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## 1 Getting Started






### Powering your remote control

Note: Make sure all home theater equipment is ON before starting remote control setup.

- Remove battery cover;
- Insert 2 AA type batteries (the + and – configuration in the battery compartment);
- Put battery cover back;







## 2 Functional Requirements

### 2.1 ID code setup

- Press and hold the selected mode key (STB , TV , DVD , or AUX ) on the remote control;
- Press and hold the OK key  while holding the mode key simultaneously;
- Release both keys to enter ID code setup mode;
- Enter the 4 digits ID code found in code table.

### 2.2 Auto-search Function (9-2-2)

To use the auto-search function to search for the ID code for a particular brand of TV, DVD and AUX the user would utilize the auto-search function sequence as described below:


- Turn on the target device;
- Aim the remote control at the selected device IR receiving opening;
- Press and hold the selected mode key;
- Press and hold the OK key  while holding the mode key simultaneously;
- Release both keys;
- Enter the auto-search setup code 9-2-2;
- Press and hold the Play key  to start auto-search;
- When the target device responds by turning off itself, release the PLAY key  to stop.
- Save ID code and exit. To save the current ID code press ENTER key  ;
- To exit the auto-search without saving the ID code. Press EXIT to TV key  ;
- To continue the auto-search, press the PLAY key .

### Auto-search for AUX

AUX has AUDIO, REC/TUN, AMP and HTIB devices in the same mode:

There will be 2 methods for AUX auto-search.

#### Method 1 – Quick select for AUX

After step 7 of the auto-search function, the user can choose the specific device in AUX mode by selecting digit 1 to digit 4. Releasing the chosen digit mode key and press play key  to enter AUX auto-search setup mode.

Digit 1 represents AUDIO

Digit 2 represents REC/TUN

Digit 3 represents AMP

Digit 4 represents HTIB

The auto-search function will only transmit POWER code of the selected device. All the steps in the auto-search function are still active.

### Method 2 – Continuous auto-search for AUX



After step 7 if the user does not select any of the digit 1 to digit 4, the auto-search function will transmit POWER code of all the devices with the following sequences:

- AUDIO
- REC/TUN
- AMP
- HTIB

All the steps in the auto-search function are still active.

### 2.3 Volume control programming (Volume control assignment) (9-5-5)



User can select any of the STB, TV, DVD and AUX device to control the volume with the volume control programming sequence as below:

- Press and hold the STB key  ;
- Press and hold the OK key  while holding the mode key simultaneously;
- Release both keys ;
- Enter the volume control setup code 9-5-5.
- Press and release the selected device mode to finish the volume control setup.

### 2.4 Channel control programming (9–6–6)



The remote control is set to control channel of the STB by default. Before this programming scheme can be used, the desired mode button must first be programmed with an ID code. Each mode can select its own channel control.

However, the user can select any of the STB, TV, DVD and AUX device to control the channel with the channel control programming sequence as described below:

- Press and hold the STB key  ;
- Press and hold the OK key  while holding the mode key simultaneously;
- Release both keys;
- Enter channel control setup code 9-6-6.
- Press and release the selected device mode to finish channel control programming setup.

### 2.5 Power control programming (9-7-7)

In default mode, the power key only works to STB. But the user can follow below steps to change Power Control Devices:

- Press and hold the STB key  ;
- Press and hold the OK key  while holding the mode key simultaneously;
- Release both keys;
- Enter the power control setup code 9-7-7;
- Press the first device mode key you want to add (max.4 devices), and then press the Enter key to finish the power control programming setup.

## 3. Troubleshooting

Q: Will my settings be deleted when I replace the batteries?

A: No. All user settings will be retained in the remote control memory permanently.

Q: The remote control does not wake up anymore.

A: Battery level too low or battery lifetime came to an end. Replace the batteries, test if the remote control still operates your devices. If it does not, you have to setup the remote control again.

Q: Tried all code from code table of devices and none work

A: Try Auto-Search function.

Q: I cannot enter setup mode.

A: Battery level too low or battery lifetime came to an end.

