

1 CONGRATULATIONS

This six mode remote control has been programmed to control up to six additional entertainment components by following these easy instructions.

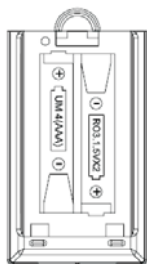
2 BEFORE YOU BEGIN

Please plug your entertainment power cord into a separate wall outlet.

3 INSTALL BATTERIES

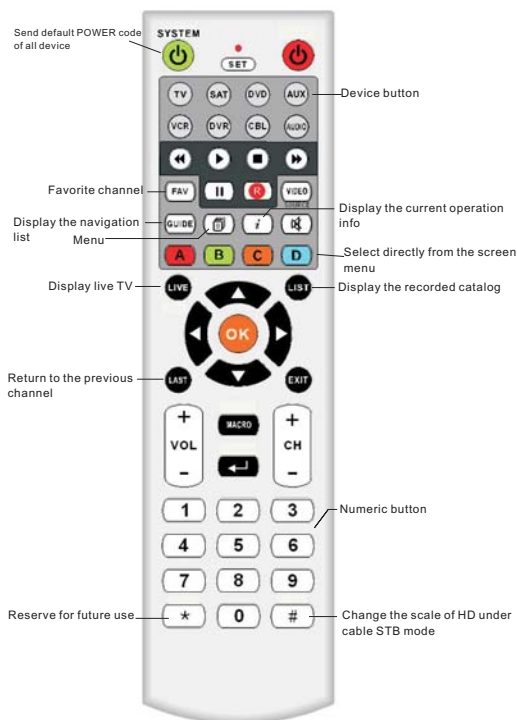
Two AAA alkaline batteries must be installed before you can program or operate the remote control.

1. Remove the battery compartment cover located on the back of the remote control.
2. Place the batteries in the compartment in positions matching the picture below.
3. Replace the battery compartment cover.



4 KNOW YOUR REMOTE

The diagram below provides a brief description of each key on your remote control. The function descriptions will allow you to become more familiar with your remote.



5 CODE SEARCHING

Will allow you to easily try all the available programming codes for the selected device and find the best match. If you prefer manual programming or already have the device codes you may also program the remote manually using the steps in section 6.

Manual code searching

- 1 Turn on the power for the device to be programmed.
- 2 Press the "SET" button for 3 seconds LED turns on
- 3 Press the device button that going to be set. LED flashes one time.
- 4 Point the remote to the device, press "Power" button. LED flash every time press the button. when the device is shut down, then press "OK" to save the code. LED turns off. Press other button is not valid. Press "SET" again mean quite without saving.

Auto code searching

- 1 Turn on the power for the device to be programmed.
- 2 Press the "SET" button for 3 seconds LED turns on
- 3 Press the device button (ie: TV, DVD and so on...), LED keeps shining after 1 time flash.
- 4 Press UP/DOWN to enter into auto search mode, the remote will send one code group every 2 seconds. Press "OK" to save Other buttons are not valid, press "SET" again to quite with LED 4 times' fast flashes.

Display the code

- 1 Press the "SET" for 3 seconds, LED keep shining.
- 2 Press the device button, LED flashes one time.
- 3 Press the "INFO" button, LED flashes one time.
- 4 After LED flashes 1 second, will display the code of the current device. Refer diagram below. For example: Fast flash one time then slow flash one time means the first byte of the code is 0, second byte is 1.

0-fast flashes 1 time
1-slow flashes 1 time
2-slow flashes 2 time
3-slow flashes 3 time
4-slow flashes 4 time
5-slow flashes 5 time
6-slow flashes 6 time
7-slow flashes 7 time
8-slow flashes 8 time
9-slow flashes 9 time

6 USING A PROGRAM CODE TO SETUP

- 1 Turn on the power of the device going to be set
- 2 Find the corelative code in the code list
- 3 Press the "SET" button for 3 seconds till the LED turns on.
- 4 Press the button of the device going to be set, LED flashes one time.
- 5 Input the 4 bite device code. The LED will flash every time you input. The LED will slowly flashes 4 times if the code input is valid, the LED will turn off after 4 times fast flash, if so, you should input code again.
- 6 Finally check if the remote can control the device. If can't, then return to code setting, change another code input of the device. If the remote still cannot control the device after inputting all the correlative codes of the device then try the code searching function, then maybe you can find the propriety codes.
- 7 Note the correct codes for the device in order to set fast next time.

7 LEARNING FUNCTION

- 1 Press the "SET" button for 3 seconds till the LED turned on
- 2 Press the device button that going to be set (like TV), LED flashes for 1 time.
- 3 Release all the buttons, LED keep shining.
- 4 Press "record" button, LED goes off, release all buttons, LED turns on.
- 5 Press the button that you want to learn, LED keep shining
- 6 Press the button to be learned
- 7 If learn succeed, the LED slowly flashes 4 times, if not, will flash 4 times fast.
- 8 Then LED keep shining, waiting for the next learning
- 9 Press "SET" button to quit the learning mode.
- 10 If the EEPROM space used up, the LED will flash 4 times fast then quit learning mode.

