inst.	038,050,071,361(small dish),532,554,555
Gould	055
Grundig	173
HNS	617
Homecable	238
HTS	775
Hughes Network	749
Hytex	095
Intersat	043
IQ	210
IQ Prisim	210
Janeil	152
Jerrold	036,361,627(small dish)
Kenwood	264,256
Luxor	083,482
Macom	018,050,061,166
Magnavox	724,749(DSS)
Marantz	200
Memorex	269,724,749(DSS)
MTI	229,230
National	323
NEC	102,178
Norsat	004,165

Optimus	724
Pace	455
Panasonic	152,701 (DSS)
Pansat	647,714
Pentec	202
Phillips	200,516,667,724 (DSS)
Pico	075
Plasmatic	442
Primestar	361,627
Prosat	158
Radio Shack	554
Ramsey	075
RCA-DSS	566,143,855, 392
Realistic	051,052
Regency	291
Samsung	563
Satstar	457
Sceintific Atlanta	234,355,597
Sony-DSS	639
Star Track	180,421,546,547
Starcast	042
Strong	421
STS	037,041,065,190,210
Superguide	311
TDP	291
Tee-Comm	093
Toshiba	061,082,790 (DSS)
Uniden	052,074,076,238,296,370,554,555,580,653,657
Viewstar	416
Wilson	326
Winegard	633
Zenith	061,064,556,635

Audio Amp. Tuners (3-digit codes)

ADC	531
ADCOM	002,304,319,616
ADMIRAL	182
ADS	375
AIWA	064,121,125,158,162,189,249,284,301,361,405 411,480,541,544,601,638,745
AKAI	051, 076, 115, 151, 224, 346, 440, 450, 546, 804, 835, 890
AUDIO	403
AUDIO EASE	210

BK	701, 702
BONDSTEC	049
BOSE	639
CAPETRONIC	531
CARVER	008,042,189,270,360,412
CASIO	195,201
CLARINETTE	195,201
CURTIS MATHES	195,201
DENON	004,273,386,771
EMERSON	255,424,495
EROICA	051,555,568
FISHER	042,219,360,732,742
GARRARD	146,281,286,407,424,440,463,640,644
GE	260,181,649
GOLDSTAR	057,112,281,386,479,556
GRADIENTE	557
HAFLER	146
HANWAH	741
HARMON KARDON	110,107,891
HITACHI	228,386,659
INKEL	027,062,066,324,475,491,502,512,565
JENSEN	705,713,754
JVC	074,464,583,756
KENWOOD	027,077,186,313,314,569,645
KOSS	255,424,495,624,636,744
LLOYDS	195
LUXMAN	166,267,329,330,429,431,586,777
LXI	181,744,755
MAGNAVOX	128,189,195,204,222,364,531
MAGNUM	729
MARANTZ	006,039,128,189,200,219,352,412,455
MCINTOSH	258,619
MCS	039,044,201,346
MCSILVER	466
MEDIACOM	446
MEMOREX	014,068,177,335
MITSUBISHI	370
MODULAIRE	195
MUSEATEX	476,497
NAD	320
NAKAMICHI	075,097,347
NEC	235
NIKKO	215,322,407,466,467,542,543,609
NILES	413

NTDE	744
ONKYO	100,119,135,144,380,867
OPTIMUS	080, 177, 181, 186, 219, 286, 440, 531 ,622, 670, 738, 744 754,801,803,867,395
ORIENT	744
PANASONIC	039,309,389,518
PENNEY	044,195,201,449
PHILCO	479
PHILIPS	189,412,600,642,891
PIONEER	014,080,150,289,531,630
PROTON	026,047
QUASAR	039
RADIO SHACK	744
RCA	054,346,360,530,531,649
REALISTIC	001,025,163,178,181,182,195
REVOX	140,250
ROTEL	007
SAMSUNG	069,070,112,286,831
SANSUI	189,193,323,346,593,703
SANYO	219,360,448,742,801
SCHNEIDER	364
SCOTT	105,163,322,390,396,418,449,495
SEARS	201
SHARP	117,186
SHERWOOD	062,066,324,475,491,502,565,653
SII	355
SONIC	281
SONTEC	068
SONY	158,168,238,415,474,776
SOUNDESIGN	670
SOUNDSTREAM	090
STS	217
SYLVANIA	222
SYMPHONIC	182
TANDBERG	204,205
TEAC	112,163,298,387,463,609,870
TECHNICS	039,208,309,518
TECHWOOD	281,344,364
TOPLINE	767
ULTRX	333,427
VECTOR RESEARCH	218,352
VICTOR	074
WARDS	014,042,054,080,158,189