## 4. Code Table

TV	
Accurian	1803
Action	0873
Admiral	0093, 0463
Advent	0761, 0783, 1933, 3210, 3305, 3541
Affinity	3360, 3384
Aiko	0092
Aiwa	1362
Akai	0812, 1675, 0702, 0765, 0030, 0672, 1207, 1385, 1935, 2232, 3304, 3341, 3348, 3489
Akura	1687
Albatron	0843
Alfide	0672
America Action	0180
Anam	0180
AOC	1589, 0030, 1365, 1590, 2014, 2087, 2402, 2786, 3309, 3458, 3493
Aomni	1623
Apex	0765, 2397, 3536
Apex Digital	0748, 0879, 0765, 0767, 0890, 1217, 1992, 2397, 3432
Astar	1531, 1738, 3359
Audinac	0180
Audio Vox	1769, 3277
Audiovox	1564, 0451, 0180, 0092, 0623, 0802, 0846, 0875, 1284, 1766, 1769, 1803, 1865, 1937, 1951, 1952, 3221, 3277, 3307
Auria	2014, 2087, 3443, 3469
Auvio	3448
Aventura	0171
Avera Digital	2397, 3423
Avol	3118, 3276, 3319, 3457, 3459
Axess	3382
Axion	1937, 3387
Baysonic	0236, 0463, 0180
Bell & Howell	0154
BenQ	1032, 1315, 1756, 1589
BGH	0876, 0898
Blue Sky	1254
Boigle	1696
Bose	2293
Bradford	0180
Brilliant	1007
Broksonic	0236, 0463, 1935, 1938, 1670, 3250
Byd:sign	1309
Candle	0030, 0056
Carnivale	0030
Carver	0054
Casio	1205
CCE	0037, 0623
Celebrity	0000
Celera	0765
Champion	1362
Changhong	0765, 3432
Cielo	3118, 3446, 3540
Cineral	0451, 0092
Citizen	0451, 0060, 0030, 0092, 0056, 0561, 1672, 1935, 3449
Clarion	0180
Coby	1538, 1634, 2306, 2314, 2315, 2338, 2340, 2343, 2344, 2345, 2350, 2560, 3202, 1687, 3219, 3257, 3259, 3280, 3284
Commercial Solutions	3456, 0047
Concerto	0056
Conia	1687
Contec	0180
Contex	3385
Continental	2357
Coradir	2157
Cosmos	3460

## TV, continued

Craig	0180, 1687, 3461
Croma	1011
Crosley	0000, 0054
Crown	0180, 0672
Crown Mustang	0672
Curtis	1200, 1326, 2352, 2397, 2466, 2104, 3309, 3315, 3360, 3362, 3368, 3385, 3420, 3439, 3455, 3482, 3484, 3488, 3508
Curtis Mathes	0047, 0054, 0154, 0451, 0093, 0060, 0702, 0030, 0145, 0166, 0623, 0056, 1147, 1959, 3232
CXC	0180
Cytron	1326
Daenyx	0180, 0672
Daewoo	0154, 0451, 0092, 0623, 0661, 0672, 1816, 3222, 3331
Daytek	3465
Daytron	0180
Dell	1264, 1080, 0178, 1863, 3524
Denon	0145
Diamond Vision	1997
Digitstar	1565
Digital Lifestyles	1765
Digital Research Technologies	3462
Digitrex	3446
Disney	0171, 2152, 2432
Drean	0037
DSE	1565
Dumont	0017
Durabrand	0463, 0180, 0178, 0171, 1034, 1463, 3210
Dynex	1463, 3292, 1810, 2184, 3302, 2751, 3322, 3467
Electroband	0000
Electrograph	1755, 1623
Electrohome	0463, 1670, 1672
Electron	3420
Elektra	0017, 0623
Element	1687, 1886, 2183, 1864, 2256, 1523, 2964, 3273, 3373, 3388, 3427, 3468
Elite	1457
Emerson	1864, 0154, 0451, 0236, 0463, 0180, 0178, 0171, 0623, 1394, 1886, 1944, 1963, 1997, 3542
Emprex	1422, 1765
Encross	0876
Envision	0030, 0813, 1365, 1589, 2014, 2087, 3399
Epson	1122
ESA	0812, 0171, 1944, 1963
eTEC	3453
Firstline	0037
Fisher	0154, 1362
Fluid	2964
Fujimaro	1687
Fujitsu	0809, 0683, 0853
Fujitsu Siemens	0809
Funai	0000, 0180, 0171, 1271, 1904, 1963, 1979, 1864
Furrrion	3471
Futuretech	0180
Gateway	1755, 1756, 0864, 1327
GE	1547, 3456, 0047, 0051, 0451, 0765, 0178, 1147, 1922, 2359, 3206
General Electric	0047
GFM	1864, 0171, 1886, 1963
Gibraltar	0017, 0030
Global Home	1565
Go Video	0886
GoldStar	0178, 0030, 0037, 0056
GPX	3528, 3288, 3312, 3317, 3370, 3519
Gradiente	0053, 0056
Grundig	0037, 0070, 0672, 0683
Grunpy	0180
H & B	1366