8 DELETE LEARNING BUTTON

- 1 Press the "SET" button for 3 seconds till the LED turned on
- 2 Press the device button, LED flashes for 1 time.
- 3 Press EXIT button, LED flashes 1 time.

- 4 Press the learn button, then the learned code will be delete. Press other key to delete the button you want. Press "SET" to quit delete mode.

9 Delete all the learned buttons for a device

- 1 Press the "SET" button for 3 seconds till the LED turned on
- 2 Press "EXIT", LED flash 1 time
- 3 Press the device button that you want to delete. then all the learned button for this device will be delete. LED slowly flashes 4 time. Then return to work status.

10 MARCO FUNCTION

- 1 Press "SET" for 3 seconds, LED shining
- 2 Then press MARCO, LED keep shining after 1 time flash
- 3 Press the device button want to set, then press the other function keys.
- 4 LED will fast flashes 4 times to wait the correct input if there is no device button pressed, one MARCO button can edit 16 keys at most.
- 5 Press "MACRO" button to confirm the saving, press "SET" to quit without saving LED goes off.

11 DELETE MACRO

- 1 Press "SET" for 3 seconds, LED shining
- 2 Then press MARCO, LED keep shining after 1 time flash
- 3 Press device button 2 times to delete MARCO.
- 4 Return to normal mode after 4 times' slowly flashes

12 Automatic switch buttons

- 1 If the device do not have volume control function (the device do not have code of VOL+/-, MUTE) under mode of VCR, SAT, DVD, AUDIO, AUX, CBL, then PUNCH-Through function will be active automatic which mean to control the volume through TV.
- 2 If the device do not have functions of REW, FWD, PLAY, STOP, PAUSE REC under mode of TV, CBL, SAT, then PUNCH-Through function will be active automatic which mean to control the volume through DVD.

13 FAVORITE CHANNEL

This function will only take effect in TV, SAT and CABLE mode.

- 1 Press the "SET" button for 3 seconds till the LED turned on
- 2 Then press "FAV" key, LED keeps shining after 1 flash
- 3 Press all the channel you want to collect, then press other functional keys, LED will flash each time pressed.
- 4 One FAV key can collect 10 buttons
- 5 Press FAV to save the setting, press "SET" to quit.

14 RUN FAV

- 1 Press "FAV" key, remote control will send code of collected favorite channel.
- 2 Favorite channels will be sent orderly (one by one) because the user may set several favorite channels.

15 DELETE FAV

- 1 Press "SET" key for 3 seconds, LED shining.
- 2 Then press "FAV", LED keep shining after 1 time flash
- 3 Press the device button two times will delete all favorite channels

16 RESUME TO FACTORY SETTING

- 1 Press "SET" key for 3 seconds, LED shining.
- 2 Press the device you want to set, LED flashes 1 time
- 3 Input 9-9-9-7, every device indicator light will flash one time in the order.

17 MANUFACTURER CODES

TV Code List

A MARK	0112 0143
ABEX	0025
ACCURIAN	0036
ADMIRAL	0072 0251 0333
ADVENT	0247 0388
ADVENTURA	0002
AIKO	0103
AKAI	0116 0146 0248 0404 0405 0473 0475 0323 0387 0391 0021 0062 0063 0064 0066 0067 0068 0069 0070 0071 0077
ALBATRON	0017
ALERON	0028
AMERICA ACTION	0043
AMPRO	0073
AMSTRAD	0052
ANAM	0043 0054 0056 0080 0112
AOC	0116 0363 0112 0058
APEX DIGITAL	0006
ASTAR	0477
AUDIOVOX	0076 0454 0388
AVENTURA	0052
AVION	0441
AXION	0039
BELCOR	0116
BELL&HOWELL	0333 0072
BENQ	0423
BOXLIGHT	0266
BRADFORD	0043
BROCKWOOD	0116
BROKSONIC	0238
BYDESIGN	0031 0032
CANDLE	0116 0002 0003 0363
CAPEHART	0058
CARY AUDIO DESIGN	0443 0266
CELEBRITY	0001
CENTURION	0116
CETRONIC	0043
CHANGHONG	0247
CITIZEN	0116 0002 0003 0363 0043 0258 0103 0143
CLARION	0043
CLASSIC	0043
CLP CLASSIC	0333
COLORTYME	0116
CONCERTO	0363
CONCIERGE	0073
CONTEC	0043 0050 0051
CORNEA	0116
CORONADO	0143
CRAIG	0043 0054
CROSLEY	0164
CROWN	0043 0143
CURTIS MATHES	0116 0258 0363 0143
CXC	0043
CYBERHOME	0015
DAEWOO	0363 0016 0043 0044 0076 0103 0114 0125 0127 0143
DAYTRON	0363 0143
DELL	0320 0164 0363
DIMENSIA	0333
DREAMVISION	0235
DUKANE	0011 0025
DUMONT	0116 0073
DURABRAND	0096 0052
DWIN	0257
DYNASTY	0043
DYNEX	0400
EIKI	0187
ELECTROBAND	0001
ELECTROGRAPH	0466
ELECTROHOME	0143 0024 0076 0196
ELEKTRA	0072
ELEMENT	0363 0494 0526
EMERSON	0028 0048 0043 0155 0005 0116 0363 0047 0050 0051 0076 0096 0143 0153 0154 0052 0514
ENVISION	0116
EPSON	0324
ESA	0323
FISHER	0007 0057
FUJITSU	0246 0198 0410
FUNAI	0028 0043 0052
FUTURETECH	0043
GATEWAY	0242 0268
GE	0073 0116 0008 0009 0034 0056 0074 0155 0333 0363
GEM	0391
GIBRALTER	0116 0073
GO VIDEO	0026
GOLDSTAR	0113 0116 0102 0363 0106 0112 0127 0143
GRUNPY	0028 0043
HAIER	0363 0501
HALL MARK	0363
HANNSPREE	0349 0381
HARLEY DAVIDSON	0028
HARVARD	0043
HAVERMY	0081
HELLO KITTY	0076
HIMITSU	0043
HISENSE	0419 0442
HITACHI	0011 0166 0009 0010 0012 0023 0075 0143 0158 0072 0363 0250 0378 0316 0327 0421
HP	0518
HUMAX	0337 0338
HYUNDAI	0472
ILO	0164
INFINITY	0333 0230 0547 0548
INFOCUS	0035 0282
INITIAL	0350 0400 0052 0164 0403 0454
INSIGNIA	0457
INTEQ	0073
JANEIL	0002
JBL	0164
JCB	0001
JCPENNEY	0024 0116 0008 0009 0030 0065 0258 0143 0333 0363
JENSEN	0013

