

USER'S MANUAL



Operation Instruction

Thank you for purchasing this learnable universal remote control. Your new remote control has a stylish design and attractive surface. It contains one of the largest infrared code library obtainable in market for 4 different devices.

For preprogrammed code, all you have to do is to choose the device which you wish to control (for example Projector) and its 3-digit code number from the brand code list (for example 012 under Optoma Projector). After you set up it will remember all your set up data permanently even you remove the batteries later.

The 4 in 1 universal remote control is suitable for practically almost all common brands of DLP Projector ,television set (TV), DVD player (DVD), amplifiers(AMP). It can operate all main functions of your device.

This remote control can “learn” a new code from a original remote control to supplement the codes in case of its shortage.

“Write-protection of Device Codes” can protect the device codes from being inadvertently overwritten or deleted

Please read this manual book carefully before you start operate your new remote control.

Realize the Buttons



- SET**—For you start to set up the remote control.
- PROJECTOR、AMP、DVD、TV、**—Let you select the device you want to control.
- ⏻**—Turns the device on and off .
- 0-9**—The number keys operate the same as on your original remote control, and maybe also used for entering device codes when set up.
- Keystone ±**—Keystone correction increment with decrement. (Projector)
- Zoom±**—Zoom increment with decrement.(Projector)
- Source**—Input source selection when OSD off.(Projector)
- BLANK MODE**— Display blank.(Projector)
- RESYNC**— Auto adjustment for phase, tracking,size,position when OSD off.(Projector)
- LEARN**— For you start to learn the remote control.
- MENU**—Works like the Menu or OSD (on-screen display) or Memory key on your original remote control.
- CH±**—Works like the Channel Up and Down keys on your original remote control.
- VOL±**—Control the volume like the Volume Up and Down on your original remote control.
- Mute /OFF** To mute the sound or power off.
- ⏮** **REW** (fast reverse)
- ▶** **PLAY** (operate your DVD, CD etc)
- ⏭** **FFWD** (fast forward)
- **REC** (Record)
- **STOP** (terminate your operation)
- ⏸** **PAUSE**
- ▲ ▼ ◀ ▶, ENTER, EXIT** Works like the UP、DOWN、LEFT、RIGHT、ENTER、EXIT Keys on your original remote control for menu function.
- RED、GREEN、YELLOW and BLUE:** for TV Fast Text.

Battery Installation

This remote control needs 2 AAA batteries to work with. Fresh Alkaline batteries are recommended. To install the batteries:

1. Turn the remote back, and lift the battery cover off.
 2. Insert the batteries, matching the batteries to the (+) and (-) marks inside the battery compartment.
 3. Slide the battery cover back into place.
- All data you have set up into the unit will be stored in memory even you take off the batteries, but you may need to set the clock again.

Set Up

A. Set up by Brand Code:

1. Switch on the device, which you would like to control (e.g. Projector set).
 2. In the **back section** of this manual, find the brand name and code no of your device brand (e.g. Optoma 012, 013, 014...).
- Note: the codes must be in the column for the corresponding device group.
3. Hold down the SET key and actuate the device key (e.g. Projector) at the same time. The **POWER** key on your remote control lights up, that means it is in the setting up mode.
 4. You must now enter the 3-digit device code (e.g. 012 for Optoma Projector) within 10 seconds. If no entry within 10 seconds, the setting up mode is automatically terminated.

5. The LED goes out if the code has been accepted by the remote control. If the LED flashes twice, that means the code may be wrong, and the remote control remains in set-up mode, you should enter the correct code from the list again in time.
6. Check the function of the keys on remote control. If most keys on your new remote control do not function correctly, try another 3-digit device code (e.g. 013...) from the list under the same brand. Repeat steps 3 to 6 until all the basic functions operate correctly. Once you satisfy the code, that means you have already got correct set up for the device.

Remark: 1. To leave set up mode, press the device key (e.g. Projector). Or if you do not actuate any keys within 10 seconds it will be automatically terminated.
 2. You may have set up more than one device on the new remote control. Before you operate your new remote control, please press the requested device key first (e.g. Projector), so the remote control is surely at the proper device status, otherwise it may control the wrong device which is not you're requested.

B. Set up by Learning

The LEARN function is used to supplement the preprogrammed codes. The standard code list may provide most of functions needed, but you can add a small number of additional functions on it. Or you can add a new code from a original remote control which is shortage in the code list.

In learn mode, you must prepare a another original remote control where you will take codes from.

Please use fresh batteries for both the Learning Remote Control and the Original Remote Control.

1. Press down and hold the **Learn** key and press the device that you want to learn (e.g. DVD), then release the both pressed keys. The POWER button on your new remote control blinks and then the remote control is in learning mode for DVD codes.
2. Press and release the target button that you want to learn to (e.g. POWER), the device button lights up.
3. Point the original remote control to the receiver LED (as the same as it's transmitter LED) on your new remote control, both remotes facing each other by approximately 30mm apart.
4. Press and hold the source button on your original remote control (e.g. POWER) until the LED on your new remote control blinks 2 times and lights up 2 seconds, then blinks again. (That means you have learnt POWER signal from the original remote, and you new remote control is in learning again for next learning.)

If there is a learning problem, the light blinks 4 times and lights up for 2 seconds then blinks, (That means you failed to learn POWER signal from the original remote, and you new remote control is in learning again for next learning.)
 5. Repeat Steps 2 to 4 to learn more buttons.



Remark:

1. If you want exit the learning mode, Press and release LEARN key.
2. In learning mode you must not be more than 30 mm between 2 remotes., and the 2 remotes must be put in a straight line.
3. It will exit the learning mode if you don't press any keys in 30 seconds .
4. You can press SET and 4 together to delete all buttons you have learnt under the device button, the LED will flash 2 times to confirm it.(First choose the device button which you like to delete)
6. The last learnt signal will overwrite the previous signal.
7. About 14 commands can be stored in this remote control .The last learnt signal will overwaite previous signal stored in that device and button.

Other Functions**A. Display the Device Code:**

The device code, which has been set up in your new remote control, can be called up as follows:

1. Press the SET key and hold it down, now actuate number key "1" to display the 100th position of the 3-digit code. Count the numbers the LED flashes. If the LED doesn't flash, that means the digit is ZERO.
2. Similarly, press the SET key and hold it down, at the same time actuate number key "2" to display the 10th position of the 3-digit code.
3. Press the SET key and hold it down, at the same time actuate number key "3" to display the 1st position of 3-digit code.

Example for Code 028:

- a. Press SET and "1", LED flashes 0 time, no flashes.
- b. Press SET and "2", LED flashes 2 times.
- c. Press SET and "3", LED flashes 8 times.