## TV, continued

Haier	3431, 2309, 1034, 1749, 1753, 2293, 2494, 3204, 1200, 3118, 1963, 1944, 1904, 1525, 1365, 1254, 1198, 0802, 0783, 1080, 1670, 1744, 1979, 3207, 3227, 3275, 3281, 3325, 3326, 3327, 3346
Hallmark	0178
Hanns.G	1783
Hannspree	1348, 1745, 1783, 2786
Harley Davidson	1904
Harman/Kardon	0054
Harvard	0180
Havermy	0093
Helios	0865
Hello Kitty	0451, 3460
Hewlett Packard	1494, 3220, 3258
Himitsu	0180
Hisense	3344, 0748, 1314, 1660, 2098, 2355, 2419, 2183, 3475
Hitachi	3544, 1145, 0145, 0056, 0679, 0797, 1345, 1904, 2215, 2431, 2433, 3208, 3214, 3291, 3413, 3451, 3535
Hitech	1814
HP	1494, 0178, 3220, 3223, 3251, 3258, 3478
Hyundai	0849, 1219, 1814, 3262, 3419
I-Inc	1746
ilo	1463, 1286, 1394, 1603, 0171, 1684, 1990, 2432
Infinity	0054
Infocus	3456
Initial	1603, 1990, 3292
Innova	0037
Insignia	3292, 3431, 1564, 0463, 0171, 2751, 2432, 2184, 2088, 2002, 1963, 1463, 1810, 1660, 1641, 1517, 1385, 1326, 1204, 1284, 1314, 1603, 3294, 3296, 3543, 3322, 3559
Inteq	0017
IRT	0451, 0623
iSymphony	3118, 3319
ITT Nokia	0180
IVIEW	3312
IX	0877
JBL	0054
JCB	0000
JCM	2256
Jensen	0761, 1299, 1326, 1933
JVC	1601, 0463, 0053, 0650, 0731, 1253, 1774, 1923, 2264, 3224, 3297, 3299, 3300, 3301, 3310, 3319, 3496, 3514, 3545
KC	3460
KDS	1687
KEC	0180
Ken Brown	0236, 0463, 1321
Kioto	0030, 0082
Kenia	0030, 0082
Kenmore	3428
Kenwood	0030
Kioto	0054
KLH	0765, 0767
Konka	1385
Kost	1262, 1483
Kreisen	0876
KTV	0180, 0030
Lextron	1394
LG	3379, 3431, 3456, 0017, 0178, 0030, 2182, 2359, 1993, 1768, 0856, 0056, 1483, 3205, 3215, 3216, 3270, 3271, 3286, 3355, 3361, 3525, 3377, 3380, 3398, 3537
Lloyd's	1904
Loewe	0087
Luxman	0056
LXI	0047, 0054, 0154, 0156, 0178
Lynx	1565
M&S	0054, 0236
MAG	1687