JVC	0038 0034 0001 0083 0199 0210
KAWASHO	0116 0001
KEC	0043
KENWOOD	0116 0001
KLEGG	0466
KLOSS	0002 0059
KMC	0143
KNOLL SYSTEMS	0230
KONKA	0457
KREISEN	0530
KTV	0043 0116 0143 0154
KURAZAI	0072
LG	0363 0113 0116 0102 0106 0112 0127 0143
LITEON	0268
LODGENET	0072
LOEWE	0164
LOGIK	0072
LUXMAN	0363
LXI	0166 0007 0138 0052 0251 0333 0164
MAGNAVOX	0164 0059 0116 0003 0060 0061 0363 0127 0022 0333 0094 0226 0390 0467
MAJESTIC	0333 0072
MARANTZ	0116 0164 0281
MATSUI	0164
MATSUSHITA	0080
MAXENT	0242
MEGATRON	0116 0011
MEMOREX	0007 0072 0363
MGA	0116 0363 0024 0028 0042
MIDLAND	0333 0073
MINTEK	0362
MINUTZ	0008
MISAKAI	0052
MITSUBISHI	0124 0109 0024 0028 0040 0042 0146 0191 0363 0348
MONIVISION	0017
MONTGOMERY WARD	0333 0072
MOTOROLA	0081
MTC	0116 0363 0258
MULTITECH	0043
NAD	0138 0025
NEC	0272 0197 0134 0116 0040 0016 0024 0056 0019 0262 0236 0281
NET TV	0242
NIKEI	0043
NIKKO	0116
NIKO	0527
NORCENT	0390
NORWOOD MICRO	0027
NTC	0103
NUVISION	0351
OLEVIA	0432 0363 0333
ONKING	0043
ONWA	0043
OPTMUS	0025
OPTOMA	0265 0249
OPTONICA	0019 0251
ORION	0096
PANASONIC	0080 0034 0056 0164 0208 0359
PHILCO	0116 0003 0059 0060 0164 0363 0024 0056
PHILIPS	0164 0005 0093 0038 0116 0003 0363 0059 0127 0206 0431 0333 0116
PILOT	0234 0135 0025 0018 0023 0116
PIONEER	0393 0272
POLAROID	0388 0323 0328 0353 0354 0355 0356 0494 0387 0391 0505 0506 0508
PORTLAND	0363 0143
PRINCETON	0004
PRISM	0034
PROSCAN	0333
PROTON	0363 0112 0058 0143 0171 0172
PROTRON	0392 0398 0498 0499 0500
PROVIEW	0494
PULSAR	0116 0073
QUASAR	0034 0056
RADIO SHACK	0019 0363 0143 0043 0127
RCA	0333 0065 0116 0363 0024 0056 0152 0023 0074
REALISTIC	0007 0019 0043 0047
REVOLUTION HD	0466
RUNCO	0182 0073 0395 0416 0072 0342
SAMPO	0116 0058 0363 0242
SAMSUNG	0258 0050 0089 0105 0363 0127 0143 0333 0228 0229
SAMSUX	0116
SANSEI	0076
SANSUI	0096 0400
SANYO	0166 0007 0020 0053 0057 0082 0187 0511 0266
SCEPTRE	0276
SCOTCH	0116
SCOTT	0028 0043 0048 0143 0363 0497
SEARS	0030 0363 0007 0028 0057 0143 0094 0333 0082 0166 0138
SELECO	0205 0011
SHARP	0251 0019 0014 0028 0029 0363 0022 0143 0175 0308
SHENG CHIA	0081
SHERWOOD	0349
SHOGUN	0116
SIGNATURE	0072
SIMPSON	0003
SONY	0001
SOUNDESIGN	0028 0363 0003 0043
SOVA	0041
SOYO	0528 0033
SPECTRICON	0112
SPECTRONIQ	0499 0500
SQUAREVIEW	0052
SSS	0363 0043
STARLITE	0043
SUPERSCAN	0052 0081
SUPRA	0116
SUPRE MACY	0002
SUPREME	0001
SVA	0328