WELTON	344
YAMAHA	176,186,081,082,142,293,545,712
YORX	195
ZENITH	281,622,705,736,744,857

TV (3-Digit codes)

A-MARK	003,032,039,020,137,SEE AOC
ACCUSCAN- RCA	135,018,029,047,174
ACTION	307, 019, 003, 030, 052, 185 (Also see Goldstar)
ADMIRAL	017, 179, 093, 047, 016, 180, 054, 018, 023, 051, 087, 099, 286, 180, 163, 165 ,290, 213
ADVENTURI	000
ADVENTURA	046,000
ADREIARG	046
AGNA/ANGA	150
AIWA	032
AKAI	056,030,130,009,098,208,351,142,284,393 038,145,151,373,450 see also Funai
AKISHA	182
ALARON	030
ALLERON	183,002,030
AMBASSADOR	150,110,177
AMERICA	040,030
AMERICAN HIGH	060
AMERICANA	060,030,040
AMTRON	180
ANAM	004,068,161,180,236
ANAM NATIONAL	004,005,068,161,055,061
AOC	003,004,019,030,039,052,054,135,137,178 185,268,158,180
AOL	003,135,268
ARCHER	003,207
ASTRA	168
AUDIOVOX	003,037,180,092,068
AUDIO-TECHNICA	053
BAYCREST	046,165,032,186
BECRESE	see also HITACHI
BELL & HOWELL	016,093,179,180,154,054
BENCHMARK/BEAUMARK	017,030,179 see also Samsung
BLACKSTRIPE	149,036 see also Toshiba
BONGEI/ BOSHEI	137,138,175
BRADFORD	180
BROCKWOOD	017,019,030,032,056,178 see also Emerson

BROKSONIC	236, 463, 624, 003, 004, 174, 177, 179, 180, 183, 282, 068 (Also see Emerson)
CAMPLE	183 see Emerson
CANDLE	019,030,046,056,178,186,039
CAPEHART	005,017,019,030,036,052,062,072,137,032 178,268,003,092 see also AOC
CARRERA	032
CARVER	054
CETRONIC	180
CIRCUIT CITY	178,179,180 see also Emerson
CITEK=TEKNIKA	032,046,312
CITIZEN	180,003,030,032,039,046,056,060,092,165 186,068,282,280,451,054,035,171,016
CLAIRTONE	185
CLASSIC	092,019,030,056,067
COLORTYME	017,019,030,032,060,067,078,144,178,047 054,018
CONCERTO	056
CONIC	032 see also Magnavox
CONSUMER ELECT..	056,086
CONTEC	157,158,180,185,009
CORONADO	039,048
CRAIG	037,161,180,282,171
CROSLEY	054,179,171,247,000,030,096,180,187,213,370 see also Magnavox
CROWN	039,093,181,241,161,163,180 (see also Daewoo)
CURTIS	091
CURTIS MATHES	030,032,036,039,047,054,056,060,091,016,415 466,092,166,251,017,281 BIG SCREEN=166,019,035,154,451,037,068
CXL / CXC	180
DAEWOO	019,451,039,066,067,082,091,092,278,282,003 009,402,020,178,391
DAYTRON	017,019,039,045,056,092,030,042,178,032
DUMONT	017,019,016,178 see also Emerson
DYNATECH	see also Multitech 000,049
EATON [CANADA]	060
ECR	036,135
ELECTRATUNE	032,039
ELECTROBRAND	000,016,185
ELECTROHOME	000,016,030,039,048,056,100,150,185,241 043,019,241,409,389,154,178 see also Emerson
ELITE	see CURTIS MATHES
EMERSON	463,236,030,036,068,135,146,147,150,163

