

# ***hama***<sup>®</sup>

THE SMART SOLUTION

**Universal Fernbedienung**

**Codelist**

**Universal Remote Control**

**00040081**

## Device Brand Code List

### TV

| Brand         | TV  |
|---------------|---|
| Accent        | 023,332,376,393   |
| Acme          | 004,010,313   |
| Acura         | 010,309   |
| Action        | 376   |
| ADA           | 015   |
| ADC           | 002,006   |
| Adcom         | 360   |
| Addison       | 350   |
| Admiral       | 001,002,003,020,050,054,109,187,196,197,234,308,376,408,426,454,465   |
| Adyson        | 004,186,210,213,296   |
| AEA           | 332   |
| AEG           | 276   |
| Agashi        | 185,187,212,214,296,377,381   |
| Agazi         | 003,308   |
| Agb           | 124   |
| Agef          | 234   |
| Aiko          | 004,005,010,023,296,309,332,376,382,392   |
| Aim           | 023,332,381,391,400,416,430   |
| Aiwa          | 088,213,318,339,367   |
| Airis         | 500   |
| Akai          | 007,009,010,011,012,023,052,062,064,069,070,071,134,142,170,185,221,261,269,296,309,311,314,317,332,333,340,376,377,378,381,382,391,392,400,401,405,407,414,433,434,449,453,471,506 |
| AKI           | 185,382   |
| Akiba         | 012,023,101,212,332   |
| Akito         | 023,026,332   |
| Akura         | 003,012,016,023,072,101,185,191,212,308,311,332,376,393   |
| Alba          | 309,311,317,326,332,378   |
| Albe          | 004,010,012,023,028,029,054,063,069,087,163,170,184,185,187,195,198,215,217,296   |
| Albiral       | 038,185,207,377,378,381,393,415,416,417,418,468,469,470   |
| Aleyon        | 209   |
| Alkos         | 165   |
| Alhori        | 382   |
| Allorgan      | 021,027,195,212,219,382   |
| Allstar       | 023,052,332   |
| Amplivision   | 004,198,207,214,228,382,416   |
| Amstrad       | 003,010,012,014,023,031,069,070,072,075,109,124,226,308,309,317,332,341,376,393,454   |
| Anam          | 010,066,110,332,309,356   |
| Anam National | 332,356   |
| Anglo         | 010,309,393   |
| Anitech       | 003,010,016,023,044,110,183,184,209,231,256,308,309,332,376,377,380,381   |
| Ansonic       | 010,015,023,198,275,309,332   |
| Antecno       | 392   |
| Aoc           | 261   |
| Arcam         | 296   |
| Arcam delta   | 004   |
| Arcelik       | 377,378,387,388,399,451   |
| Arc en ciel   | 046,127,140,204,207   |
| Ardem         | 098,311,451   |
| Aristona      | 016,023,052,170,195,332   |
| A.R.Systems   | 023,332,377,415,416   |

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|               |   |
|---------------|---|
| Arthur Martin | 159   |
| Art-tech      | 212, 377  |
| ASA           | 001,017,018,019,050,111,234,407,438,440,441,442,465,506                                 |
| Asberg        | 023,044,052,182,187,195,209, 332,377,380,381,401  |
| ASDA          | 504   |
| Astra         | 010,309,332,376, 377  |
| Astro sound   | 207,212, 377,378,416  |
| Asuka         | 003,004,012,101,212,214,218,296,308,378,392   |
| Ataki         | 411   |
| ATD           | 430   |
| Atlantic      | 004,021,022,023,052,170,182,197,296,332,377   |
| Atori         | 010,309   |
| Atoro         | 376   |
| Audiosonic    | 004,010,012,021,023,052,140,170,198,309,311,332,376,377,382,392,393,399,415,419,451,481 |
| Audio Star    | 392,411   |
| Audioton      | 004,182,198,231,233,376,382,392,411   |
| Audioworld    | 430   |
| Aurora        | 376,382,400,426   |
| Ausind        | 044,209,212   |
| Autovox       | 001,003,004,021,044,058,102,126,209,234,308,376,377,382,396,400,453                     |
| Avtex         | 508   |
| AWA           | 023,296,332,376,377,381,382,400,446,453   |
| Axxon         | 311   |
| Baile         | 345   |
| Baird         | 140,185,186,200,232,409, 453  |
| Bang&olufsen  | 001,234, 377,381,426  |
| Barco         | 409,417,418,426   |
| Barcom        | 210   |
| Basic line    | 010,012,023,052,101,184,186,212,309, 332,377,389,392,395,396                            |
| Bastide       | 004   |
| Baur          | 023,077,098,119,133,142,170,332,367,376,377,381,385,386,395,396,404,405,410,433,437,444 |
| Bazin         | 183,185,201,217,382,403   |
| BBK           | 474,475,476,477,486,487,488   |
| Beaumark      | 261   |
| Beijing       | 263,345   |
| Beknteknik    | 228   |
| Beko          | 008,023,035,084,198,214,228,311,332,342,377,378,387,388,399,403,451,471,483             |
| Belson        | 503   |
| Bennett       | 332   |
| Beon          | 023,052,170, 332,401  |
| Best          | 114,115,198   |
| Bestar        | 023,052,116,198,228,321,332   |
| Bifonic       | 376,382   |
| Bigston       | 376,393,400   |
| Binatone      | 004   |
| Black diamond | 326,332   |
| Black star    | 130   |
| Blacktron     | 101,212   |
| Blackway      | 101,212   |
| Blaupunkt     | 009,113,120,136,179,385,386,415,433,446   |
| Blausonic     | 207, 382  |
| Blue sky      | 012,023,101,212,228,311,332,377,483,503   |
| Blue Star     | 101,121,378   |