SYLVANIA	0116 0003 0052 0059 0060 0164 0044 0333 0127 0514
SYMPHONIC	0052
SYNTAX OLEVIA	0432 0363 0333
TANDY	0251
TATUNG	0056
TECHNICS	0034 0080
TECHNOLACE	0028
TECHVIEW	0045
TECHWOOD	0363
TEKNIKA	0002 0003 0363 0024 0028 0043 0072 0258 0143
TELEFUNKEN	0037 0046
TELERENT	0072
TERA	0172
THOMSON	0049 0055
TMK	0363
TNCI	0073
TOSHIBA	0138 0030 0007 0040 0258 0325 0230
TOTEVISION	0143
TRUTECH	0529
TVS	0096
UNIVERSAL	0008 0009
VICTOR	0038
VIDEO CONCEPTS	0146
VIDIKRON	0174 0164 0188 0192 0342
VIDTECH	0363
VIEWSONIC	0242 0389
VIKING	0002
VIORE	0472
VISCO	0526
VITO	0363
VIZIO	0386 0387
WARDS	0363 0008 0009 0019 0028 0060 0061 0072 0074 0143 0164 0034 0015
WAYCON	0076 0276 0435 0001
WESTINGHOUSE	0339
WINBOOK	0116 0363 0370
YAMAHA	0363
YORK	0043
YUPITERU	0043
ZENITH	0363 0073 0072 0095 0103
ZONDA	0112
CW600	0078
CW800	0079
AISIDA	0084 0085

TV-LCD Code List

ACCURIAN	0036
ADVENT	0247 0388
AKAI	0404 0405 0473 0475 0323 0387 0391
AOC	0116 0363
APEX DIGITAL	0006
ASTAR	0477
AUDIOVOX	0454 0388 0076
AVION	0441
AXION	0039
CHANGHONG	0247
CYBERHOME	0015
DAEWOO	0076 0363
DELL	0320 0164 0363
DURABRAND	0052
DWIN	0257
DYNEX	0400
ELECTROGRAPH	0466
ELEMENT	0363 0494 0526
EMERSON	0514 0363 0076 0052
ESA	0323
FUJITSU	0246 0198
FUNAI	0052
GATEWAY	0242 0268
GO VIDEO	0026
HAIER	0363 0501
HANNSPREE	0349 0381
HISENSE	0419 0442
HITACHI	0011 0363
HP	0378 0316 0327 0421
HUMAX	0518
HYUNDAI	0337 0338
ILO	0472
INFOCUS	0547
INITIAL	0035 0282
INSIGNIA	0350 0400 0052 0164 0403 0454 0457
JVC	0038 0210
KLEGG	0466
KONKA	0457
KREISEN	0530
LG	0363
LITEON	0268
LOEWE	0164
MAGNAVOX	0164 0363 0226 0390 0467
MARANTZ	0116 0164 0281
MAXENT	0242
MINTEK	0362
MITSUBISHI	0124 0363
NEC	0272 0262
NIKO	0527
NORCENT	0390
NORWOOD MICRO	0027
NUVISION	0351
OLEVIA	0432 0363 0333
PANASONIC	0080 0164 0208
PHILIPS	0164 0363 0431 0161
PIONEER	0234 0135 0393 0272
POLAROID	0388 0323 0328 0353 0356 0494 0387 0391 0505 0506
PRINCETON	0004
PROTRON	0392 0398 0498 0499 0500
PROVIEW	0494
RCA	0333 0363
REVOLUTION HD	0466
RUNCO	0395 0416
SAMPO	0363 0242
SAMSUNG	0258 0228 0229
SANSUI	0096 0400
SANYO	0166 0077
SCEPTRE	0276
SHARP	0251 0363
SHERWOOD	0349

SONY	0001
SOVA	0041
SOYO	0528 0033
SPECTRONIQ	0499 0500
SVA	0328
SYLVANIA	0052 0164 0333 0514
SYMPHONIC	0052
SYNTAX OLEVIA	0432 0363 0333
TATUNG	0056
TECHVIEW	0045
TOSHIBA	0138 0258 0325
TRUTECH	0529
VIEWSONIC	0242 0389
VIORE	0472
VISCO	0526
VITO	0363
VIZIO	0386 0387
WESTINGHOUSE	0076 0276 0435 0001
WINBOOK	0339
YAMAHA	0116 0363
ZENITH	0363 0073 0072

TV-Projection Tvs Code List

AKAI	0404 0405 0473 0475
DAEWOO	0076
EPSON	0324
HITACHI	0011
HP	0378
INFOCUS	0333 0548
JVC	0038
LG	0363
LOEWE	0164
MAGNAVOX	0164 0333
MITSUBISHI	0109
OPTOMA	0265
PANASONIC	0080
PHILIPS	0164 0431
RCA	0333
SAMSUNG	0258
SANYO	0166 0007 0187
SHARP	0251
SONY	0001
TOSHIBA	0138
ZENITH	0363 0073 0072