B. Reset / Delete Function:

To delete the codes which have been set up in the remote control, press and hold down the SET key, then press the "0"key simultaneously for more than 3 seconds and then release the both pressed keys. The LED will flash twice and all the set up data and all learn commands in the remote control are deleted.

Remark: Please don't operate this function if you don't want to delete all the settings.

C. Write-protection of Device Codes:

To protect the device codes from being inadvertently overwritten / deleted, you can carry out the following:

1. Press the device key (e.g. Projector) that you would like to protect on your remote control.
2. Press and hold down the SET key and press the "7" key at the same time. Then release the both pressed keys, the LED will flash twice and the code is then protected from being overwritten/deleted.

Remark: To cancel write protection, press the SET key and hold it down, and activate the "8" key at the same time, and then release the both pressed keys. The LED flashes twice and the protection have been cancelled.

Device Brand Code List

Projector

| BRAND | CODE | MODEL |
|--------|------|---|
| OPTOMA | 012 | DN346, DN362, DN364, DN861, DN961, DP336, DP352, DP354, DP851, DS309, DS309i, DS316, DW318, DX319, DX319p, DX609, DX609i, DX609v, EH1020, EP620, EP720, EP721, EP723, EP723mx, EP726, EP727, EP727i, EP727mx, EP728, EP728i, EP728mx, ES526, ES526L, EW531, EW533ST, EW536, EW628, EW1610, EX355, EX526, EX531, EX531p, EX536, EX536L, EX536v, EX538, EX540, EX540i, EX540i(3D), EX542, EX542i, EX542i(3D), EX612, EX615, EX762, EX765w, EW766w, GT720, HD66, HW536, HW628, OP280w, OP300w, OP380w, OP400w, OP1122, OP1126, OP1230, OP1260, OPS2610, OPX250x, OPX2300, OPX2510, OPX2610, OPX2800, OPX3000, OPX3800, OPX4010, PRO100s, PRO150s, PRO200x, PRO250x, PRO350w, RS528, PW2300, PW2500o, S22, S22E, S28, TH1020, TS526, TS721, TS723, TX536, TX542, TX542i, TX728, TX762, TX765w, (ACCO)TX727, WX27o, WX28, X22c(ACCO), X25, X28, (COMPACT)228, EW533ST, GT720 |
| OPTOMA | 013 | (COMPACT)218, CP705, DP7249, DS302, DS303, DX602, DX625, DX670, DX733, EP706, EP706s, EP708, EP708e, EP708s, EP709, EP709s, EP712, EP712e, EP719h, EP749, EP990s, FS704, KX700, S17e, SP7600, TX800, X17e, X25c |
| OPTOMA | 014 | DV10 |
| OPTOMA | 015 | DV11, DVD100, U2, U3 |
| OPTOMA | 016 | EP776, EP782, EP776w, EP782w, EP1080, OPX4100, OPX4800, TX776, TX782, TX776w, TX778w, TX782w |
| OPTOMA | 017 | ET700xe, GT7000, HD32, HD65, HD65a, HD70, HD71, HD75, HD700x |
| OPTOMA | 018 | HD31 |
| OPTOMA | 019 | DP7259, EP716b, EP716c, EP739, EP739h, EP770 |
| OPTOMA | 021 | DS305, DS305r, DX605, DX605r, EP716, EP716a, EP716mx, EP716p, EP716r, EP719, EP719p, EP719r, EP738mx, EP7161, S16e, TD306, TD316, TS400, TX700, X20e, UNE EC706 |
| OPTOMA | 022 | HD6800, HD72, HD72i, HD73 |
| OPTOMA | 023 | HD80, HD82, HD8200 |
| OPTOMA | 024 | HD81, HD81-LV, HD3000 |
| OPTOMA | 025 | DX608, EP747, EP773, EP780, EP781, EP1690, OP1140, OP1280, OP1400, T20, T203, TX773, TX780 |
| OPTOMA | 030 | HD20, HD20LV, HD22, HD67, HD200x, HD2200, IS800c |
| OPTOMA | 036 | EP729 |
| OPTOMA | 027 | COMPACT215, EP7150 |
| ACER | 002 | 001, H5360, H7530, H7530d, P1100, P1100c, P1165, P1166, P1166p, P1200, P1200a, P1200b, P1200n, P1200i, P1203, P1206, P1265, P1265p, P1265k, P1265ki, P1266, P1266i, P1266n, P1266p, P1270, P1300wb, P1303w, P3150, P3151, P3250, P3251, P5260, P5260i, P5270, P5280, P5370w, |

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| | | P7270,P7270i,P7280,P7290,S1200,X1160pz,X1161,X1260p,X1261 |
| ACER | 027 | P5260,P5260i,P5271i,P7270,P7270i,,P7280,P7290,PD99s,PD99x,PD311,PD323,PD523pd,PD525pd,PD525pw,PD527d,PD527w,PD528,PD726,PD726w,PD727,PD727w,PW730,XD1150,XD1150d,XD1150p,XD1170d,XD1250,XD1250p,XD1270d,XD1280d |
| ACER | 032 | H5350,H5360,X1160,X1160+,X1160p,X1160pz,X1160zn,X1160z,X1260,X1260k,X1260p,X1260t |
| ACER | 035 | PD100,PD100d,PD100p,PD100s,PD116,PD120,PD120d,PD120p,PD120pd,PD322,PD523,PD525d |
| ACER | 039 | P1100c,P1200a,P1200b,P1200i,P1200n,P1300wb |
| DELL | 026 | 1209s,1409x,1609wx,1800mp,2300mp,2400mp,3400mp,3400p,4100mp,4210x,4310wx,4610x,7609wu,1209S,M209x,M210x,M409wx,M410hd, |
| DELL | 033 | 1210s,1410x,1510x,1610hd |
| DELL | 043 | 2300mp |
| DELL | 044 | S300,S300w,S300wi |
| 3M | 013 | SCP720 |
| 3M | 020 | DMS715,SCP715,SCP717,SCP740 |
| ACCO | 037 | X20p |
| BENQ | 001 | MP771 |
| CASIO | 011 | YT35,XJ-S57 |
| CASIO | 021 | XL300 |
| CHANGHONG | 021 | PDF270,PDF270x,PDF720p |
| EPSON | 006 | 001, EMP-1715 |
| EPSON | 010 | EMP1705,EMP1725 |
| GAHA | 021 | COMPACT216,COMPACT218 |
| HITACHI | 004 | CP-X200,CP-X205,CP-X300,CP-X305,CP-X308,CP-X400,CP-X417,ED-X30,ED-X31,ED-X33 |
| HP | 003 | AP0110 |
| HP | 009 | ARES,ARES-a,ARES-b,MP2210,MP2215,MP2220,MP2225,MP3320,MP3322 |
| INFOCUS | 040 | IN1100,IN1102,IN3102,IN3104,IN3106,IN3108,IN3182,IN3186,IN3188,IN3902LB,IN3904LB,IN5302,IN5302L,IN5304,IN5304L,IN5502,IN5502L,IN5504,IN5504L,IN5532,IN5532L,IN5534,IN5534L,IN5584,IN5588,LP85,LP85w,SP8602,IN81,IN81c,IN82,IN83,X10,X10c |
| INFOCUS | 042 | X6,X6c,X7,X7c,X9,X9C,X15,X20,X21,X815 |
| KAGA | 038 | U6-112,U6-132,U6-232 |
| LENOVO | 013 | T20,T203 |
| LENOVO | 021 | C10,DT1500 |
| MEDION | 017 | MD30053 |
| NEC | 007 | LT20 |
| NEC | 042 | NP100,NP100+,NP100g,NP100j,NP200,NP200+,NP200g,NP200j |
| SAHARA | 021 | DP1500 |
| SANYO | 029 | PDG-DSU30 |
| SANYO | 031 | PDG-DWL100,PDG-DXL100 |
| SMART | 028 | UF55,UF55W |