	058,178,181,183,178,182,211,624,270
	280,282,000,185,180,158,177,039,184
ENCOR	032
ENVISION	019,030,032
EON	see NEC
ETRON	009
FISHER	154,159,143,217
FORTRESS	093 see SHARP
FUJITSU	171,179 see FUNAI
FUNAI	179,180,171,188 see also EMERSON
FUTURETECH	180,171
GE	451, 047, 021, 027, 030, 029, 051, 055, 135, 138, 161, 174 178,251,282
GILBRATTAR	017,019,030
GOLDSTAR	060,001,002,019,030,032,039,056,106,178,037 377,009,042,043,109,072
GPX	179
GRAND	178
GRANADA	145,151,178,061,037,072,146,032
GRANDIENTE	392
GRUNDIG	070,071,195,063,191,205,237,076,313,417 422,034,163
GRUNDY	179,180
HALLMARK	105,178,179,100,019,180,236 see also EMERSON
HARLEY DAVIDSON	000,008,030,060 see also EMERSON
HARMON KARDON	078
HARRAD	068,180 see also EMERSON
HARVARD	068,180 see also EMERSON
HEATHKIT	016,017 ee also ZENITH
HITACHI	019,145,151,038,039,045,047,056,105,127,032 163,165,173,182,190,201,227,230,042,095,097 225,043,109,044,097,409,441,036,035,196,283 000,017,018,034,054,057,185,197,268,356,407
IMAGES	122
IMA	180 see also EMERSON
INFINITY	054
JANEIL	046
JBL	054
JCB	000,046
JENSEN	050
JVC	030,053,069,160,169,041,190,036,189,405,054 094,182,231,229,404
KAMP	017,034,183,185,217,180,019,216

KAWAHO [KAWASHO]	019,030,056,078,183,185,308,216
KEC	180
KENWOOD	019,030,039
KLH	063,068,072 see also EMERSON
KLOSS	046,078,024
KLOSS NOVA BEAM	019,024,060,078,137
KMC	032,106
KTV	030,032,039,080,180,282,185,217,280 see also EMERSON
KUASHO	019,030,056,183 see also AOC
LAMONT [TARGET]	217
LINITRON	see also Sharp
LLOYDS	032,039,048,056,177,178,180 see also FUNAI&EMERSON
LOGIC [LOGIK]	016,165,180
LOTUS	282
LUXMAN	056
LXI	054,154,156,037,047,148,093 see also SEARS
MACYS/ SUPER MACY	036,039,046,186
MAGNASONIC	017,019,030,153,154,156,193,093,179 see also DAEWOO
MAGNAVOX	054,179,171,096,028,030,036,043,020,064,065 024,186,187 037,230
MAGNIN	210
MAJESTIC	015,016,017,019
MANA	183
MARANTZ	030,054,057,037
MARCY'S	036
MATSUI	371
MAVA	032,180,181,039
MCI	185
MEGATRON	004,145,178,055,003
MEMOREX	016,030,150,154,009,178
MGA	019,030,056,150,155,178,241
MIDLAND	017,032,039,047,048,049,051,135,019
MINOKA	284
MITSUBISHI	019,098,150,155,178 BIG SCREEN 241,014,036,037
MONITOR	030,060
MONTGOMERY WARDS	(see Wards)
MOTOROLA	054,055,093,179,183
MTC	019,030,034,032,041,049,056,060,178 180,185,039 see also TOSONIZ, 091,092,282

MULTITECH	179,180,183,217 see also EMERSON
NAD	019,056,156,166,178,030,036,170
NAO	156,166
NATIONAL QUENTIES	226
NATIONAL	226 see also PANASONIC
NEC	019,030,036,170,040,049,056,060,091
NIKAMAGIC	216
NIKKO	178,216,092
NISHO	030
NOSHI	018
NOVABEAM	078,037
ONWA	180
OPTANKA [OPTONIKA]	073,193,165,093
ORION	463,236,019,295,016,171,177 see also EMERSON
ORKON [OKRON]	019
OSAKI	032,072,218
OSUME	157
PANASONIC	051,250,055,162,338,161,375-AC/DC,054,226,100
PAUSA	179
PAXONIC	032
PCE/PEC	see also TOSHIBA OR TEKNIKA
PENNEY'S	002,018,019,021,030,035,039,057,060,100,135 147,149,047,032,110
PERFORMANCE	see also SONY
PHILCO	096,054,019,020,024,028,030,186,187 see also MAGNAVOX
PHILIPS	000,037,054,072 see also MAGNAVOX
PILOT	050,030,060,048,165,019,017,052,056
PIONEER	037,166,172,038
PORTLAND	019,032,039,092,000,017
PRICE CLUB	060
PRIMA	see also CURTIS MATHES
PRISM	051,073
PROSCAN	see RCA
PROTON	031,032,039,052,178,009
PROTECH	037
PULSAR	017,019
PULSER	see also GOLDSTAR&DAEWOO
QUASAR	055,051,219,250
RADIO SHACK	032,039,165,093,180,154,147,003, 047,135,019,018,254,038,100,174,029,278 282,060,178,090
RCA	
REALISTIC	154,180,207,047
RHAPSODY	183,185,216,217,184