TV-Projectors Code List

BENQ	0423
BOXLIGHT	0266
DREAMVISION	0235
FUJITSU	0410
HITACHI	0250
INFOCUS	0230
JVC	0199
KNOLL SYSTEMS	0230
MARANTZ	0281
MITSUBISHI	0348
NEC	0236 0281
OPTOMA	0249
PANASONIC	0359
RUNCO	0342 0182
SANYO	0511 0266
SELECO	0205
SHARP	0308
SIM2	0205
TOSHIBA	0230
VIDIKRON	0342 0174 0188 0192
YAMAHA	0370

VCR Code List

ADMIRAL	3025 3053
ADVENTURA	3034
AIKO	3117
AIWA	3034 3161
AKAI	3016 3146 3043 3124 3125
AMERICA ACTION	3117
AMERICAN HIGH	3145
AMPRO	3072
ANAM	3145
ASHA	3102
AUDIO DYNAMICS	3012 3039 3043
AUDIOVOX	3101
BEAUMARK	3102
BROKSONIC	3035 3037 3129
CALIX	3101
CAPEHART	3108
CCE	3024 3117
CITIZEN	3101 3117
COLT	3024
CRAIG	3003 3022 3102
CURTIS MATHES	3145
CYBERNEX	3102
DAEWOO	3111 3116 3117 3005 3010 3108
	3110 3120
DAYTRON	3108
DBX	3012 3039 3043
DYNATECH	3034 3053
ELECTROHOME	3059
ELECTROPHONIC	3101
EMERSON	3006 3029 3035 3017 3025 3034
	3036 3037 3101 3129 3131 3153
	3162 3116 3145
FISHER	3003 3010 3008 3009
FUJI	3145
FUNAI	3034
GARRARD	3034
GE	3072 3144 3147 3145
GO VIDEO	3132 3136 3155 3115 3102
GOLDSTAR	3101 3114 3013 3012 3123
GRADIENTE	3034
HARLEY DAVIDSON	3034
HARMAN KARDON	3012
HARWOOD	3024
HITACHI	3026 3150 3034 3043 3160 3013
HQ	3034
INSTANTREPLAY	3145
JCL	3145
JCPENNEY	3012 3013 3015 3101 3102
JENSEN	3043
JVC	3048 3043 3130 3150 3012 3145
KEC	3101
KENWOOD	3048 3034

KLH	3024
KODAK	3101 3145
LG	3101 3114 3013 3012 3123
LLOYD	3034
LOGIK	3024
LXI	3034 3003 3009 3017
MAGIN	3102
MAGNAVOX	3067 3034 3164 3145
MARANTZ	3067 3012 3145
MARTA	3101
MATSUSHITA	3145
MEI	3145
MEMOREX	3101 3003 3010 3034 3053 3072
	3102 3139 3145
MGA	3059
MGN TECHNOLOGY	3102
MINOLTA	3013
MITSUBISHI	3059 3061 3151 3013 3051
MOTOROLA	3053 3145
MTC	3034 3102
MULTITECH	3024 3034
NEC	3012 3039 3043 3048
NIKKO	3101
NOBLEX	3102
NORDMENDE	3043
OLYMPUS	3145
OPTIMUS	3101
OPTONICA	3053
ORION	3025
PANASONIC	3070 3145 3163 3167
PENTAX	3013 3145
PHILCO	3034 3067 3145
PHILIPS	3067 3034 3101 3071 3145
PILOT	3101
PIONEER	3021 3013 3048
PORTLAND	3108
PROFITRONIC	3102
PROTEC	3024
PULSAR	3072
QUARTZ	3002
QUASAR	3145
RADIO SHACK	3123
RADIX	3101
RANDEX	3101
RCA	3144 3147 3145 3013 3034 3102
REALISTIC	3003 3008 3010 3034 3053 3101
	3145 3102
RICO	3058
RUNCO	3148
SAMSUNG	3102 3113 3115 3120 3144 3147
	3125
SANKY	3053
SANSUI	3022 3043 3048
SANYO	3003 3010 3102
SCOTT	3017 3037 3120 3129 3131
SEARS	3003 3008 3010 3013 3101 3009
	3017 3073 3112
	3053 3165 3145
SHARP	3024
SHINTOM	3102
SHOGUN	3102
SIGNATURE	3034
SINGER	3024
SONY	3001 3057 3058 3003 3053 3154
	3145
SOUNDESIGN	3034
STS	3013
SYLVANIA	3034 3059 3067 3145
SYMPHONIC	3034
TANDY	3010 3034
TATUNG	3039 3043
TEAC	3034 3039 3043
TECHNICS	3070 3145
TEKNIKA	3019 3034 3101 3145
THOMAS	3034
TMK	3006
TOSHIBA	3131 3008 3059 3013 3120
TOTEVISION	3101 3102
UNITECH	3102
VECTOR RESEARCH	3012
VICTOR	3048
VIDEO CONCEPTS	3012 034
VIDEOSONIC	3102
VILLAIN	3034
WARDS	3003 3013 3017 3024 3034 3053
	3131 3145 3102
WESTINGHOUSE	3024 3025
XR-1000	3024 3034 3145
YAMAHA	3012 3034 3039 3043
ZENITH	3072 3080 3056 3048 3101 3034 3058