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| SONY | 008 | VPL-CX63 |
| THTF | 042 | DX680,DX710 |
| TOSHIBA | 034 | TDP-SW80,TDP-TW90,TDP-TW90A,SP1,S8,MT200 |
| ViewSonic | 005 | ,001 |
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TV

| BRAND | TV |
|----------------|---|
| Abex | 011,286 |
| Accurian | 140,452 |
| Accuscan | 005,014 |
| Acme | 156 |
| Action | 002,006,010,042 |
| ADA | 167 |
| ADC | 152,154 |
| Admiral | 003,004,005,014,015,018,025,035,040,041,055,165,308,455 |
| Advantz | 049 |
| Advent | 030,080,087,094,101,238,326,456,457 |
| Adventura | 279 |
| Adventuri | 001 |
| Adyson | 011 |
| Agna | 030 |
| Aiko | 024 |
| Aiwa | 011,295,296,309 |
| Akai | 010,012,020,021,028,031,064,071,149,211,230,361,362,372,373,410,442 |
| Alaron | 037,040 |
| Alba | 011,012,045 |
| Albatron | 002 |
| Alfide | 064 |
| Alleron | 010,037,193 |
| Amark | 002,007,011,013,014,018,035,165 |
| Ambassador | 030,039 |
| America Action | 041 |
| American High | 001,021 |
| Ampro | 079 |
| Amstrad | 013,038,039 |
| Amtron | 001,041, 062 |
| Anam | 041 |
| Anamnational | 019, 062,150,169,184,293 |
| AOC | 002,006,010,011,012,013,041,042,151,152,155,159,264,280,288,341,429,439,461,476 |
| Aomni | 399 |
| Apex | 078,081,113,321,367,423 |
| Apex Digital | 033,042,078,081,083,113 |
| Archer | 002,165 |
| Aspect | 198 |
| Astar | 472 |
| Asuka | 045 |

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| Audinac | 041 |
| Audio-Technica | 006 |
| Audiovox | 002,024,040,041,054,061,062,074,090,112,140,147,348,436,457 |
| AUVIO | 451,489 |
| Aventura | 038 |
| Axion | 147,281,454 |
| Bang&Olufsen | 291 |
| Basicline | 045 |
| Baycrest | 011,043 |
| Baysonic | 041 |
| Beaumarck | 004,006,010,040 |
| Belcor | 006,010,151 |
| Bell&Howell | 003,018,025,032,040,133,191 |
| BenQ | 139,215,226,383,462 |
| Bluesky | 258,386 |
| Boxlight | 118 |
| Bradford | 041,062 |
| Brick | 013 |
| Brockwood | 006,010,020 |
| Broksonic | 002,013,039,041,046,055,142,253,315,320,458,459 |
| Brokwood | 151 |
| Candle | 010,013,020,043,151,155,279 |
| Capehart | 002,004,006,010,011,024,280 |
| Carnivale | 010 |
| Carver | 018,037 |
| CCE | 122 |
| Celea | 081 |
| Celebrity | 001,149 |
| Celera | 081 |
| Centrios | 274 |
| Centurion | 155 |
| Cetronic | 184 |
| Changhong | 033,081,083,087,321 |
| Cinego | 016 |
| Cineral | 024,054,258 |
| Citek | 011,014 |
| Citizen | 001,002,003,006,007,010,011,013,018,020,021,024,038,041,043,048,049,054,055,062,127,151,155,184,230,253 |
| Civet | 042 |
| Clairtone | 042, 159 |
| Clarion | 041 |
| Classic | 006,010,020,024,081,184,321 |
| COBY | 359,364,463,464 |
| Color voice | 156 |
| Coloryme | 004,005,006,010,011,014,018,021,151,155,156 |
| Colt | 006 |
| Commercialsolutions | 014,133 |

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|--------------------|---|
| Concerto | 020,151,155 |
| Conic | 006 |
| Concierge | 235 |
| Contec | 041,042, 052,159,184,062 |
| Cornea | 192 |
| Craig | 038,040,041,049,184,062 |
| Crosley | 001,010,018,026,038,041,044, |
| Crown | 013,020,025,041,062,064,184 |
| Crownmustang | 064 |
| CTX | 165 |
| Curtis Mathes | 001,003,005,006,010,011,012,013,014,015,018,020,021,025, .028,032,036,040,041,054,056,071,077,124,127,131,133,15 1,155,160,191,230,249,318,460 |
| CXC | 041,184,062 |
| Cybervision | 258 |
| Daewoo | 006,007,013,024,054,061,064,064,138,139,151,152,155,15 6,162,163,164,181,184,185,213,225,246,247,249,256,324 |
| Dayton | 024, 151,155 |
| Daytron | 006,010,011,013,020,024 |
| Dell | 006,122,134,172,251,390 |
| Denon | 012,019,028,060 |
| Denstar | 062 |
| Diamond Vision | 220,304,331 |
| Digimate | 346 |
| Digistar | 078,087,238,251,270,272,348,384,385 |
| Digital Lifestyles | 479 |
| Digital Stream | 453 |
| Dimensia | 133,133 |
| Disney | 253,265 |
| Dukane | 198,066 |
| Dumont | 003,004,006,011,041,151,235 |
| Durabrand | 002,006,038,041,055,120,253,262,290,307,370 |
| Dwin | 025,077,085 |
| Dynasty | 184 |
| Dynex | 421 |
| Eaton | 021 |
| Electroband | 001,042,149,159 |
| Electrograph | 138 |
| Electrohome | 001,006,010,011,013,020,030,031,032,042,052,150,151,155 .167 |
| Elektra | 003,004,061 |
| Elite | 045 |
| Elite Video | 297 |
| Emerald | 006,039 |
| Emerson | 006,011,012,013,014,029,030,032,037,038,039,040,041,042 ,046,048,049,054,055,061,062,141,142,155,166,168,169,17 1,174,175,176,177,179,181,182,183,184,186,187,191,193,2 |