## TV, continued

Magnavox	3393, 1454, 1866, 1755, 0054, 0051, 0030, 0171, 1455, 1990, 1963, 1944, 1904, 1525, 1365, 1254, 1198, 0802, 0783, 1080, 1670, 1744, 1979, 3207, 3227, 3275, 3281, 3325, 3326, 3327, 3346
Marantz	1454, 0054, 0030, 0037, 0704, 0855, 1398, 1714
Matsushita	0250, 0650
Maxent	1755, 0762, 1211, 1714, 1757, 3497
MAXX	2104
Megatron	0178, 0145
Memorex	0154, 0463, 3318, 0178, 0877, 0171, 1670, 3292, 1463, 1924, 1927, 1938, 1753, 1935, 2432, 3210, 3406, 3546
MGA	3318, 0178, 0030
Midland	0047, 0017, 0051
Mintek	1603, 1990
Mitsubishi	3318, 1250, 0093, 0178, 0836, 1797, 3213
Monivision	0843
Motorola	0093
MTC	0060, 0030, 0056
Multitech	0180
Mx Onda	1687
NAD	0156, 0178, 0037, 0056, 0866, 1156
Naxa	2104, 3118, 3276, 3502
NEC	0030, 0056, 0704, 0876, 1398, 1797, 2293, 3391
Netsat	0037
NetTV	1755, 0762
NEX	1814
Nexus	2183, 3388, 3394
Nexus Electronics	2183
Nikko	0178, 0030, 0092
Niko	1745
Nimbro	2104
Noblex	0154
Nokia	0180, 0861
Norcent	0748, 0824, 1365, 1589, 1590, 1591, 1745, 2087
Norwood Micro	1286
NTC	0092
Nu-Tec	2157
NuVision	2158
oCOSMO	3460
Olevia	1610, 1144, 1240, 1331, 3503
Onwa	0180
Optimus	0250, 0154, 0166, 0650, 1924, 1927
Optoma	1348
Optonica	0093
Orion	0236, 0463, 1463, 1938, 3456, 1670, 1935
Otic	1687
Packard Bell	0092
Panasonic	0650, 3372, 0250, 0051, 1271, 3237, 1345, 1924, 1927, 1941, 1946, 1947, 2240, 2264, 3218, 3228, 3238, 3332, 3333, 3335, 3336, 3516, 3517, 3518, 3532, 3551, 3560
Panavox	0861
Pandigital	3506
PARK	2104
Penney	0047, 0156, 0051, 0060, 0178, 0030, 1147
Penosonic	3392
Pettters	1523
Philco	0054, 0451, 0463, 0030, 0145, 0171, 0092, 0623, 0082, 1271, 1394, 1963
Philips	1866, 1455, 1454, 0054, 0171, 0037, 0690, 1394, 1483, 1744, 1961, 1979, 3206, 3231, 3235, 3275, 3313, 3393, 3395, 3418
Philips Magnavox	1866, 3207, 3325, 3326

**TV, continued**

White	0463, 0623
Westinghouse	
Winco	0412
Wyse	1365
Xion	1792
Yamaha	0030, 0797, 2264
Zenith	0000, 0047, 0017, 0463, 3431, 0030, 1145, 0145, 0092, 0623, 0178, 1365, 0037, 1904, 2182, 1768, 3215, 3216, 3379, 3434, 3435, 3436, 3525, 3563

**Blu Ray**

Denon	2258
Harman/Kardon	2927, 3228
Insignia	0675, 2428, 2596
Integra	2147
JVC	2365, 2855
Lexicon	2185
LG	0741, 1602
Magnavox	0675
Marantz	2414
Memorex	2331
Olevia	2331
Onkyo	2147
Oppo	2185
Panasonic	1641
Philips	2084, 2434
Pioneer	0142, 2442, 2854
Samsung	0199
Sharp	2250
Sony	1516
Sylvania	0675
Toshiba	2705, 3157
Viore	2553
Vizio	2563
Yamaha	2298

**DVD**

ABS	1972
Accurian	0675, 0000
Admiral	0048
Adventura	0000
Aiko	0278
Aiwa	0641, 0037, 0000
Alco	0790
Alienware	1972
Allegro	0869, 0039, 3251
America Action	0278
American High	0035
Amoisonic	0764
AMTC	1630
Apex	1020, 1056
Apex Digital	0672, 0717, 0755, 0796, 1020, 1056, 1061
Asahi	2615
Asha	0240
Astar	1461
Astry	1513
Audio Authority	0772
Audiovox	0717, 0790, 0037, 0278
Beaumarck	0240
Bel Canto Design	1571
Bell & Howell	0104
Blaupunkt	0717
Blue Parade	0571
Blue Sky	2623
Broksonic	0695, 0184
California Audio Labs	0490
Calix	0037
Cambridge	0690
Soundworks	
Canon	0035