DVD Code List

ACCURIAN	4003 4268
ADCOM	4157
ADVENT	4005
AIWA	4146
AKAI	4281
ALLEGRO	4091

ALPINE	4098
AMW	4006 4007
URBAN CONCEPTS	4035
US LOGIC	4111 4282
VENTURER	4149
VINC	4161 4308
X-BOX	4027 4206
YAMAHA	4089 4066 4197 4138
ZENITH	4057 4074 4091

DVD-Blu-ray&HD DVD Code List

LG	4091
PANASONIC	4285
PIONEER	4304
SAMSUNG	4275
SONY	4286
TOSHIBA	4273

DVD-DVD Recorders Code List

GO VIDEO	4220 4221 4222
CYBERHOME	4271
ILO	4268
KISS	4279
LITEON	4265 4268
PANASONIC	4138
SAMSUNG	4301
SENSORY SCIENCE	4222
SONY	4191
TOSHIBA	4188 4273

DVD-TV/DVD Combos Code List

AIWA	4146
AKAI	4281
AUDIOVOX	4284
DURABRAND	4143
ESA	4143
FUNAI	4143
INSIGNIA	4292 4297 4143
MAGNAVOX	4282
MINTEK	4282
POLAROID	4284 4295 4297
SAMSUNG	4165
SV2000	4143
SYLVANIA	4143
SYMPHONIC	4143
TOSHIBA	4130
TRUTECH	4293

DVD-TV/DVD/VCR Combos Code List

DURABRAND	4143
EMERSON	4143
ESA	4143
INSIGNIA	4143
MAGNAVOX	4143
PANASONIC	4144
SUPERSCAN	4143
SV2000	4143
SYLVANIA	4143
SYMPHONIC	4143
TOSHIBA	4164

DVD-DVD/VCR Combos Code List

GO VIDEO	4137
PANASONIC	4150
PHILIPS	4066(VCR Function for VCR 4067)
SAMSUNG	4137 4159
SANSUI	4154
SONY	4145
TOSHIBA	4141
ZENITH	4091(VCR Function for VCR 4101)

AUDIO Code List

ADCOM	6082 6092 6225 6161 6269 6356
AIWA	6170 6018 6104 6202 6203 6213
	6211 6188 6699
AKAI	6189
ANTHEM	6335 6337
ARAGON	6687
ARCAM	6141 6077
ATLANTIC TECHNOLOGY	6342
AUDIO FILE	6071
B & K	6096 6097
BOSE	6070 6170 6224 6347 6409 6460
	6532
BOSTON ACOUSTICS	6447
CAMBRIGE AUDIO	6684
CARVER	6006 6028 6061 6071 6201 6214
	6226 6185 6013 6077 6284
CARY AUDIO DESIGN	6378
CITATION	6148
CLARION	6026
DELPHI	6515 6556
DENON	6109 6215 6230 6234 6330 6340
	6679 6564
ELAN	6057 6290
ENLIGHTENED AUDIO	6099 6098
ESCIENT	6451
FISHER	6214 6182
FLEXTRONICS	6378
FOSGATE AUDIONICS	6148 6342
GOLDSTAR	6008
HARMAN KARDON	6148 6233 6077 6028 6118 6318
HITACHI	6020
INSIGNIA	6589
INTEGRA	6275 6017 6046 6108 6080 6209
JAMO	6398
JCPENNEY	6216
JVC	6163 6191 6114 6279 6291
KEF	6530
KENWOOD	6026 6066 6145 6192 6182 6005
	6280 6374
KLEGG	6686
KLH	6331
KLIPSCH	6687
KOSS	6216 6573
KRELL	6072 6384 6672
LEXICON	6120 6235 6236 6237 6357 6360
LINN	6124 6377
LUXMAN	6009 6139 6052 6165 6115 6004
MAGNAVOX	6086 6164 6152 6077

NIRO	6343
ONKYO	6275 6017 6046 6108 6080 6209
	6552
OPTIMUS	6026 6041
OUTLAW	6342
PANASONIC	6032 6195 6219 6177 6292 6626
	6516
PARASOUND	6129 6130 6132 6261 6294 6295
	6333 6334
PHILIPS	6249 6250 6063 6690
PIONEER	6014 6039 6044 6069 6168 6116
	6035 6063 6198 6480 6556 6513
POLKAUDIO	6556 6685
PROCEED	6144 6268
RCA	6010 6048 6117 6156 6067 6288
REALISTIC	6019 6073 6075 6095
ROTEL	6074 6083 6085 6654
RUSSOUND	6445
SAMSUNG	6016 6653 6571
SANSUI	6040 6048 6110 6063 6065 6228
SANYO	6214
SCOTT	6019
SHARP	6026 6094 6175 6652
SHERWOOD	6024 6102 6106 6447 6370
SIRIUS	6555 6585 6767 6588
SONY	6001 6018 6247 6248 6166 6101
	6184 6218 6271 6380
SOUNDESIGN	6036
SUNFIRE	6344 6345 6182
TEAC	6005 6019 6049 6040 6212 6217
TECHNICS	6122 6176 6193 6219 6178 6177
	6200 6257 6262
THETA DIGITAL	6136
TOSHIBA	6060 6087 6198 6278 6510
XM SATELLITE RADIO	6515 6556
YAMAHA	6026 6253 6169 6067 6173 6205
	6264 6232 6089 6264 6274
	6143 6210