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|-----------------|---|
| | 49,253,282,290,304,309,310,313,315,325 |
| Envision | 006,010,011,013,092,151,155,341 |
| Epson | 097,100 |
| ESA | 038,071,290 |
| Fisher | 001,018,032,034,052,191,234,034 |
| Flex Vision | 074 |
| Fortress | 025 |
| Fujitsu | 040,043,067,091,105,193,297,338 |
| Funai | 001,013,038,040,041,062,141,184,193,290,309,325 |
| Futuretec | 184,062 |
| Futuretech | 041 |
| Gateway | 138,139,188 |
| GE | 001,005,006,008,010,012,014,015,019,021,049,054,077,124,131,133,144,150,151,155,160,167,186,194,218,232,245,190,317 |
| Gemini | 014 |
| Gibraltar | 001,004,006,010,151,235 |
| Go Video | 116 |
| Go Vision | 147 |
| Gold Star | 005,006,010,011,013,014,018,020,052,106,151,152,155,197,213,264,309,316 |
| Goodmans | 050 |
| GPX | 040 |
| Gradiente | 017,020,037,151,238,262,344,389 |
| Grandtec | 480 |
| Granprix | 040 |
| Granada | 011 |
| Grundig | 064,067,072 |
| Grundy | 040,041,062,193 |
| Grunpy | 040,041 |
| Guestvision | 299 |
| Gvision | 337 |
| Haier | 078,120,139,307,380,409,432 |
| Hallmark | 006,040,041,044,046,151,155 |
| Hannspree | 132 |
| Harley-Davidson | 001,006,010,021,040,041,141 |
| Harman/Kardon | 018 |
| Harvard | 041,062 |
| Hauppauge | 403 |
| Havermy | 025 |
| Heathkit | 004 |
| Helios | 110 |
| Hellokitty | 054 |
| Hewlett-Packard | 336,465,481 |

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| Hikone | 045 |
| Himitsu | 041,062,086 |
| Hisense | 078,209,284,345 |
| Hitachi | 001,003,004,005,011,012,013,014,015,018,019,020,028,031,040,042,052,066,123,141,151,155,198,199,200,254,255,257,282,309,334,437,448,482 |
| Hyundai | 103,110,369,466,467 |
| ILO | 259,290,298,351,357,362,408,413 |
| IMA | 006,040,041,046,062 |
| InFocus | 133 |
| Infinity | 018,314 |
| Initial | 259,357,357 |
| Insignia | 038,173,228,238,252,253,272,290,307,325,381,417,420,477 |
| Integra | 283 |
| Inteq | 004,028,235 |
| Janeil | 279 |
| JBL | 018 |
| JC Penney | 008,043,052,127,133,151,152,155,160,167,174,194,218,230,232 |
| JCB | 001,149 |
| Jensen | 030,080,094,151,155,252 |
| JIL | 006,010 |
| Jutan | 006,010 |
| JVC | 010,017,018,019,052,076,170,199,203,204,206,257,266,297,311,327,434,449 |
| Kamp | 004,006,041,042 |
| Kawasho | 006,010,042,149,151,155 |
| Kaypani | 280 |
| KEC | 021,041 |
| KEC0041 | 062 |
| Kenmore | 029 |
| Kenwood | 006,010,041,151,155 |
| KLH | 033,041,081,083 |
| Kloss | 009,010 |
| Kloss Novabeam | 205,279 |
| KMC | 002,011 |
| Kogi | 337 |
| Konka | 041,045,062,073,157,161,173,189,228,322 |
| KTV | 010,013,041,042,048,055,062,159,166,184,207 |
| Kurazai | 003 |
| Lark | 032 |
| Lasonic | 304,331 |
| Legend | 238 |
| LG | 002,006,010,018,020,021,052,106,107,128,151,152,155,192,197,213,251,263,264,309,316,392,483 |

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| Liquidvideo | 273,281 |
| Lloyd's | 010,011,013,020,040,041,046,141 |
| Lodgenet | 003,133,300 |
| Loewe | 027,018,305,485 |
| Logik | 003,020,040,041,046,133 |
| Luce | 195 |
| Luxman | 020,151,155 |
| Lxi | 001,003,004,005,006,007,008,009,010,011,012,013,014,015,017,018,019,020,021,025,026,029,032,033,034,035,036,038,040,048,077,127,133,151,155,160,191,232,309 |
| Macy | 013,043 |
| Magnasonic | 001,002,006,010,018,020,024,025,033,040,141,193 |
| Magnavox | 001,006,007,009,010,014,015,018,021,024,026,032,038,040,041,043,044,047,049,051,072,090,101,134,138,141,151,155,205,210,257,285,308,314,325,368,411 |
| Majestic | 003,004,133 |
| Marantz | 010,018,031,106,134,151,155,283 |
| Matsui | 013,020,039 |
| Matsushita | 015,047,063 |
| Maxent | 138,139,188 |
| Medion | 265,277,298 |
| Megapower | 002 |
| Megatron | 002,006,014,020,028,031,151,155,198 |
| Mei | 042, 159 |
| Memorex | 003,006,010,011,013,020,030,032,035,040,041,055,133,142,143,145,146,151,155,191,193,253,315,339,468 |
| MGA | 006,010,030,034,052,151,152,155,167,193,257 |
| MGN Technology | 006 |
| Microgenius | 030 |
| Midland | 004,005,006,011,013,014,015,020,077,133,160,194,232,235 |
| Mintek | 259 |
| Minutz | 008 |
| Mitsubishi | 006,010,025,030,032,034,099,111,126,151,152,155,167,193,257,261,415,418,426 |
| Monivision | 002,178 |
| Montgomery Ward | 003,133 |
| Moteva | 191,344 |
| Motorola | 015,018,019,025,030,150,165 |
| MTC | 006,010,011,013,020,021,024,041,042,049,127,151,152,155,159,230 |
| Multitech | 040,041,062 |
| Multivision | 216 |
| Myron&Davis | 306 |
| NAD | 006,020,033,036,127,151,155,286 |
| NEC | 003,006,010,014,020,031,035,037,059,114,137,150,151,152,155,156,257,283,474 |
| Net TV | 138,188,244 |
| Newtech | 020 |
| Nexstech | 272,356 |