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|            |   |
|------------|---|
| Bondstec   | 130   |
| Boots      | 004,026   |
| Boston     | 208,218   |
| BPL        | 023,096,101,121,278,332,436   |
| Brandt     | 037,046,047,127,128,140,204,360   |
| Bravo      | 505   |
| Brendstar  | 376   |
| Brinkmann  | 023,332   |
| Brion vega | 001,023,052,058,170,208,234,332,343,377,391,408,426,454   |
| Bristol    | 208   |
| Britannia  | 004,296,377,382,406   |
| Bruns      | 001,008,040,227,234,405,426,427,469,470   |
| BSR        | 027,132,197,210,212,215,403   |
| BTC        | 012   |
| Bush       | 010,012,020,023,025,026,028,029,033,052,063,069,101,116,121,132,133,140,168,170,276,309,311,317,320,321,326,332,333,337,378,404,411,430 |
| California | 195   |
| Capsonic   | 003,214,308,377,393   |
| Carad      | 023,332   |
| Carena     | 023,212,214,332   |
| Carrefour  | 028,332   |
| Cascade    | 010,023,309,332   |
| Casio      | 023,201,332,377   |
| Cathay     | 023,052,170,332   |
| CBM        | 380   |
| CCE        | 023,332   |
| Celestial  | 471   |
| Centrum    | 325,326   |
| Centurion  | 023,052,170,332   |
| Century    | 001,191,234,426,468   |
| CGE        | 044,054,130,132,187,198,204,209,376,377,378,380,381,392,399,401,403,468   |
| CGM        | 226,233,376,377,393,399,411,451   |
| Changcheng | 345   |
| Changhong  | 165,241,242,245,246,247,248,264,278,279,288,471   |
| CIE        | 196,212,226,376,392,400   |
| Cihan      | 214,377,378,381,403   |
| Cimline    | 010,029,212,213,309   |
| Cinex      | 276   |
| City       | 010,309   |
| Clarivox   | 038,040,170,332,377,381,415,416,419,424,425,426,427,468   |
| Classic    | 505   |
| Clatronic  | 003,004,010,012,023,031,044,052,084,130,185,198,209,212,214,308,309,311,332   |
| CME        | 505   |
| Cofadel    | 204   |
| Colombia   | 228   |
| Colombus   | 182   |
| COM        | 505   |
| Computron  | 376,377,381   |
| Concorde   | 010,309,376   |
| Condor     | 004,022,023,052,084,101,182,184,187,198,211,296,332,376,377,380,381,393,401,469,470   |
| Conel      | 505   |
| Conrac     | 483   |
| Conrad     | 332   |
| Conrowa    | 265,430   |
| Contec     | 004,010,028,030,031,211,212,217,296,309,332,376,382,393,446   |
| Cont.ediso | 204   |

|                    |   |
|--------------------|---|
| Conti              | 377,381   |
| Continental edison | 037,046,047,112,127,140   |
| Cosmel             | 010,309,332,376,419   |
| Cosmos/Tokai       | 376,377   |
| Crezar             | 182,226   |
| Crosley            | 001,044,130,132,209,234,380,397,426,468   |
| Crown/Onwsaky      | 010,023,044,052,054,084,096,115,122,170,198,209,228,309,311,332,350,371,376,377,380,392,393,399,401,411,434,451             |
| Crystal            | 377   |
| Cs electronics     | 004,012,130,296, 392  |
| CTC                | 130   |
| Cte Clatronic.     | 015,187,198,207,210,212,226,377,380,382,392,393, 399,401,468,469,470  |
| Curtis             | 381   |
| Cybercom           | 308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338 |
| Cybermaxx          | 308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338 |
| Cybertron          | 012   |
| Cymatic            | 378,382,415   |
| Cytron             | 308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338 |
| D-Vision           | 332   |
| Daewoo             | 004,010,023,052,059,095,116,196,261,296,309,321,332,345,376,377,381,382,391,392,400,453,468                                 |
| Dainichi           | 012,212,296   |
| Dansai             | 003,023,052,170,212,296,308,332,393   |
| Dantax             | 035,149,162,198,213,311,326   |
| Darwin             | 505   |
| Datronc            | 196,211   |
| Datsura            | 096,122   |
| Dawa               | 023,195,332,377,381   |
| Daytek             | 430   |
| Dayton             | 010,309   |
| Daytron            | 023,196,332   |
| Dayu               | 345   |
| Deawoo             | 023   |
| Decca              | 004,011,023,026,031,052,124,170,332,377,381,382,415,453,466   |
| Decca(uk)          | 229   |
| De Graaf           | 007,020,034, 404  |
| Deitron            | 023,332   |
| Denko              | 185,214   |
| Denver             | 211,212,332,376,377   |
| Desmet             | 023,052,170,182,332,376, 377,378,381,415  |
| Diamant            | 023,332   |
| Diamond            | 376,400,430   |
| Dick smith         | 511   |
| Digatron           | 332   |
| Digiline           | 023,213,332   |
| DigiLogic          | 332   |
| Digital            | 212   |
| Digitor            | 332   |
| Dik                | 332   |
| Dixi               | 010,023,040,052,170,309,332,376   |
| Domeos             | 377   |
| Domland            | 219   |
| Domoh              | 182,377   |
| Doric              | 397   |