DVR(TIVO)Combos Code List

HUGHES	7817
HUMAX	7817
PHILIPS	7790 7817
RCA	7809
REPLAY NETWORKS	7775
SONY	7804 7805
TIVO	7790 7817
TOSHIBA	7817

AUX Combos Code List

AUX-Home Theater Systems	
AIWA	5699
BOSE	5347 5409 5460
DENON	5564
INSIGNIA	5589
JAMO	5398
KEF	5530
KOSS	5573
NAD	5598
NIRO	5343
ONKYO	5552
PANASONIC	5516
PHILIPS	5690
PIONEER	5573
POLKAUDIO	5685
ROTEL	5654
SAMSUNG	5571
SHARP	5652
TOSHIBA	5510

AUX-Home Theater Systems	
ANTEX ELECTRONICS	5588
BOSE	5532 5170
DELPHI	5515
NEXUS AUDIO	5751
PIONEER	5556
RUSSOUND	5445
SIRIUS	5555 5585 5767
SONY	5380
XM SATELLITE RADIO	5515 5556

AUX-iPod Controls	
APPLE/iPod	5824 5828
BOSE	5827
DLO	5418
GRIFFIN	5835
KENSINGTON	5825
MARANTZ	5834
ONKYO	5833
SONANCE	5831

AUX-Media Pcs	
ACER	5820
APPLE TV	5836
DELL	5820
DLINK	5832 5838
GATEWAY	5820
HAUPPAUGE	5821 5822
HP	5820
KEYSPAN	5823
NETGEAR	5837
SONY	5820
TOSHIBA	5820
WINBOOK	5820

AUX-Gaming Systems	
MICROSOFT/XBOX	5851
MICROSOFT/XBOX	5360 5826
SONY/PS2	5829

AUX-Lighting Controls	
COLORADIO VNET	5849
LEVITON	5850
LIGHTOLIER CONTROLS	5848
LITE TOUCH	5843 5844
LUTRON	5839 5841
RAKO	5846 5847
X-10	5840 5842 5845

SAT Combos Code List

BELL EXPRESSVU	1168 1187 1194
CHANNEL MASTER	1117 1118 1119
CHAPPARAL	1100 1101
CHEYENNE	1101
DRAKE	1102 1114 1127

DISH NETWORK	1128 1129 1130 1168 1187 1188
	1194 1195
DX ANTENNA	1108 1122
ECHOSPHERE	1168
ECHOSTAR	1128 1129 1130 1168 1187 1194
FUJITSU	1131 1132
GE	1176 1162
GEMINI	1135
GENERAL INSTRUMENTS	1104 1105 1106 1133
	1180 1182 1183 1184 1185
	1172 1181
DSS HITACHI	1169 1170 1172 1173 1178
DSSHUGHES SATELLITE	1137
JERROLD	1188
JVC	1138
KENWOOD	1139
LUXOR	1116 1152 1179
DSS MAGNAVOX	1140
MACOMSTATE	1141
NORSTAT	1154 1155 1186
PACE	1126 1166
DSSPANASONIC	1167 1180
PRIMESTAR	1116 1152 1179
PHILIPS	1116 1152 1179
PHILIPS/MAGNAVOX	1124
PIONEER	1162 1176
PROSCAN	1176 1189 1192 1193 1198
DSS RCA	1107 1143
REALISTIC	1134 1153
SAMSUNG	1144
SHARP	1101
SIERRA1,2,3	1125 1163
DSS SONY	1167 1180 1185
STARCHOICE	1173
STARSIGHT	1148
STARTRAK	1108 1110 1111
STS	1149
SUPERGUIDE	1154
THOMSON	1112
TOSHIBA	1164 1165 1171
TOSHIBA DSS	1113 1151
UNIDEN	1173
DSS UNIDEN	1114
VIDEO CIPHER2	1102 1103 1114 1127 1135 1155
ZENITH	1174 1175 1186

COOLSAT	1109
VIEWSAT	1120
OTHERS	1271 1272 1273 1274 1275 1276
	1277 1278 1279 1280 1281 1282
	1283 1284 1285 1286 1287 1288
	1289 1290 1291 1292 1293 1294
	1295 1296 1297 1298 1299 1300
	1301 1302 1303 1304 1305 1306
	1307 1308 1309 1310 1311 1312
	1313 1314 1315 1316 1317 1318
	1319 1320 1321 1322 1323 1324
	1325 1326 1327 1328 1329