RMB	039
ROTEC [PIP UNIT]	395
RUNCO	030,060,080,017
SALDRA	034
SAMPO	030,110,100,052,039,281
SAMSUNG	427,060,482,037,039,052,030,178,408,019 056,032,329,059,100,009
SAMSUX	039,038
SANKY	038,039,048
SANSUI	030,060,011,177,055,165 see also AOC
SANYO	159,154,146,232,107,208,252,147,042,157 011,036,072
SASO	109
SBR	037
SCOTT	180,056,179,039 see also EMERSON
SEARS	013,050,047,159,154,178,015,056,146,148 149,156,168,179
SEIMITSU	092,178,019
SELECTRA	022
SEMUA	039,038,048
SHARP	093,165,039,153,036,189,019,220,157,179
SHINJYO	046
SHINTOM [SYMPHONIC]	000
SHOGUN	019
SIGMAX	060
SIGNATURE [WARDS]	000,035,016,165,019,179
SIMPSON	186,187
SNYDER	037
SONY	000,080,011,111,273,229,036
SOUNDESIGN	180,179,178,186,030,056,060,187 see also EMERSON
SPECTRICIAN	003,137 see also AOC
SQUAREVIEW	171
SSS	019,180
STARLITE	180
SUPERMACY	046,039,046,186
SUPREME	000
SYLVANIA	054, 020, 187, 186, 024, 028, 030, 065, 096, 173, 157, 095
SYMPHONIC	180,171,000,179,177 see also FUNAI
TANDY	093,165,218 =RADIO SHACK=REALISTIC=ARCHER
TATUNG	049,055,044,148,217,051,072,038
TECHNAVOX	007,092
TECHNICS	051,055,251,019 see also PANASONIC

TECHWOOD	056,051,003,055,000,060
TEKNIKA	056,030,039,060,092,186,032,175,046,019 150,016,180,179,312,322
TELECOLOR	017
TELEFUNKEN	150,175,179,180,186,109,252
TELIVA	109
TERA	031
THOMAS	056,178,019,030,039,000,032 see also GOLDSTAR
THOMPSON	209,210,109
TMK	056,178,149,060,137
TOSHIBA	154,156,060,149,036,137,212,045,035
TOSONIC	185 see also MTC
TOTEVISION	039
TOYOMENKO	178
TRUE TONE	051,055 see also QUASAR
ULTRA	072,062
ULTREX	019
UNIVERSAL	021,027
USA=SHARP	179
VECTOR RESEARCH	030
VECTOR/VICTOR	053
VIDEO CONCEPT	098
VIDIKRON	242
VIDTECH	019,242,178
VIKING	046
WARDS	093,016,054,179,165,135,053,019,020,021,027 028,029,030,096,056,187,178,174
WELTON	019
WHITE WESTINGHOUSE	154, 179, 451, 463
XR1000=FUNAI	179,180
YAMAHA	019,030,056
YORK	045,178,030,054,019,095
ZENITH	016,017,092,000, [COMBO--000,037]
ZONDA	003

TV/VCR COMBINATION (3-digit codes)

****NOTE**** Most TV/VCR combinations get most of their functions from a VCR code. A few of them need a corresponding TV code just for the VOLUME functions.

These TV setup codes will be featured in parentheses ().

IF a VCR code does not have a corresponding TV code, then it will need advanced function codes to operate volume. ****NOTE****

AMERICAN HIGH	035(051)
BROKSONIC	002, 294, 209, 479(463)
COLT	072
CURTIS MATHES	035(051), 060(047), 081(054)
DAEWOO	278
EMERSON	002, 294, 209, 479(463)
FUNAI	000
GE	035(051), 060(047), 048(093),
HARLEY DAVIDSON	000
HITACHI	035(051), 000
HQ	000
LLOYDS	000
MAGNAVOX	000, 081(054), 035(051)
MAGNIN	240
MEMOREX	037, 162(250)
MGA	240
MITSUBISHI	048(093)
ORION	002, 294, 209, 479(463)
OPTIMUS	162(250), 048(093) 000
PANASONIC	035(051), 162(250)
PENNEY'S	035(051), 060(047), 037, 240, 162(250)
QUASAR	035(051), 162(250)
RCA	060(047), 048(093), 035(051)
SAMSUNG	240
SANSUI	000, 479(463), 209
SANYO	240
SEARS	000, 037, 240, 035(051), 060(047)
SHARP	048
SONY	032
SYMPHONIC	000
ZENITH	000, 037, 479(463)