|              |   |
|--------------|---|
| Drean        | 023   |
| DSE          | 276   |
| DTS 010,309  |   |
| Dual         | 004,023,064,090,126,127,132,140,161,185,195,197,207,211,219,308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,332,333,334,335,338,376,377,378,381,382,395,396,405,437,440,454,459,468 |
| Dual-Tec     | 004,010,132,197,309   |
| Dumont       | 001,004,015,018,019,234, 377,380,381,401,426,438,440,441,442,469,470  |
| Durabrand    | 261,332   |
| Dux          | 023,170,195,332   |
| Dynamic      | 376   |
| Dynisty      | 377,400   |
| Dynatron     | 023,052,170,332   |
| Easy Living  | 333   |
| Edan Line    | 377,409   |
| Elbe         | 023,038,109,158,180,198,275,332,378,382,397,408, 415,416,446,454  |
| Elcit        | 001,234   |
| Electa       | 121   |
| Electro Tech | 010,309,376   |
| Elekta       | 101,332   |
| Elektronska  | 207,378, 415  |
| Elfunk       | 007   |
| ELG          | 023,332   |
| Elin         | 004,017,019,023,052,170,181,186,197,233,296,332,376,377,381,382,405,407,440   |
| Elite        | 012,022,023,052,179,184,197,332   |
| Elman        | 015,132, 207,213,378, 469,470   |
| Elsay        | 184,229   |
| Elta         | 010,296,309   |
| Emerson      | 001,023,101,128,142,234,261,311,332,377,378,380,381,382,393,426,441,468,469,470   |
| Emperor      | 101   |
| Engel        | 207,227,378, 427  |
| Erae         | 503   |
| Erres        | 016,023,052,170,332   |
| ESC          | 023,332   |
| Essentiel    | 509,510   |
| Essentiel B  | 035,169,172,224,257,280,322,340,509,510   |
| Estel        | 207   |
| Etron        | 010,023,309,332,376,434   |
| Eurocom      | 207,212, 378  |
| Euro-Feel    | 003,308   |
| Euroline     | 089,170,505   |
| Euroman      | 023,185,196,198,212,214,296,332,377,381,382   |
| Euromann     | 003,004,052,115,308   |
| Europa       | 023,228,332   |
| Europhon     | 004,015,023,026,052,073,124,132,207,226,332,378,382,415,468,469,470   |
| Eurotronic   | 228   |
| Evesham      | 333   |
| Excel        | 332   |
| Expert       | 021,186,188,197,395,450   |
| Exquisit     | 023,332   |
| Fagor        | 332,378,379   |
| Fair tec     | 503   |
| Falcon       | 376   |
| Famiy life   | 332   |
| Fenner       | 010,116,184,191,195,212,309,321,376,377,381,400   |



|                 |   |
|-----------------|---|
| Ferguson        | 036,037,038,051,053,082,112,128,164,170,232,332,350,360   |
| Fidelis         | 182,211,376,377,381,382   |
| Fidelity        | 004,020,023,069,097,098,296,317,332,378,382,388,392,395,396,406,421,434,467,468   |
| Filsai          | 217,376,382   |
| Finlandia       | 007,020,111,129,181,186,200, 403,404  |
| Finlux          | 001,004,011,015,017,018,019,023,044,052,064,111,124,132,158,168,170,181,209,225,234,276,311,314,315,332,376,397,401,407,413,414,415,438,440,441,442,453,469,470,483,506 |
| First Line      | 004,010,023,027,052,063,130,183,296,309,311,332,376,377,381,382,395,396,468,483,503   |
| Fisher          | 001,004,007,019,028,030,040,041,084,132,195,198,200,211,227,234,382,395,396,397,426,427,440,446,447   |
| Flint           | 023,052,149,183,184,187,196,214,332,377   |
| Formenti        | 001,002,004,022,044,126,132,134,170,182,209,234,296,332,376,377,378,380,381,382,393,397,399,401,403,415,426,469,470   |
| Fortress        | 001,002,234,426   |
| Fraba           | 023,198,332   |
| France Concept  | 184   |
| Friac           | 023,332   |
| Frontech        | 003,010,020,050,069,119,130,183,184,191,213,308,309,317, 376,404  |
| Fujitec         | 377   |
| Fujitsu         | 011,021,197,207,212,332,392,442,454   |
| Fujitsu Siemens | 333,483   |
| Funai           | 003,027,211,212,308,346,376,393,446   |
| Future          | 332   |
| G-Luxon         | 500   |
| Galactex        | 382,393   |
| Galaxi          | 023,054,084,332   |
| Galaxis         | 023,198,332,377   |
| Galaxy          | 380,382,399,401,433,438   |
| Galeria         | 196,376   |
| Galway          | 184   |
| GBC             | 010,028,132,226,233,309,376,377,378,381,392,397,400,411,434,446,453,465,468   |
| GBS             | 505,506   |
| GCM             | 195,212   |
| GE              | 261,360,388   |
| Geber           | 389,395,396   |
| GEC             | 004,011,023,042,050,052,124,133,142,170,332,382,395,397,403,404,415,446,453   |
| GEC(UK)         | 186,229,231,256   |
| Geleso          | 376,378,392,397,400,415,468,465   |
| Geloso          | 010,020,132,231,309   |
| General Technic | 010,309,376   |
| Genesis         | 332   |
| Genexxa         | 012,023,050,052,212,332   |
| Germanvox       | 226   |
| Gevalt          | 503   |
| Giant           | 377,381,382,383,384   |
| Gitem           | 377,381,385,386,387,388,389,390   |
| GM              | 376,377, 393  |
| GMG             | 376,377, 393,401  |
| Goldhand        | 231,296   |
| Goldstar        | 004,010,013,020,023,052,085,094,130,132,170,198,206,210,223,261,296,309,311,326,332,344,376,378,377,381,382,404,485   |