**DVD, continued**

Carver	0081
CCE	0278
Cinea	0831
Cineral	0278
CineVision	0869
Citizen	0695, 2116, 0037, 0278
Coby	1107, 2494
Contel	2331
Contex	2066
Craig	0831, 0037, 0047, 0240
Crosley	0081, 0000
Curtis	3238
Curtis Mathes	1087, 0060, 0035, 0162, 0240, 0278
CyberHome	0816
Cybernex	0240
CyberPower	1972
Daewoo	0705, 0869, 1172, 0045, 0278
Datsun	1233
Dell	1972
Denon	0490, 0634, 1634, 2258, 0042
DirectV	0739
Disney	0675, 1270, 2318
Durabrand	2066, 0039, 3252
Dynatech	0000
Dynex	2596
E:max	0330
Electrohome	2116, 0037, 0043
Electrophonic	0037
Emerex	0032
Emerson	0591, 0675, 2213, 0037, 0184, 0000, 0043, 0278, 1593
Enterprise	0591
F&D	2533
Fisher	0670, 0047, 0104
Fuji	0035, 0033
Funai	0675, 0000, 1593
Garrard	0000
Gateway	1077, 1158, 1972
GE	0522, 0717, 0060, 0035, 0240
General Electric	0717
GFM	0675, 1593
Global Home	2123
Go Video	0744, 0741, 0783, 0869, 1075, 1158, 0240, 0614, 3236
GoldStar	0741, 0869, 0037
Gradiente	0651, 0000
Greenhill	0717
Grundig	0539, 0705
Harley Davidson	0000
Harman/Kardon	0582, 0702, 1229, 2927, 3228, 0081
Headquarter	0046
Helios	2192
Hello Kitty	0831
Hewlett Packard	1972
Hi-Q	0047
Hitachi	0573, 0664, 0695, 0000, 0042
Hiteker	0672
Howard	1972
Computers	
HP	1972
Hughes Network Systems	0042
Humax	1588, 0739
Hush	1972
Hyundai	1451
iBUYPOWER	1972
ilo	1348
iLuv	2123
Initial	0717
Insignia	0675, 0741, 2095, 2428, 2596, 3251
Instant Replay	0035
Integra	0571, 1769, 0627, 1634, 2147, 2215
Irradio	0646
IRT	0783, 1654

**DVD, continued**

JBL	0702
JVC	0558, 0623, 1164, 1275, 1550, 1602, 2365, 2855, 0067, 3267, 3268, 3270, 3279
Kawasaki	0790
KEC	0037, 0278
Kenwood	0490, 0534, 0067
KLH	0717, 0790, 1020
Kodak	0035, 0037
Koss	0651
Lasonic	0798
Lexicon	2185
LG	0591, 0741, 0869, 1602, 2135, 0037, 3251
Linksys	1972
LiteOn	1158
Lloyd's	0000
Logitech	2639
LXI	0037
Magnasonic	0651
Magnavox	0503, 0539, 0646, 0675, 1354, 1506, 0035, 0039, 0081, 0000, 1593, 3249
Magnin	0240
Marantz	0539, 2414, 0035, 0081
Marta	0037
Matsushita	0035, 0162
Media Center PC	1972
MEI	0035
Memorex	0695, 0831, 1270, 2213, 2331, 3153, 0035, 0162, 0037, 0048, 0039, 0047, 0240, 0000, 0104, 0046
MGA	0240, 0043
MGN Technology	0240
Microsoft	0522, 2083, 1972
Mind	1972
Minolta	0042
Mintek	0717
Mitsubishi	1521, 0067, 0043
Motorola	0035, 0048
MTC	0240, 0000
Multitech	0000
NAD	0741
NEC	0104, 0067
Nesa	0717
Nikko	0037
Niveus Media	1972
Noblex	1233, 0240
Norcent	1107, 1461
Northgate	1972
Olevia	2331
Olympus	0035
Onkyo	0503, 1769, 0627, 1627, 2147, 2215
Oppo	0575, 2185
Optimus	0162, 0037, 0048, 0104
Orion	0695, 0184
Oritron	0651
Panasonic	0490, 0503, 0703, 1579, 1641, 0162, 0035, 0614, 0616, 3239, 3245, 3272
Penney	0035, 0037, 0240, 0042
Pentax	0042
Philco	0675, 0690, 0733, 0790, 0862, 0035
Philips	0503, 0539, 2056, 2084, 0646, 0675, 1158, 1340, 1354, 1506, 2434, 0739, 0035, 0081, 0618, 3256, 3276, 3277
Pilot	0037
Pioneer	0571, 0142, 0631, 1512, 1571, 2442, 2854, 0067, 3244
Polaroid	1020, 1061
Polk Audio	0539, 0081
Portland	0278
Presidian	0675, 1593
Proceed	0672
Profitronic	0240