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| Nikei | 184 |
| Nikko | 010,006,024,151,155 |
| Nikkodo | 006,010,024 |
| Niko | 376 |
| Nishi | 005,010 |
| Norcent | 078,095,185,196 |
| Noshi | 005 |
| NTC | 024, |
| Nyon | 001 |
| Olevia | 130,353,374,375,387 |
| Oncommand | 299 |
| Onking | 184 |
| Onwa | 041,062,184 |
| Optimus | 003,006,010,011,013,020,025,030,032,035,036,041,047,063 ,141,145,146,275,286, |
| Optoma | 132, 354 |
| Optonica | 025,035, 165 |
| Orion | 004,006,039,040,041,046,055,142,177,235,253,441 |
| Pace | 006,024 |
| Palsonic | 086 |
| Panasonic (National) | 001,005,009,010,015,018,019,033,046,047,063,129,145,14 6,150,194,207,275,276,323,332,405,475 |
| Panda | 072 |
| Pausa | 040 |
| Paxonic | 006,010,011,013,021 |
| PCE | 021,033,040 |
| Penney | 001,002,003,005,006,008,010,011,012,013,014,015,020,021 ,033,034,047,077,131 |
| Philco | 006,007,009,010,012,018,026,028,040,043,044,055,088,119 ,150,151,152,155,157,205,210,257,285 |
| Philips | 010,018,020,026,038,043,044,070,101,106,134,139,150,15 1,205,210,217,218,257,267,285,290,302,303,314,325,382,3 96,400,419,444,445 |
| Philips Magnavox | 018,134,285,303,308,314 |
| Pilot | 006,010,013,015,020,021,151 |
| Pioneer | 012,019,036,066,151,155,219,282,283,286,424,487 |
| PIVA | 358 |
| Planar | 339 |
| Polaroid | 081,110,173,252,278,284,348,371,468 |
| Portland | 002,006,011,013,024,054,151,152,155,249, |
| Precision | 039,041,042,046,049,271 |
| Price Club | 230 |
| Prima | 030,080,087,094,238,270,272,348 |
| Princeton | 002,075 |
| Princeton Graphics | 075,165 |
| Prism | 015,019,047,194 |

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| Proscan | 005,014,056,077,131,133,144,160,232,268,269,425 |
| Proton | 002,006,013, 054,056,151,155,221,280,287,342 |
| Protron | 346,388 |
| Proview | 352,353 |
| Pulsar | 003,004,006,024,151,235 |
| Pulser | 006,024 |
| Quartz | 006,030 |
| Quasar | 003,009,015,018,019,035,047,063,145,146,150,194,207,275,276 |
| Rabbit | 014 |
| Radio Shack | 006,010,011,013,014,020,030,032,035,041,052,062,077,133,141,143,151,155,183,184,190,191,275,309,317 |
| RCA | 001,005,006,008,012,014,015,018,023,025,035,066,077,085,121,124,131,133,135,144,148,150,151,152,155,160,167,190,194,222,223,225,227,232,236,245,248,268,269,282,288,289,317,431,486 |
| Realistic | 002,003,006,010,011,013,014,020,030,032,035,041,052,062,133,151,155,183,184,190,191,275,309 |
| Replay TV | 484 |
| Rhapsody | 042,159 |
| Road Authority | 049 |
| Runco | 003,004,010,021,059,235,283 |
| Sampo | 010,011,013,014,052,138,139,151,155,188,244,280 |
| Samsung | 004,006,010,011,013,014,018,019,020,021,032,052,056,071,082,093,127,151,152,154,155,160,211,213,229,230,231,277,318,329,393,395,401,402,404,414,416 |
| Samsux | 012,013,155 |
| Samtron | 230 |
| Sanky | 006,010,012,013,021,048 |
| Sansui | 006,010,021,035,055,141,142,253,315,441,443,492 |
| Santeca | 294 |
| Sanyo | 001,014,018,022,029,032,034,038,052,055,089,118,138,151,191,224,233,234,407,412,430 |
| Saville | 021 |
| Sceptre | 260,367 |
| Scimitsu | 006 |
| Scotch | 006,151,155 |
| Scott | 006,010,013,039,040,041,046,062,151,155,168,177,184,193 |
| Sears | 001,003,004,005,006,007,008,009,010,011,012,013,014,015,017,018,019,020,021,025,026,029,032,033,034,035,036,038,040,048,052,077,109,127,133,141,151,155,160,191,193,201,230,232,234,290,320,325 |
| Seimitsu | 006 |
| Selectron | 078,349,350,490,491,492 |
| Semp | 333 |
| Sharp | 006,011,013,018,025,035,040,041,051,058,068,069,104,151,153,155,165,201,242,243,308,406,438,478 |
| Shengchia | 025 |
| Shivaki | 006 |
| Shogun | 006,151 |