|            |   |
|------------|---|
| Goodmans   | 003,010,011,023,028,029,052,069,094,112,116,128,154,170,206,230,308,309,311,317,321,326,332,333,337,345,376,377,378,381,400,481   |
| Gorenje    | 084,115,198,377,395,396,399   |
| GPM        | 012,210,212,376,392   |
| Gradiente  | 023,332,350   |
| Graetz     | 050,142,143,188,311,332   |
| Granada    | 004,007,011,020,023,028,032,041,044,052,055,065,124,128,129,134,135,139,170,209,332,377,381,382,383,384,397,403,404,406,415,417,420,424,429,446,457   |
| Grandin    | 010,012,023,101,121,170,184,309,311,332,378,395,450,503   |
| Great Wall | 393,419   |
| Gronic     | 180,191,212, 377,378,381,382  |
| Grundig    | 009,018,023,044,092,102,117,118,136,137,165,179,185,209,261,332,347,377,381,385,386,391,424,433,479,481,503   |
| GTT        | 187,211,401   |
| H-150a     | 276   |
| H&B        | 483   |
| Haaz       | 338   |
| Haier      | 430   |
| Halifax    | 003,004,296,308   |
| Hallmark   | 261   |
| Hamerstein | 382,393,448   |
| Hampton    | 004,183,226,296,382   |
| Hanimex    | 392   |
| Hankook    | 261   |
| Hanseatic  | 004,008,010,022,023,027,028,052,074,096,101,119,132,142,170,198,234,275,309,311,332,345,376,377,382,385,386,395,396,397,404,405,415,437,446,483   |
| Hantarex   | 010,023,124,309,332,376,377,415   |
| Hantor     | 023,332   |
| Harwood    | 023,186,326,332   |
| Hauppauge  | 023,332   |
| HCM        | 003,004,010,023,075,101,121,200,211,226,308,309,332,376,378,382,411   |
| Hedzon     | 332   |
| Hemmermann | 183,201, 382,395,396  |
| Hexa       | 378,425   |
| Hifivox    | 140,204   |
| Higashi    | 185,382   |
| Highline   | 023,332   |
| Hiline     | 376,393,434   |
| Hinari     | 007,010,012,023,028,044,052,138,170,200,212,213,227,230,309,326,332,376,377   |
| Hisawa     | 012,101,121,149,212,311   |
| Hisense    | 007,165,332,404,409   |
| Hit        | 234   |
| Hitachi    | 004,011,017,020,023,024,028,034,042,045,046,047,048,049,050,086,098,119,124,132,133,139,140,141,142,143,145,165,186,256,258,261,313,332,345,348,378,382,391,395,396,397,403,404,407,414,446,449,461,464,506 |
| Hitsu      | 185,212   |
| Hoher      | 276,311   |
| Horizont   | 306,307   |
| Hornophon  | 023,052,332   |
| Hoshal     | 012,212,233,411   |
| HuanYu     | 004,116,296,321   |
| Hunter     | 432   |
| Hygashi    | 004,296   |
| Hyper      | 004,010,130,132,226,233,296,309,376,377,378,382,392,403,411,434,461   |
| Hypson     | 003,004,023,052,101,121,170,212,214,308,311,332,376,377,381,393   |
| Hyundai    | 276,332   |
| Iberia     | 023,332   |



|                   |   |
|-------------------|---|
| Ibervisao         | 188,207,378,395,396   |
| Ibico             | 196   |
| ICE               | 003,004,010,012,023,052,069,187,210,212,296,308,309,317,332,392,393,434   |
| ICES              | 296   |
| Ict               | 332   |
| IEG               | 382   |
| Imper             | 376,377,381,391,392,393,394   |
| Imperial          | 023,044,050,052,054,084,130,132,187,198,209,332,377,380,381,393,399,401,403,468,378   |
| Imperial Crown    | 345   |
| Indesit           | 025,102   |
| Indiana           | 023,052,170,332   |
| Inf.Rem.Contr     | 413   |
| Ingelen           | 050,188,311   |
| Ingersol          | 010,309   |
| Inno Hit          | 004,010,011,012,023,052,094,124,170,206,209,211,222,309,332,376,377,381,382,392,397,411,415,434,453,468   |
| Innovation        | 003,010,062,068,069,088,104,108,112,116,155,157,169,176,177,178,308,309,314,316,317,318,319,320,321,322,324,325,326,327,328,329,332                             |
| Interactive       | 098,332   |
| Interbuy          | 010,098,110,130,309,332   |
| Interdiscount     | 377,387,388,444,449   |
| Interfunk         | 001,016,023,050,052,098,130,140,142,170,198,234,332,376,377,381,382,387,392,395,396,397,401,405,415,417,434,437,453,468   |
| Internal          | 023,332   |
| Intersound        | 182   |
| Intervision       | 003,004,015,023,101,110,198,308,332,377,378,382,468,469,470   |
| IRC               | 505   |
| Irradio           | 010,012,023,052,069,170,206,209,212,309,317,332,376,377,378,381,392,393,424,434   |
| IRT               | 430   |
| Iskra             | 183,231,378,382,415,451,469,470   |
| Isukai            | 012,023,101,212,332   |
| ITC               | 004,132,184,204,233,378,382   |
| ITE               | 207   |
| ITL               | 196,376   |
| ITS               | 012,023,052,069,101,121,212,296,317,332   |
| ITT               | 010,050,062,133,134,135,142,143,144,188,220,309,314,349,376,377,378,381,389,392,395,396,397,399,400,401,402,403,404,405,406,407,408,409,410,411,412,413,414,506 |
| Itt nokia         | 064   |
| Itt Schaub Lorenz | 376,377,378,395,396,397,398   |
| ITV               | 023,309,326,332   |
| JEC               | 165   |
| Jet Point         | 199,377,448   |
| Jinlipu           | 376   |
| Jinxing           | 430   |
| JMB               | 332,345   |
| John Lewis        | 507   |
| Johnson           | 382   |
| Jubilee           | 332   |
| JVC               | 028,052,069,082,165,189,317,350,356,421,434,446,448,463   |
| Kaiser            | 377   |
| Kaisui            | 004,010,012,023,121,212,296,309,332,376,377,382,392,401,411   |
| Kambrook          | 377,382,393,449   |
| Kamosonic         | 004,382   |
| Kamp              | 004,296   |