**DVD, continued**

Proline	2616
Proscan	0522, 0060, 3237
Protron	1461
Pulsar	0039
Quarter	0046
Quartz	0046
Quasar	0035, 0162
Qwestar	0651
RadioShack	0000
Radix	0037
Randex	0037
Ranser	3154
RCA	0522, 0571, 1769, 0717, 0790, 0822, 2213, 2587, 0060, 0035, 0240, 0042
Realistic	0035, 0037, 0048, 0047, 0000, 0104, 0046
ReplayTV	0614, 0616
Ricavision	1972
Rio	0869
Rotel	0623
Royal	0690
Runco	0039
Samsung	0490, 0573, 0744, 0199, 0820, 1075, 1470, 2329, 2369, 2489, 2556, 0240, 0045
Sanky	0048, 0039
Sansui	0695, 0000, 0067
Sanyo	0670, 0695, 2123, 0047, 0240, 0104, 0046
Sceptre	0104
Schneider	0646
Scott	0184, 0045, 0043
Sears	0035, 0037, 0047, 0000, 0042, 0104, 0046
Semivox	0045
Semp	0503, 0045
Sensory Science	1158
Sharp	0630, 0675, 1256, 2250, 0048, 1077
Sherwood	1077
Sherwood	1077
Newcastle	
Shinsonic	0533
Shogun	0240
Signature	0035
Silver	1228
Sonic Blue	0869, 0614, 0616
Sony	1633, 0533, 0864, 0772, 0862, 1070, 1431, 1516, 0032, 0035, 0033, 0000, 0636, 1972, 3231, 3232, 3233, 3234, 3240, 3246, 3247, 3248, 3253, 3258, 3271, 3274
Stack 9	1972
STS	0042
Sylvania	0630, 0675, 0035, 0081, 0000, 0043, 1593, 3255
Symphonic	0675, 0000, 1593
Systemax	1972
Tagar Systems	1972
Tashiko	0037
TCL	2587
Teac	0790, 0000
Technics	0490, 0703, 0035, 0162
Teknika	0035, 0037, 0000
Theta Digital	0571
Thomas	0000
TiVo	1503, 1512, 0739, 0618, 0636
TMK	0240
Toshiba	0503, 1769, 0695, 1154, 1503, 1510, 1588, 1608, 2006, 2277, 2705, 3157, 0045, 0043, 1972, 3243, 3254, 3257, 3260, 3261, 3262, 3263, 3264, 3269
Totevision	0037, 0240
Touch	1972
TYT	0705
Unitech	0240
Urban Concepts	0503

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V	1064
Vector	0045
Venturer	0790
Video Concepts	0045
Videomagic	0037
Videosonic	0240
Viewsonic	1972
Villain	0000
Viore	2553
Vizio	1064, 2563
Voodoo	1972
Voxson	1630
Vtrek	2587
Wards	0060, 0035, 0048, 0039, 0047, 0081, 0033, 0240, 0045, 0000, 0042, 0046
WB Electronics	0772
Xbox	0522, 2083
XR-1000	0035, 0000
X-View	1233
Yamaha	0490, 0539, 0646, 0545, 0497, 1354, 2298, 3273
Zenith	0503, 0591, 0741, 0869, 0037, 0039, 0033, 0000, 3252
ZT Group	1972