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| Siemens | 011,028 |
| Signature | 003,010,014,025,035,039,040,044,133 |
| Silver | 006 |
| Simpson | 010,006,043,044 |
| Singer | 021,024 |
| Solardrape | 001,011 |
| Sole | 092 |
| Sonic | 159 |
| Sony | 001,004,017,030,032,098,141,149,158,208,319,391,394,397,446,447,471 |
| Soundesign | 006,020,040,041,043,062,151,155,184,193 |
| Sova | 335,360 |
| Soyo | 365,366,433 |
| Spectra | 304 |
| Spectravision | 006,033,034,040,043,301 |
| Spectricon | 002,011 |
| Squareview | 038,290 |
| SR1740 | 032,038 |
| SSS | 006,041,062,151,184 |
| Standard Components | 045 |
| Star Sight | 202 |
| Starlite | 006,041,046,062 |
| Sunbrite | 427 |
| Superscan | 025,109,201,325 |
| Supersonic | 330 |
| Supra | 151,214 |
| Supremacy | 013,043,279 |
| Supreme | 001,149 |
| SV1740 | 018 |
| SVA | 078,110,306 |
| Sylvania | 001,006,007,009,010,014,015,018,020,024,026,032,034,038,040,043,044,141,151,155,205,210,253,257,267,285,290,309,325,435 |
| Symphonic | 001,006,038,040,041,062,141,168,290,309,325 |
| Syntax | 130,353,374,375 |
| Tandy | 013,025,035,045,165 |
| Tatung | 001,002,012,015,019,139,150,298 |
| Teac | 029,032,034,049,069,072 |
| Technics | 015,018,019,047,194 |
| Technisat | 488 |
| Technol Ace | 040 |
| Technovox | 010 |
| Techwood | 002,015,019,020,021,047,151,155,194 |
| Teknika | 003,006,011,013,018,020,021,024,030,040,041,043,052,055,062,127,133,151,152,155,184,193,230,275,279 |
| Telecaption | 239 |
| Telecolor | 004 |
| Telefunken | 020,071 |
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| Tera | 151,287 |
| Tevion | 298 |
| Thomas | 006,013,014,020,141 |
| Thomson | 014,133 |
| TMK | 006,020,039,041,046,151,155 |
| Tnci | 004 |
| Tocom | 033 |
| Tomashi | 049 |
| Toshiba | 021,028,030,032,033,035,036,052,063,096,102,123,125,127,128,136,137,191,230,239,241,257,275,283,312,318,320,328,422,440,473 |
| Tosonic | 042 |
| Totevision | 013,015 |
| Toyomenka | 006 |
| Truetone | 015,019,047 |
| Trutech | 355,363,378 |
| TVS | 055 |
| Uher | 006 |
| Ultra | 006,013,024 |
| Unitech | 013 |
| Universal | 008,014,218 |
| Universum | 011,029,037,039 |
| V | 109,115,138,139 |
| Vidtech | 151,152,155 |
| View Sonic | 066,108,109,115,138,188,342,377,469 |
| Viking | 279 |
| Viore | 347,428,442 |
| Vivtor | 199 |
| Visio | 109,115,138,139 |
| Vizio | 109,115,139,343,450 |
| Vector Research | 010 |
| Victor | 017 |
| Vidikron | 018 |
| Vidtech | 006 |
| Viking | 021 |
| Wards | 001,003,004,005,006,007,008,010,012,013,014,015,018,020,025,026,031,032,035,036,040,043,044,046,125,133,151,152,155,168,193,205,210,218,240 |
| Waycon | 033 |
| Welton | 006 |
| Westinghouse | 001,054,115,117,237,379 |
| White-Westinghouse | 040,046,054,055,061,117,213,225,249,309,340,470 |
| World | 041,046,054,055 |
| XR 0680 | 003,026,032,038,040,041 |
| Yamaha | 006,010,084,097,151,152,155,275 |
| Yorx | 010 |
| Zenith | 001,003,004,006,010,013,014,024,025,028,029,038,039,055,071,123,128,141,142,151,155,180,181,192,198,202,212,235,249,250,253,262,308,309,311,314,315,316,318,398 |
| Zonda | 002,086 |

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| BRAND | TV | VCR |
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| Broksonic | 458 | |
| Mitsubishi | 415 | 495 |
| Samsung | | 494 |
| Sansui | 443 | |
| Sanyo | | 493 |

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| BRAND | TV | |
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| Sony | 397 | |

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| Philips | 181 |
| Pioneer | 163 |
| Proscan | 018 |
| Radio Shack | 215 |
| RCA | 018,195,213,214 |
| Samsung | 153 |

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| Sylvania | 143 |
| Toshiba | 181,201 |
| Winegard | 217,218 |
| Zenith | 046, 222 |

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| BRAND | DVD |
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| 3D LAB | 002,008,527,528 |
| Accurian | 023,024,034,039,047,094,101,539 |
| Acesonic | 300 |
| Advent | 195 |
| Afreey | 136 |
| Aiwa | 018 |
| Akai | 025,027,055,120,151,289,294,477 |
| Alba | 021,029 |
| Allegro | 031,127,312,540 |
| Ames | 147 |
| Amw | 192,193 |
| Anaba | 223 |
| Anam | 104 |
| Apex | 021,038,112,116,117,125,140,146,152,154, 169,188,206,482,483 |
| Apex Digital | 006,021,029,038,043,057 |
| Arrgo | 059,529 |
| Aspire | 202 |
| Aspire Digital | 093 |
| Astar | 282 |
| A-Trend | 118 |
| Audiovox | 023,029,065,071,072,194,298 |
| Axion | 023,065,194 |
| B&K | 237 |
| Blaupunkt | 029,146 |
| Blue Parade | 011 |
| Blue Sky | 021,025,134,305 |
| Body Sonic | 136 |
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| Broksonic | 025,051,541 |
| California Audio Labs | 001,531 |
| Cavs | 296 |
| Celestial | 057 |
| Centrex | 021 |
| Centrios | 039,161,194,217,251,252,256,257,258,259,261 |
| Changhong | 125 |
| Cine Vision | 031,045,054,127 |
| Cinea | 044 |
| Cinego | 091 |
| Citbch | 264 |
| Citizen | 056,264,484 |
| Clairtone | 011 |
| Classic | 125,147,248 |
| COBY | 021,068,070,173,191,198,213,214,280,288,292,293,304,560 |
| Concept | 146 |
| Conia | 021 |
| CPX | 205,212 |
| Craig | 044 |
| Creative | 002,008 |
| Criterion | 160 |
| Curtis Mathes | 521 |
| Curtis International | 198,199 |
| Cyber Home | 041,053,059,060,118,207,242,523 |
| Cyber Vision | 108 |
| Cytron | 027,044,114 |
| Daewoo | 027,031,036,045,078,080,081,155,156,159,230 |
| Denon | 001,017,121,138,507 |
| Denzel | 144 |
| Desay | 093 |
| Diamond Vision | 172,175,215 |
| Digital Max | 102 |
| Digitrex | 021 |
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| Disney | 022,086,168 |
| DiVi Do | 027 |
| Drive | 283 |

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| Dual | 022,044,064,067,144,281 |
| Durabrand | 044,073,127,161,277,278,279 |
| DVD 0932 | 003 |
| DVD 1710 | 126 |
| Eigervision | 297 |
| Electrohome | 056 |
| Elta | 150,151 |
| Emerson | 022,031,042,127,167,168,208 |
| Enterprise | 031 |
| Entivo | 002,008 |
| Esa | 042,064 |
| Fahrenheit | 222 |
| Fisher | 135 |
| Funai | 022,042,088,167,168 |
| Gateway | 077,550 |
| GE | 004,029,040,130,146 |
| General Electric | 029 |
| Gold Star | 031,127 |
| Go Video | 012,028,029,031,032,035,045,066,069,077,087,129,142, 147,165,166,179,230,555 |
| Go Vision | 023,065 |
| Gradiente | 001,110,111,134 |
| Greenhill | 029,146 |
| Grundig | 008,027 |
| Haaz | 030,163 |
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| Harman/Kardon | 143 |
| Hitachi | 011,012,020,082,113,129,137,144 |
| Hiteker | 021 |
| HP | 486 |
| Humax | 187 |
| ILO | 089,221,262 |
| Infinity | 136 |
| Initial | 029,146,262,276 |
| Insignia | 031,042,127,146,167,182,194,481,491 |
| Integra | 011,014 |
| IRT | 035 |
| JBL | 143 |