|                |   |
|----------------|---|
| Kanghua        | 436   |
| Kangli         | 345   |
| Kapsch         | 021,050,188,197,200,397,440   |
| Karcher        | 004,010,017,023,038,101,170,198,276,309,311,332,376,377,381,382,399,404,411,416,442   |
| Kasai          | 212   |
| Kathrein       | 332   |
| Kauasonic      | 432   |
| Kendo          | 015,020,023,029,098,109,180,183,186,196,197,198,207,213,332,376,397,382,408,454,465,468,469,470                                     |
| Kennedy        | 021,132,182,197,231,387,397,454,468   |
| Kennex         | 182,226,233   |
| Kerion         | 182,212,377,381   |
| KIC            | 382   |
| Kingsley       | 004,296   |
| Klota          | 393   |
| Kloto 332      |   |
| Kiton          | 332   |
| Kitt           | 212,382,393   |
| Kiyogin        | 377   |
| Klarmax        | 378,382,415,416,417,418   |
| Kneissel       | 023,175,180,182,196,198,212,275,332   |
| Kobic          | 376   |
| Koenig         | 397,505   |
| Koerting       | 377,395,396,426   |
| Kolster        | 023,052,191,210,214,332,377,378,381,382,416,468,469,470   |
| Konka          | 012,023,185,238,242,243,244,248,249,254,255,260,261,285,287,289,303,311,313,332,373   |
| Kontakt        | 204   |
| Korpel         | 023,052,170,332   |
| Korting        | 001,022,198,234   |
| Kosmos 023,332 |   |
| Kotron         | 226,393   |
| Koyoda         | 010,309   |
| Kronne         | 180,378,382   |
| KTV            | 004,210   |
| Kuba           | 186,195   |
| Kunlun         | 345   |
| Kuro           | 096,122,200   |
| Kyoto          | 038,217,378,382,415   |
| L&S electronic | 311   |
| Lavis          | 211,415   |
| Leader         | 376   |
| Lecson         | 332   |
| Legend         | 376,377,381,382,393,419   |
| Lenco          | 010,023,226,233,309,332,400,405,469,470   |
| Lenoir         | 004,010,196,199,208,211,309,376,377,381,382,395,396,400,411   |
| Lesa           | 130,191   |
| Levis Austria  | 332   |
| Leyco          | 003,011,023,027,052,170,214,308,332,377,393,453   |
| LG             | 004,010,013,020,023,052,085,089,094,130,132,150,170,198,206,210,223,261,296,304,309,311,326,332,430,485,503                         |
| Liesenk        | 170   |
| Liesenk&Tter   | 332   |
| Liesenkotter   | 023,179,195,332,377   |
| Life           | 003,010,062,068,069,088,104,108,112,116,155,157,169,176,177,178,308,309,314,316,317,318,319,320,321,322,324,325,326,327,328,329,376 |

|                   |   |
|-------------------|---|
| Lifetec           | 003,010,023,062,068,069,088,098,104,108,112,116,155,157,169,176,177,178,211,214,308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338     |
| Listo             | 035,172,257   |
| Lloyd             | 376,382,393,397,424   |
| Local Calcutta TV | 278   |
| Local Chennai TV  | 501   |
| Local Delhi TV    | 269   |
| Loewe             | 023,098,099,198,234,275,332,351,395   |
| Loewe Opta        | 001,052,170,190,377,382,415,437,440   |
| Logik             | 031,421,430,443   |
| Luma              | 020,021,023,052,142,170,186,197,332,454,465   |
| Lumatron          | 020,021,023,052,142,170,308,332   |
| Lux May           | 023,052,332   |
| Luxor             | 004,020,048,064,078,094,102,133,139,142,147,206,313,382,390,397,403,404,405,407,409,422,506   |
| Lxi               | 261   |
| Maaz              | 417,418   |
| Maath-Italia      | 377   |
| Madison           | 023,182,212,332   |
| Magnadyne         | 001,015,124,130,132,170,191,234,376,377,378,381,395,396,397,401,415,426,433,465,468,469,470   |
| Magnafon          | 004,015,044,073,124,181,182,183,195,207,209,296   |
| Magnavox          | 023,332   |
| Magnex            | 377   |
| Magnfon           | 377,397,382,415,438,469,470   |
| Magnum            | 003,010,062,068,069,088,104,108,112,116,155,157,169,176,177,178,308,309,311,312,314,316,317,318,319,320,321,322,324,325,326,327,328,329,332,480,481,482,484   |
| Mandor            | 003,308   |
| Manesth           | 003,004,022,023,029,052,170,182,184,188,213,308,332,377,389   |
| Manhattan         | 023,332   |
| Marantz           | 023,052,170,187,195,332,377,381   |
| Marech            | 182   |
| Marelli           | 001,234   |
| Mark              | 023,052,170,296,311,332,451   |
| Marshall          | 212   |
| Mascot            | 468   |
| Masuda            | 332   |
| Matsui            | 004,005,010,011,014,020,023,026,027,028,029,031,052,063,069,092,124,148,149,165,170,174,213,215,309,311,317,332,376,377,378,382,386,393,395,396,397,404,455   |
| Matsuka           | 382,393   |
| Matsushita        | 066,356   |
| Maxam             | 376,382,393   |
| Maxell            | 376   |
| Maxim             | 276   |
| Maxwell           | 377,415,418,417,469,470   |
| MCE               | 376   |
| McMichael         | 042   |
| Mediascreen       | 214   |
| Mediator          | 016,023,052,170,195,332   |
| Medion            | 003,010,023,062,068,069,088,098,104,108,112,116,155,157,169,176,177,178,211,308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338,430,483 |
| MEGA              | 377,391   |