VCR (3-digit codes)

ACTION	317 see also GOLDSTAR
ADMIRAL	039,048,018,047,060,062 see also FUNAI
ADVENTURA	000,046,037,240
AGHA	240
AIKO	278
AIWA	000,007,406,307,037,436
AKAI	041,067,053,242,106,049,315,156,281,061 see also HITACHI
AMERICAN HIGH	035

ANDERSON	211
ASTRA/ASTRO	035,240,000,037
AUDIO DYNAMICS	040,038 see also NEC
AUDIOVOX	037,039,000,278
AVIS	072,240,035,000
BEAUMARK	240 see also SAMSUNG
BELL & HOWELL	039,109,048,104,035,046
BROKSONIC	209,121,211,184,361,295,002 see also EMERSON
CALIN	037
CALIX	037
CANDLE	037,038
CANON	035,102,047,167
CAPEHART	020,026,062,052,000,056,002
CARRERA	240
CARVER	035,081
CITIZEN	035,278,026,037,000,060,240,072,036,230
CITIZEN TV/VCR	000
CLASSIC	037
COLORTYME	035,030,000,240,012,045,060,278
COLT	072,278,000
CRAIG	047,240,037,038,271,072
CRITERION	072
CROSLEY	081,000,035,110,149 see also MAGNAVOX
CROWN	278,072
CURTIS	240
CURTIS MATHES	035,240,060,041,162,000
CYBEREX	240
DAEWOO	278,135,020,017,087,045,046,400
DAYTRON	020,278
DENON	081
DIGITAL	042 see also HITACHI
DOLBY	040
DTS	see SAMSUNG
DUEL	041,067
DUMONT	072 see also EMERSON
DYNATECH	000,048,072,211
ELECTROHOME	043,036,037,240,,034,294,236,052,000 061 see also EMERSON
ELECTROPHONIC	037
ELECTROTONE	052
EMERSON TV/VCR	002,276,294,479
EMERSON	209, 088, 294, 278, 184, 121, 068, 061, 285, 208, 212, 000, 036, 037, 043, 002, 479, 088, 180

EMERSON [VCP]	295,361
ENEREX	032
EPIC	see GO VIDEO
FINLUX	034,032
FISHER	047,054,066,104,046,210
FUJI	033,035
FUNAI	000,072,278 see also EMERSON
GAB	072
GARRARD	000
GE	035,060,202,065,277,240,149
GO-VIDEO	232,279,350,297,526
GOLDSTAR	037,038,018,104,047,240,418,278
GOLDSTAR TV/VCR	240
GRANDA	048,011
GRANADA	042
GRUNDIG [USA]	332,342,007,006,195,347,349,003,081,226 420,010,016,034, 080,357
HARLEY DAVIDSON	000,211 see also EMERSON
HARMON KARDON	075,038
HARVARD	072,068 see also EMERSON
HEADQUARTER	046,047
HI Q	047,000
HITACHI	041,042,000,166,037,065,105,292,235,160
HITACHI TV/VCR	000,035,048
JCL	035
JENSEN	041,067
JVC	041,067,206,207,008,235,384
KENWOOD	046,041,067,038,384
KLH	072 see also EMERSON
KLIT	072
KODAK	035,037
KONIG	285
KTV	000
LLOYDS	000,040,072,038,240 see also FUNAI
LOGIK	072,012,000,011
LORWD	042
LXI	037,000,042 see also Sears
LUXOR	046,106
MAGIN TV/VCR	240,035
MAGNASONIC	035,240,020,037,278,072 see also DAEWOO
MAGNIN	240,[COMBO=037]
MAGNAVOX	000, 035, 081, 110, 000, 149, 103, 037, 039, 048, 226, 240