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| JMB | 025 |
| JVC | 008,010,013,050,123,128,178,196,225,480,499,551,559 |
| Jwin | 116,172,174,291,534,536 |
| Kawasaki | 047,161 |
| Kenwood | 001,007,121,145 |
| Kiss | 144 |
| KLH | 029,057,075,112,146,183 |
| Kloss | 006 |
| Konka | 131,132,133,182 |
| Koss | 057,114,134 |
| Kxd | 173 |
| Lasonic | 014,163,215 |
| Lecson | 099 |
| Lenoxx | 073,151,201,278 |
| Lexicon | 500 |
| LG | 031,127,231,501,546 |
| Linn | 158 |
| Liteon | 062,077,094,177,179,221,241,462,548,552 |
| Loewe | 031 |
| Logix | 035 |
| Magnasonic | 022 |
| Magnavox | 002,008,019,022,042,123,167,168,189,190,228,238,239, 240,502,526,530,532,533,535 |
| Malata | 553 |
| Marantz | 002,008,022,123,127,139,240 |
| Maxent | 180,196 |
| McIntosh | 099 |
| Memorex | 025,044,086,247,299,474,506,514,519 |
| Meridian | 123 |
| Microsoft | 004,100,130 |
| Microvision | 186 |
| Minato | 033 |
| Mintek | 029,146 |
| Mitsubishi | 003,098,126,485 |
| Mustek | 147 |
| Myron&Davis | 224 |
| NAD | 031,127,149 |

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| Nakamichi | 148 |
| NEC | 031,037,127 |
| Nesa | 029,146,224 |
| Nexxtech | 036,064,081,092,112,161,203,219,249,251,252,253,254, 260,261 |
| Norcent | 056,070,197,198,241 |
| Onkyo | 002,014,123,234,509,558 |
| Optimus | 011 |
| Oppo | 505 |
| Orion | 025,119 |
| Oritron | 134,257 |
| Pacific | 044 |
| Palsonic | 021 |
| Panasonic | 001,002,011,026,090,096,097,103,113,121,216,229,233, 471,490,520,544,557 |
| Philco | 030,048,109 |
| Philips | 002,008,019,022,046,084,085,123,134,139,167,168,228, 238,239,240,285,306,489,545,549 |
| Philips Magnavox | 008,123,139,238,239 |
| Pianodisc | 060 |
| Pioneer | 005,011,016,184,227,235,236,275,503,547 |
| Piva | 266 |
| Polaroid | 057,068,112,220,303 |
| Polk Audio | 008,123,240 |
| Portland | 036,151 |
| Power Acoustik | 290 |
| Presidian | 022,023,102 |
| Proceed | 021 |
| Proline | 134 |
| Proscan | 004,130,171 |
| Prosonic | 070 |
| Protron | 197 |
| Pyle | 185 |
| Radio Shack | 011,105,106,161,164,470 |
| Radionette | 031 |
| RCA | 004,011,029,058,074, 086,104,105,130,134,146,161,164,171,522,554 |
| Realistic | 011 |
| Regent | 201,277 |

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| Reoc | 033,163 |
| RIO | 031,127 |
| RJ Technology | 267,286 |
| Rosen | 200 |
| Rotel | 013,128 |
| Saba | 106 |
| Sampo | 033,136 |
| Samsung | 001,012,032,055,066,129,165,166,210,287,478,479,488,498 |
| Sansui | 025,119,226 |
| Sanyo | 022,025,052,088,135,161,181,476 |
| Schneider | 035 |
| Schwaiger | 033 |
| Sears | 119,167 |
| Seg | 144 |
| Selectron | 268,269,270,271,272,273,274 |
| Semp | 114 |
| Sensory Science | 077 |
| Sharp | 015,022,033,083,122,176,512,524 |
| Sherwood | 141,510 |
| Shinco | 146 |
| Shinonic | 006,029,146 |
| Slim Art | 036 |
| Sonic Blue | 012,028,031,035,069 |
| Sony | 006,049,095,099,115,124,243,244,245,246,473,487,537,538,543 |
| Soundstorm | 185,186 |
| Sova | 072,284 |
| Sungale | 214,218 |
| Superscan | 042,167 |
| Supersonic | 212 |
| SV 1710 | 167 |
| SVA | 021,029,033 |
| Sylvania | 015,022,042,167,168,511,556 |
| Symphonic | 022,042,088,167,168 |
| Tascam | 128 |
| Teac | 011,029,127,161 |
| Techa Digital | 011 |

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| Technics | 001,026,121 |
| Techwood | 008,149,263 |
| Terapin | 211 |
| Tevion | 030,044,064,114,160,162,163 |
| Theta Digital | 011 |
| Thomson | 004 |
| Tiquidvideo | 194 |
| Tivo | 184,187 |
| Toshiba | 002,008,012,025,061,076,123,232,295,301,373, 475,515,516,525,542 |
| Tredex | 209 |
| Trutech | 230,250,302 |
| TYT | 027 |
| United | 161 |
| Universum | 031 |
| Urban Concepts | 002,008 |
| US Logic | 029 |
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| Visio | 063,079 |
| Vizio | 063,079,513 |
| Westinghouse | 244 |
| Wharfedale | 136,157 |
| White Westinghouse | 168 |
| X-Box | 004,100,130 |
| Xenius | 114 |
| Yamaha | 001,008,009,155,238,239,504 |
| Yamakawa | 144,153,255 |
| Zenith | 002,031,123,127 |
| Zeus | 036 |
| Others | 107,265 |

Blue-ray DVD

| BRAND | DVD |
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| HP | 486 |
| Denon | 507 |

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| Memorex | 506 |
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| Oppo | 505 |
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| Sony | 487 |
| Sylvania | 511 |
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| Panasonic | 471 |
| Toshiba | 472 |

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| BRAND | DVD |
| California Audio Labs | 531 |
| COBY | 560 |
| Gateway | 550 |
| JVC | 551,559 |
| Liteon | 552 |
| Magnavox | 530 |
| Memorex | 474 |
| Panasonic | 544,557 |
| Philips | 545,549 |
| Pioneer | 547 |
| Sony | 473,543 |
| Toshiba | 542 |

DVD/VCR COMBOS

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| BRAND | DVD | VCR |
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| Sony | 244,245,246,351,372,456,463,465 |
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| TiVo | 184,187,349,351,373,440,441,455,456,465,496 |
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| Accele | 445 |
| Admiral | 313,318,319,321,322,327,333,342,374 |
| Adventura | 307,336,339,372 |
| Aiko | 393 |
| Aiwa | 307,312,339,361,372,375,403 |
| Akai | 331,375,376,377,378,379,394,418,435 |
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| Alienware | 372 |
| Allegro | 312,313,361,388,390,432 |
| A Mark | 307,336,372 |
| American High | 311,325,412 |
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| Audio Dynamics | 324,382,457 |