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|--------------|---|
| Megatron     | 261   |
| MEI          | 332   |
| M-Electronic | 004,010,017,019,037,050,052,069,110,111,116,140,170,309,317,321,376,377,378,381,395,396,397,400,401,407,415,426,438,440,441,442,465,468,469,470   |
| Meletronic   | 023,098,296,311,332,345,386,506   |
| Memorex      | 010,261,309,356   |
| Memphis      | 010,011,114,309,419   |
| Mercury      | 023,332,376,382,393,420,430   |
| Metronic     | 360   |
| Metz         | 001,076,081,136,152,153,218,234,332,385,386,433   |
| MGA          | 261,332,392,393,400,437   |
| Micromaxx    | 003,010,023,062,068,069,088,104,108,112,116,155,157,169,176,177,178,308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338,483 |
| Micron       | 382   |
| Microstar    | 003,010,062,068,069,088,104,108,112,116,155,157,169,176,177,178,308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338,483     |
| MIJI         | 499   |
| Minato       | 332   |
| Minerva      | 018,102,136,185,209,385,386,424,433   |
| Minoka       | 023,052,332   |
| Mirror       | 337   |
| Mitsubishi   | 001,023,028,031,052,055,056,061,098,099,102,136,165,171,192,234,261,276,278,279,326,332,352,365,376,383,384,400,433,437,446   |
| Mivar        | 004,044,074,094,124,193,198,206,209,275,290,291,292,293,294,295,374,375,382,415,505   |
| Morgans      | 023,332   |
| Moti         | 505   |
| Motion       | 044,209   |
| M&S          | 489,490,491,492   |
| MTC          | 098,133,198,378,399   |
| Mtlogic      | 311,481   |
| Multi System | 170   |
| Multitec     | 023,276,332   |
| Multitech    | 004,010,015,020,023,028,044,046,130,132,170,198,207,212,233,296,309,332,376,377,378,382,392,415,437,446,468,469,470   |
| Murphy       | 004,019,134,296,397   |
| Musikland    | 332   |
| Mycom        | 261   |
| Myryad       | 332   |
| NAD          | 142,261   |
| Nagota       | 403   |
| Nagoya       | 207   |
| Naiko        | 023,332   |
| Nakash       | 377   |
| Nakimura     | 023,332   |
| Namsunc      | 376   |
| Naonis       | 020,109   |
| Narita       | 400   |
| National     | 065,102,165,194,284   |
| NEC          | 023,028,057,165,261,331,332,345,350,376,400,416,446   |
| Neckermann   | 001,004,009,020,023,052,084,098,119,133,170,198,332,367,377,381,382,385,386,391,399,403,404,444,465   |
| Necstar      | 432   |
| NEI          | 023,052,069,114,170,183,199,212,317,332,377,378,381,419   |
| Neovia       | 503   |
| Nesco        | 130   |
| Netsat       | 332   |

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|---------------|---|
| Neufunk       | 023,311,332   |
| Newave        | 261   |
| Newmar        | 182,183,207,378,382   |
| Newtech       | 010,023,052,309,332,377,382   |
| New World     | 012   |
| Nicamagic     | 004,296   |
| Nikkai        | 003,004,011,012,023,052,114,165,170,186,205,211,212,296,308,332,382,393   |
| Nikkei        | 226,233,311,377   |
| Nikko         | 261,419   |
| Noblex        | 023,184,199,200,376,400,446,447   |
| Nobliko       | 004,015,018,044,209,296,380,382,424,438,468,469,470   |
| Nogamatic     | 140,204   |
| Nokia         | 050,062,064,133,134,135,142,143,144,188,220,314,315,353,376,377,378,381,389,392,395,396,397,399,400,401,402,403,404,405,406,407,408,409,410,411,412,413,414,506 |
| Nordic        | 212,213   |
| Nordmende     | 023,025,037,046,047,050,052,058,112,127,128,140,204,311,332,333,354,386,387,388,397,449,467   |
| Nordvision    | 170   |
| Nordway       | 217   |
| Normerel      | 332   |
| Nortek        | 233   |
| Nortex        | 377   |
| Novak         | 332   |
| Novatronic    | 023,183,187,212,226,332,376,377,393,400   |
| Nu-tec        | 332,430   |
| Oceanic       | 050,142,143,389,390,395,397,402,403,404,405,407,409,414,450,506   |
| Oceanic(F)    | 188,220   |
| Octal         | 382   |
| Octan         | 195   |
| O.General     | 376,446   |
| Okano         | 023,084,187,198,233,332,399   |
| Olympic       | 376   |
| Omni          | 430   |
| Onceas        | 004,196,211,376,382,468   |
| Onida         | 350,381   |
| Onwa          | 070,196,212,393,401,434   |
| Opera         | 023,332   |
| Optimus       | 356   |
| Orava Slov    | 377,378,426   |
| Orava/OTF     | 376,377   |
| Orbit         | 023,052,332   |
| Orient        | 376,377   |
| Orion         | 010,014,022,023,027,029,031,052,063,076,100,124,143,148,160,170,213,309,311,326,332,340,355,376,377,391,393,395,396,402,403                                     |
| Orion Hungary | 377,381,402,403,421,422,423   |
| Orline        | 023,332   |
| Ormond        | 326,332,377,415   |
| OR-ON         | 411   |
| Orsowe        | 207,377,381,393,415   |
| Osaki         | 003,004,005,011,012,023,075,166,308,332,377,381,393   |
| Osio          | 023,332   |
| OSO           | 012   |
| Osume         | 011,030,332   |
| Other Line    | 415   |
| Otto Versand  | 002,004,009,022,023,028,052,077,098,112,119,121,122,132,133,140,142,170,332,367,376,437,377,381,382,385,386,388,391,396,397,404,405,433,444,446,451             |