MAGNAVOX TV/VCR	035,000,081
MAJESTIC	016,015
M ELECTRONICS	240
MARANTZ	035,038,081
MARTA	037
MATRIX	037
MATSUSHITA	035,081
MATSASUTI	035
MEI	035
MEMOREX	035, 000, 072, 037, 047, 104, 299, 048, 046, 268, 062, 240, 278, 209
MGA	043,061,178
MGA TV/VCR	240
MGN	240
MIDLAND	051,047,048,097,049
MINOLTA	042,105
MITSUBISHI	043,242,061,214,067,173,075,443,041,042,196 [TV/VCR 067]
MOTOROLA	035,048
MTC	000,240,012,052,072 see also TOSONIZ
MTS	see SEARS
MULTITECH	000,072 see also EMERSON
NAD	058,240
NEC	041,067,050,038,040,082
NIKKO	037,278
OLYMPUS	035,226
OPTIMUS	000,037,048,047,240,046,162,454,104,062,072
OPTONICA	062,048
ORION	184,209,[479/463],294,121,352 see also EMERSON [COMBO 002,479]
PANASONIC	035,254,081,048,077,102,227,000,359,378
PANASONIC [TV/VCR]	035,081,162,454
PAXSONIX	240
PENNEYS	035,037,040,042,240,038,047,067,077,081,162
PENNEYS [TV/VCR]	162,454
PENTAX	047,065,105,042
PHILCO	000,035,081,110 see also MAGNAVOX
PHILIPS	035,081,062,110,146,080,045,000,048,209,403 see also MAGNAVOX
PILOT	037
PIONEER	058,067,081,042,168
PORTLAND	020
PRIMA	see CURTIS MATHES

PROFILE	240
PROSCAN	see RCA
PROTEC	072,000 see also SHINTOM
PROTON	062
PULSAR	039,037,240,278,051
PULSER	240 see also GOLDSTAR&DAEWOO
QUARTER	046
QUARTZ	046,155,000,047 see also GOLDSTAR
QUASAR	035,096,081,162,003,077,226,454
QUELLE	081
RANDEX	037
RANDIU	037
RCA	060,035,077,065,042,240,149,202,105,037,277 453,106
RCA [TV/VCR]	240,048
REALISTIC	055,047,037,000,240,104,046,048,035,062,066
RICOH	034,035,253,037
RK	248
ROTEC	395
RUNCO	039
SABA	041
SAMEX	see SAMSUNG
SAMSUNG	240,051,045,053
SAMTRON	240
SANKY	038,048,039,072,047
SANSUI	041,067,000,072,271,082,[COMBO=479] see also AOC
SANYO	046,067,268,104,047
SCOTT	209,212,210,121,211,184 see also EMERSON
SEARS	104,047,046,054,035,037,042,057,066,104,105
SHARP	048,062,000,104,032
SHINTOM	072,000
SHOGUN	240
SIGNATURE	035 also se WARDS
SINGER	035,072,240 see also SHINTOM
SONY	034,033,032,011,253,275,078,035
SOUNDESIGN	000
SR1000	240
SR2000/3000	105
SSS	180
STS	042
SYLVANIA	000,035,043,081,110
SYMPHONIC	000,081 see also FUNAI
TANDY	000,104

TATUNG	041,081
TEAC	000,041
TECHNICS	035 see also PANASONIC
TEKNIKA	037,052,035,000
TELECODER	240
TELEFUNKEN	201,041,187
TELESTAR	053
THOMAS [TV/VCR]	000,240
THOMAS	000,056,178,052,019
TISONIC	278
TMK	036,208
TOSHIBA	043,045,210,055,057,066,121,212,240,037,041
TOTEVISION	240,000,037=COMBO
TRIX	037
UNIC	000
UNITECH	240
VECTOR RESEARCH	038,040
VICTOR	067,008 see also JVC
VIDEO CONCEPTS	040,061,221
VIDEOSONIC	240
VIEWMARK	000,037
VIEWMAX	000,037
WARDS	035,072,042,212,147,149,048,000,062,240
WIZARD	see GO VIDEO
WHITE WESTINGHOUSE	000, 209,278
XR1000=FUNAI	072,000,280,135,240
ZENITH	039,033,034
ZENITH TV/VCR	000,037,479

Video Accessory (3-digit codes)

Archer	160
Channel Master	094
Everquest	412
GC Electronics	231
Instructional Video	110
Jebsee	160
Kodak	410
Luxman	106
MultiVision	088,089,205
Nikon	324
Ovation	365
Proxima	365
Pulsar	085
Rabbit	081

Radio Shack	160
Roctec	456
Runco	085
Sony	308
Sunpak	399
Superguide	169
Teknika	367
TeleCaption	171
Video Link	403
Zenith	085



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