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Aiwa	1405, 0189, 1388, 1641, 3116
Alco	1390
Altec Lansing	2720
AMC	1077
Anam	1609
Apex Digital	1257, 1430, 1774
Apple	1115
Arcam	1189, 0189
AudioSource	1441
Audiotronic	1189
Audiovox	1390
Bose	1629, 1933
Carver	1189, 0189
Coby	1389, 2127
Curtis	1389
Daewoo	1250
Denon	2706, 2857, 1360, 1460, 2247, 2279, 2516, 2820, 2987, 3001, 2502, 3112, 3185
Dynex	2971
Fisher	1801
Gateway	1517
Harman/Kardon	0892, 3045, 0110, 0189, 1304, 1306, 2241, 2443
Hitachi	1801
HitPlus	2483
iHome	2435
iLive	2013
Insignia	1030, 1077, 1751, 1893, 2126, 2169, 2175, 2472, 2929, 2966
Integra	1298, 1320, 1805
iSymphony	2442
JBL	0110, 1306, 2241, 3146
JVC	1374, 1495, 1871, 2040, 2239, 2331, 2969, 3100, 3101, 3124, 3126
Kenwood	1313, 1569, 3129, 3137, 3171, 3174
KLH	1390, 1428
Klipsch	3108
Koss	1366, 1497
Left Coast	0892
LG	1293, 2197, 2284, 2676, 3146, 3141
Linn	0189
Liquid Video	1497
Magnavox	1189, 1269, 0189, 1514, 1831, 2270
Marantz	0892, 1892, 1189, 1269, 0189, 1289, 2114, 1831

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McIntosh	1289
Micromega	1189
Myryad	1189
Nakamichi	1313
NexxTech	1751
Norcent	1389, 1751
Nova	1389
Onkyo	0842, 1298, 1320, 1531, 1805
Optimus	1023
Oritron	1366, 1497
Panasonic	1308, 1518, 1275, 1288, 1316, 1548, 1633, 1763, 1764, 2105, 2221, 2452, 2967, 3099, 3104, 3105, 3106, 3113, 3114, 3115, 3132, 3133, 3170
Philco	1390
Philips	0892, 1189, 1269, 0189, 1831, 2311, 2459, 1892
Pioneer	1023, 1384, 1935, 3107, 3128
Polk Audio	0892, 0189, 1289, 2270
Proscan	1254
RCA	1023, 1609, 1254, 1390, 1511, 2041, 2426, 2485, 2490, 2611
Rio	1869
Samsung	1295, 1304, 1500, 1868, 2609, 3102, 3103, 3127
Sansui	0189
Sanyo	1801
Sharp	3097, 3125, 3169, 3136, 3186
Sherwood	1077, 1517, 1905, 2169
Sherwood	2169
Newcastle	
Sonic Blue	1869
Sony	1759, 1058, 1441, 1258, 1622, 1558, 1658, 1758, 1822, 1858, 2172, 2227, 2475, 2522, 2610, 3110, 3111, 3116, 3162, 3168

Stereophonics	1023
Sunfire	1313
Teac	1390, 1528
Technics	1308, 1518, 1633, 1275
Techwood	3146
Thorens	1189
Toshiba	1788
Venturer	1390
Vizio	1517, 2454, 2695
Vtrek	2426, 2483
Wards	0189
Yamaha	2592, 0176, 0376, 1176, 1276, 1375, 1376, 1476, 1815, 2061, 2455, 2467, 2608, 3030, 1797, 2021, 2458, 3109
Zenith	1293, 2197, 3146

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Aiwa	4119, 4125, 4033, 4053, 4055, 4058
Apex Digital	4078
Audiovox	4021, 4025
Bose	4023
Boston Acoustics	4157, 4020
Classic	4149
Fonmix	6126
Gateway	6164
Go Video	6170
Harman/Kardon	6053, 6079
Hitachi	6198
Initial	6150
Integra	6048
JVC	6108, 6135, 6156
Kenwood	6052, 6056, 6081, 6118, 6178
KLH	6143, 6147
Koss	6130
Lasonic	6197
Lenoxx	6152
Linn	6053
Liquid Video	6157
Magnavox	6053, 6068, 6094, 6105, 6163

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JVC	4003, 4004, 4013, 4052, 4061, 4062, 4071, 4072, 4073
KEF	4107
Kenwood	4037, 4056
Koss	4112
LG	4144, 4009, 4010, 4011, 4022, 4040, 4068
Magnavox	4121, 4074
Myron & Davis	4143
NAD	4114
Nakamichi	4080