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|-----------------|---|
| Pacific         | 311,332   |
| Pacl            | 004,181,185,296,382,424   |
| Palladium       | 004,013,023,084,198,311,332,367,399   |
| Palsonic        | 023,332,377,381,382,392,393,430   |
| Panama          | 003,004,010,023,166,296,308,309,332,377,381,393,468   |
| Panashiba       | 376   |
| Panasonic       | 023,050,065,066,067,068,102,125,142,143,152,153,165,194,261,266,286,316,32,356,385,386,397,436  |
| Panavision      | 023,332   |
| Panavox         | 376,377,397   |
| Panavision      | 393   |
| Panda           | 165,267,430   |
| Panorama        | 376,382,392   |
| Panoramic       | 387   |
| Papouw          | 332   |
| Pathe Cinema    | 004,022,038,074,132,182,207,211,228,275,296,378,382,399,415,416,425   |
| Pathe Marconi   | 038,046,047,127,140,204   |
| Pausa           | 010,309,376   |
| PCM             | 211,377,381   |
| Penney          | 261   |
| Perdio          | 005,011,022,023,182,207,213,332   |
| Perfekt         | 023,332   |
| Pershin         | 424,425   |
| Phillarmonic    | 185,382   |
| Philco          | 001,023,044,054,130,132,141,187,198,209,234,261,332,376,377,378,380,381,395,396,397,399,401,403,416,426,446,468   |
| Philharmonic    | 004,166   |
| Philips         | 001,004,016,023,039,042,044,052,089,090,112,116,132,142,156,170,195,219,234,261,321,323,332,357,377,381,382,385,386,391,401,416,417,426,449,456,472,496,512 |
| Phocus          | 311,312,481   |
| Phoenix         | 001,023,052,170,182,195,198,234,296,332   |
| Phonola         | 001,016,023,052,170,195,219,234,296,332   |
| Pilot           | 332,505   |
| Pioneer         | 037,050,052,098,140,146,170,198,216,332,358,377,381,405,449   |
| Pionier         | 198   |
| Plantron        | 003,023,052,308,332,376,397,403,415,465,468   |
| Playsonic       | 311   |
| Polar           | 305   |
| Poppy           | 010,211,309   |
| Portland        | 377   |
| Powerpoint      | 332,430   |
| Prandoni-Prince | 020,124,142,182,197,207,209,212,397,403,415,465,468,469,470   |
| Precision       | 004,166   |
| Premier         | 394,432,435   |
| Prima           | 010,050,309,376,382,393   |
| Princess        | 376,430   |
| Prinz           | 048,186,195,217,230,313   |
| PRO2            | 308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338                                 |
| Profex          | 010,044,142,309,376,380,405   |
| Profilo         | 326,377,378,381,388,415   |
| Profi-Tronic    | 023,052,332   |
| Proline         | 011,016,023,052,063,184,213,214,332,345,360   |
| Prosonic        | 023,043,108,162,170,198,296,311,320,326,332   |
| Protech         | 003,004,010,015,023,052,114,130,132,133,166,170,308,309,332,377,381,451   |
| Proton          | 261   |



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| Provision    | 023,170,311,326,332   |
| Pvision      | 503   |
| Pye          | 016,023,052,069,170,195,234,317,332,377,381,391,400,417   |
| Pygmy        | 208   |
| Pymi         | 010,309   |
| Qual Craft   | 392,469,470   |
| Quasar       | 130,356,397,469,470   |
| Quelle       | 003,004,017,018,019,023,027,031,052,077,098,130,132,136,142,151,170,206,308,326,332,367,377,381,382,386,393,395,396,405,424,433,437,438,440,441,442,444,447 |
| Questa       | 028   |
| Radialva     | 023,332   |
| Radiola      | 016,023,039,052,170,195,332,377,381,391,417   |
| Radiomarelli | 001,023,124,130,191,332   |
| Radionette   | 017,019,181,188,395,397,440,442   |
| Radio Shack  | 023,261,332   |
| Radioton     | 185,211,451   |
| Radiotone    | 008,023,052,198,332   |
| Raduga       | 307   |
| Rank         | 018,028,397,404   |
| RBM          | 018,397,404   |
| Rc           | 259   |
| RCA          | 032,261,358,360   |
| Realistic    | 261   |
| Recor        | 023,332,377,381,393,437   |
| Record       | 307   |
| Rectiligne   | 023,332   |
| Rediffusion  | 142,397,405   |
| Redstar      | 023,332   |
| Reflex       | 023,332   |
| Regente      | 376   |
| Reoc         | 311,345   |
| Revox        | 023,052,170,190,198,332   |
| REX          | 003,020,021,050,109,158,197,308   |
| RFT          | 001,008,040,198,227,234,275,332,426,451   |
| Ricoh        | 332   |
| RIZ          | 378   |
| R-Line       | 023,052,170,332   |
| Rm-d         | 268   |
| Roadstar     | 003,010,012,023,226,233,308,309,311,332,337,359,376,377,381,392,411   |
| Rob.Electr.  | 426,427   |
| Robotron     | 001,227,234   |
| Rodex        | 332   |
| Rowa         | 332,376,382,393,430   |
| Rowsonic     | 382   |
| Royal        | 376,381,382,392,393,401   |
| Royal Lux    | 198   |
| RTF          | 001   |
| Rubin        | 304,306,307   |
| Rukopir      | 332   |
| Saba         | 001,037,046,047,050,059,112,124,127,128,140,142,143,204,311,356,360,376,377,378,383,387,388,389,397,400,403,415,449,467                                     |
| Saccs        | 038   |
| Sadec        | 212   |
| Sadko        | 307   |
| Sagem        | 101,184   |
| Saisho       | 003,004,010,014,029,031,124,183,213,215,308,309,382,392,400,416   |
| Saito        | 207   |