ARIZA 700	1136
ARIZA XTREME	1142
BUZZ	1145
CAPTAIN 7000-8000HD	1146
CW-100R	1147
CW-600s premium	1150
CW-600s regular	1157
CW-800s	1158
CONAXSAT TRIO-DUO	1159
COOLSAT 4000-5000-6000	1160
COOLSAT 7000	1161
COOLSAT 8000HD	1191
COOLTEC	1196
DIGWAVE DG_7200	1197
DIGIWAVE DIAMOND	1199
DIRECTV_HR-250	1200
DIRECTV_R10	1201
EBOX	1202
FORTEC STAR 5100	1203
FORTEC STAR 5600 II	1204
FORTEC STAR 5600 ULTRA	1205
FORTEC STAR CLASSIC NA-5000 V2-PLATINUM	1206
FORTEC STAR FS-5900	1207
FORTEC STAR LIFETIME ULTRA	1208
FORTEC STAR MERCURY II	1209
MEGASAT	1210
NEOSAT 1600	1211
NEOSAT IPRO 1000	1212
NEUSAT 9000HD	1213
NEUSAT SP-6000 PREMIUM	1214
NFUSION NOVA	1215
ORASAT 5010	1216
ORASAT V5.0	1217
PANSAT 1500-2500-5000	1218
PANSAT 2300	1219
PANSAT 2700-2800-3500-6000	1220
PANTEC 2500	1221
SKYVIEW 500	1222
SKYVIEW 600	1223
SONCIVIEW-1000-4000	1224
SONCIVIEW-8000	1225
SonicView-1000PVR	1226
SonicView-4000	1227
SonicView-8000HD	1228
SPACESTAR 500	1229
TESSAT	1230
VIEWSAT pro	1231
VIEWSAT pvr	1232
VIEWSAT xtreme-platinum-ultra	1233
XTREME VIEW MAGNUM 330	1234
ECHOSTAR-301	1235
ECHOSTAR-311	1236
ECHOSTAR-322	1237
ECHOSTAR-351	1238
ECHOSTAR-381	1239
ECHOSTAR-411	1240
ECHOSTAR-501	1241
ECHOSTAR-625	1242
ECHOSTAR-811	1243
ECHOSTAR-942	1244
ECHOSTAR-5022	1245
ECHOSTAR-DVR-510	1246
HUGHES	1169 1170 1172 1178
PANASONIC	1126

PHILIPS	1156
RCA	1190 1198
BELL EXPRESSVU	1195
DISH NETWORK	1195
SAMSUNG	1134 1153
SHARP	1144
SONY	1163
ZENITH	1135 1174
ECHOSTAR	1195
RCA	1176

CBL Combos Code List

ABC	2011 2014 2016 2017 2018 2019
ADELPHIA	2114
ALLEGRO	2095 2096
AMERICAST	2098
ANTRONIX	2021 2022
ARCHER	2021 2022 2023 2024
AT&T	2082
CABLETENNA	2021
CABLEVIEW	2021
CENTURY	2024
CITIZEN	2024
COLOUR VOICE	2025 2026
COMTRONICS	2027 2028
CONTEC/CONY	2029
EASTERN	2031
GARRARD	2024
GCELECTRONICS	2022
GEMINI	2032 2033 2110
GEMINI	2112
GENERAL INSTRUMENT	2016 2080 2082 2083 2084
	2088 2099 2101 2102 2005
	2103 2104

HAMLIN	2035 2036 2037 2049 2050 2055
HITACHI	2016 2103 2055
HYTEK	2014
JASCO	2024
JERROLD	2011 2016 2017 2018 2032 2038
MAGNAVOX	2043 2010 2012
MEMOREX	2048 2052
MOTOROLA	2011 2016 2017 2018 2031 2038
	2080 2081 2082 2083 2084 2088
	2097 2099 2101 2102 2002 2148
	2149 2150

MOVIE TIME	2014 2053
NSC	2014 2053
OAK	2014 2029 2058
PACE MICRO	2001 2005
PANASONIC	2007 2079 2044 2047
PARAGON	2048
PHILIPS	2024 2025 2026 2033 2048 2059
	2061 2062 2006 2012 2013 2020
	2085

PHILIPS/MAGNAVOX	2077 2107
PIONEER	2064 2065 2068 2001 2103 2034
	2051 2063 2076 2105

PULSAR	2048 2052
RADIOSHACK	2077 2096 2107
RCA	2007 2078 2047
REALISTIC	2022
REAGAL	2037
REGAL	2049 2050
REGENCY	2031 2057
REMBRANDT	2016
RUNCO	2048
SAMSUNG	2027 2065 2001 2030
SCIENTIFIC ATLANTA	2019 2066 2067 2068 2109
	2114 2115 2001 2003 2041
	2042 2045 2046

SIGNAL	2027 2032
SIGNATURE	2016
SLMARX	2027
SONY	2108
SPRUCER	2007 2047
STANDARD COMPONENTS	2070
STARCOM	2011 2032
STARGATE	2027 2032
STARSIGHT	2090

STAR SIGHT CABLE SERVICE	2078
STARQUEST	2032
STARTTRAK	2086
TANDY	2071
TELEVIEW	2027
TEXSCAN	2070
TOCOM	2017 2072 2083 2039 2040 2056
TOSHIBA	2048 2052
TUSA	2032
TV86	2053
UNIKA	2021 2022 2024
UNITED ARTISTS	2014
UNITED CABLE	2011
UNIVERSAL	2021 2022 2023 2024 2073
VIDEOWAY	2075
VIEWSTAR	2028 2043 2053 2071 2012 2015
VIDEOTECH	2113

ZENITH	2048 2054 2074 2087 2089 2090
	2091 2092 2094 2095 2096 2098
	2106 2052 2060 2093 2100