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| Audiovox | 312,372 |
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| Beaumarck | 336,445 |
| Bell&Howell | 307,311,313,317,319,327,342, 402 |
| Broksonic | 119,226,308,328,333,342,369,385,392,395,396,410,422 |
| Calix | 312,372 |
| Candle | 312,372,382,386,387,389,445 |
| Canon | 311 |
| Cannon | 321,412,437 |
| Capehart | 308,322,432 |
| Carrera | 336 |
| Carver | 311,325,344 |
| CCE | 393,446 |
| Cine Vision | 312,361 |
| Citizen | 307,311,312,333,336,342,368,372,382,386,387,389,393,445 |
| Classic | 372 |
| ColorTyme | 311,316,321,382 |
| Colt | 307,446 |
| Craig | 312,318,336,372,445,446 |
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| Crosley | 307,311,325,329 |
| Curtis Mathes | 307,311,321,330,336,340,341,344,358,375,382,391,412,434,445,448 |
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| DBX | 324,382,457 |
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| Durabrand | 312,313 |
| Dynatech | 307,336,339,375 |
| Eknika | 312,339,375,412,429 |
| Electrohome | 307,312,315,321,333,336,372,394 |
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| Emerald | 328 |
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| Emerson | 167,168,307,308,312,315,328,332,333,336,339,342,346,368,369,370,372,375,379,381,385,386,391,392,393,394,395,396,397,398,399,400,401,402,403,404,410,411,412,416,422,429,433,438,445 |
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| Fisher | 307,313,317,318,323,327,344,382,402,405,419 |
| Fuji | 310,311,377,412 |
| Fujitsu | 307 |
| Funai | 167,168,307,339,346,370,372,375 |
| Garrard | 307,339 |
| Gateway | 372 |

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| GE | 307,311,319,321,329,332,336,352,358,406,412,423,423,439,445 |
| GE Homeminder | 466 |
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| Genexxa | 307,372 |
| Gold Star | 307,311,312,313,343,361,366,372,375,382,432,436,442 |
| Goodmans | 307,322,325,372 |
| Go Video | 336,340,347,350,361, 129,142,166,230,445,453 |
| Gradiente | 307,312,339 |
| Granada | 314,325 |
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| Harley-Davidson | 307,339 |
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| Harwood | 446 |
| Headquarter | 317,402 |
| Hewlett Packard | 372 |
| HL-Q | 307,311,318 |
| Hitachi | 307,311,314,316,326,337,372,375,418,443,454 |
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| Hytek | 307,318 |
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| Insignia | 031,312 |
| Instant Replay | 375,412 |
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| JC Penney | 266,312,321,324,337,382,402,412,418,445,454,457 |
| JCL | 412 |
| Jensen | 324,418,454 |
| JVC | 050,178,320,324,364,382,390,402,418,457 |
| KEC | 372 |
| Kenwood | 317,324,382,402,418,457 |
| KLH | 446 |
| Kodak | 311,312,372,412 |
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| LG | 031,312,336,343,361,372,375,432,436 |
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| Lloyd | 339,375 |
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| Magnasonic | 307,336,346,368,372 |
| Magnavox | 167,189,228,307,311,313,319,321,325,329,336,344,346,349,370,371,372,374,375,383,408,409,412,432 |
| Magnin | 336,445 |
| Marantz | 311,322,324,325,344,382,402,410,412,437,457 |
| Marta | 312,372 |
| Matsui | 372,333 |
| Matsushita | 311,325,330,341,364,412 |
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| MEI | 311,412 |
| M Electronic | 336 |
| Media Center PC | 372 |
| Memorex | 307,311,312,313,317,318,319,322,327,330,333,336,337,338,339,341,342,344,364,366,367,372,374,375,402,412,419,422,432,435,445 |
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| MGA | 315,321,336,394,411 |
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| Midland | 336,406 |
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| Minolta | 314, 337,454 |
| Mitsubishi | 307,314,315,318,319,321,324,352,394,411,413,414,454,457,495 |
| Montgomery Ward | 374,415 |
| Motorola | 311,319,374,412 |
| MTC | 307,336,339,375,445 |
| MTX | 307 |
| Multitech | 307,313,375,339,406,445,446 |
| NAD | 320,327,336 |
| NEC | 324,327,382,391,402,410,416,417,418,457 |
| Nexxtech | 112,161,431 |
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| Optimus | 307,311,312,372,318,319,320,322,327,330,336,340,341,345,346,350,359,364,367, 374,445,450 |
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| Orion | 307,308,327,328,333,336,342,369,395,422 |
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| Panasonic(National) | 090,307,311,321,330,335,341,347,348,358,364,367,412,472 |
| Penney | 307,311,314,318,324,325,330,336,358,366,372 |
| Pentax | 314,337,382,454 |
| Philco | 307,312,321,325,333,342,344,383,412 |
| Philips | 167,307,311,316,319,322,325,330,333,344,348,349,360,408,409,412,440,441,455,458,461,562 |
| Philips Magnavox | 344,374,409 |
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| Pioneer | 266,275,314,320,324,325,330,420,454,457 |
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| Quarter | 317,402 |
| Quartz | 311,317,318,402 |
| Quasar | 308,311,321,330,341,358,364,367,412 |
| Radio Shack | 307,311,312,372,317,318,319,321,322,323,327,330,336,337,338,339,350,364,374,375,394,402,412,415,435,439,445,450 |
| Radix | 312,372 |
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| RCA | 130,307,311,312,314,316,319,320,321,329,332,336,337,350,352,358,376,406,412,421,423,424,425,426,439,445,454 |
| Realistic | 307,311,312,372,317,318,319,321,322,323,327,328,330,336,338,339,364,374,375,394,402,412,415,435,445,450 |
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| Runco | 313,432 |
| Samsung | 066,166,210,307,316,321,336,340,349,356,378,386,435,445,448,454, 494 |
| Samtron | 336,445 |
| Sanky | 313,319,374,432 |
| Sansui | 119,226,307,308,324,333,336,342,369,395,418,422,457 |
| Sanyo | 307,317,318,327,336,337,342,380,402,419,445, 493 |
| Scott | 315,316,328,385,386,392,396,399,411,438 |
| Sears | 119,167,266,307,310,311,312,313,314,315,316,317,318,319,320,321,323,324,327,330,333,337,344,366,372,402,405,412,454 |
| Sharp | 307,309,318,319,322,352,354,374,375,387,394,401,415,449,450 |
| Shintom | 307,313,336,377,444,446,447,454 |
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| Zenith | 307,310,312,313,324,333,342,361,362,369,372,374,375,377,380,388,390,393,401,409,422,432,436,443,444,448,453,457 |
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