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| Saivod           | 332   |
| Sakura           | 376   |
| Salora           | 020,048,050,094,096,108,109,119,122,129,132,133,135,139,142,186,206,313,314,320,361,377,389,403,404,405,406,407,409,413,414,441,465,506   |
| Sambers          | 015,044,073,124,181,207,209,211,380,398,415,416,424,438,469,470   |
| Sampo            | 356   |
| Samsung          | 003,004,010,011,023,031,052,084,091,094,105,106,161,166,170,173,198,199,206,261,296,308,309,332,360,362,376,377,381,382,399,448,453   |
| Sandra           | 004,296   |
| Sandra Color     | 195,231,382,415   |
| Sankyo           | 428,429   |
| Sansui           | 023,052,183,196,212,332,376,377,409,411,430,434,500,501,503   |
| Sanwa            | 188   |
| Sanyo            | 004,007,011,017,019,023,028,030,031,032,040,041,044,074,096,128,132,135,161,165,198,200,244,252,275,278,296,332,363,376,382,397,409,410,426,427,429,440,446,447,453,457,458,461 |
| SAR              | 377,378,382   |
| Save 023,332     |   |
| SBR              | 016,023,042,170,332   |
| Schaub Lorenz    | 050,142,143,188,220,311,503,506   |
| Schneider        | 004,012,023,039,052,069,072,126,130,132,140,161,170,311,317,329,332,372,376,377,381,382,378,391,392,395,396,397,403,404,417,434,454   |
| Schneider France | 195,212,219   |
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| Eurosat        | 021,372   |
| Eurosky        | 021,029,031,309,320,435   |
| Eurospace      | 061   |
| Eurostar       | 008,021,080,253   |
| Eutelsat       | 441   |
| Exator         | 003,004,009,247   |
| Exper          | 389   |
| Eycos          | 436   |
| Fair mate      | 441   |
| Fait           | 438,441   |
| Fenner         | 249,435,439,441   |
| Ferguson       | 005,012,014,045,062,064,065,066,337,436,442                                     |
| Fidelity       | 017,019   |
| Filmnet        |   |
| Cablecrypt     | 267   |
| Filmnet        |   |
| Comcrypt       | 267   |
| Finlandia      | 005   |
| Finlux         | 003,005,030,067,072,079,335   |
| Finnsat        | 050,062,337   |
| First line     | 435   |
| FM             | 372   |
| FMD            | 350,433   |
| Fobem          | 384,386   |
| Force          | 148   |
| Formenti       | 435   |
| Fortec Star    | 284,285,286   |
| Foxtel         | 076,132,172, 324  |
| Fracarro       | 133,249,435,438,439,440,441   |
| France         |   |
| Satellite/Tv   | 069   |
| Freecom        | 004,068,439   |
| Freesat        | 439   |
| Frigor         |   |
| electronic     | 433   |
| FTE            | 022,024,051,087,246   |
| FTE maximal    | 438,441   |
| Fuba           | 004,025,029,032,039,040,069,072,122,125,241,243,309,320,325,350,433,435,439,448 |
| Fuji onkyo     | 432,440,447,449   |
| Galaxi         | 025,243   |
| Galaxis        | 010,029,033,050,055,070,076,140,152,153,172,309,317,324,372                     |
| Galaxy         | 325   |
| Galaxy-galaxis | 434,437,441   |
| Gardetech      | 431   |
| Gardiner       | 253   |
| Garnet         | 306   |

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| Gaspel              | 304   |
| GBS                 | 436,438,439,440,441   |
| Gbsat               | 330   |
| GEC                 | 265   |
| Gecco               | 437   |
| Gecko               | 314   |
| Geima               | 344   |
| General satellite   | 076   |
| Globo               | 295,303,314,350,432,435   |
| GMI                 | 021,390,432   |
| Gold                | 386   |
| Goldbox             | 132,140,245,322   |
| Goldbox-D+          | 222,233   |
| Golden Cable        | 400,403   |
| Golden interstar    | 434   |
| Goldmaster          | 362,363   |
| Goldstar            | 068   |
| Goldvision          | 436   |
| Gooding             | 075   |
| Goodmans            | 005,074,328,435   |
| Gradiente           | 191   |
| Granada             | 030   |
| Grandin             | 435   |
| Grothusen           | 004,068,439   |
| Grundig             | 005,009,040,045,075,077,086,124,140,154,172,235,241,251,252,324,441                         |
| G-Sat               | 014,015   |
| H&B                 | 435   |
| Hanseatic           | 095,125,312   |
| Hantor              | 004,019,044,092,439   |
| Hanuri              | 011   |
| Harting Und Helling | 015   |
| HB                  | 330,433   |
| HDT                 | 326,413,414,421   |
| HE@D                | 436   |
| HEDY                | 277   |
| Hellocom            | 024   |
| High Performance    | 082   |
| Hills               | 307   |
| Hinari              | 007,008,014,439   |
| Hirschmann          | 015,039,040,078,079,080,083,122,129,178,179,180,181,241,250,307,313,314,320,335,432,438,440 |
| Hisawa              | 044   |
| Hitachi             | 005,045,115,435   |
| Hne                 | 307   |
| Hoher               | 435   |
| Homecast            | 304,330,415,416,417,420,437   |
| Houston             | 055,244,249,443   |
| Humax               | 076,152,192,193,234,281,442   |
| Huth                | 010,013,021,043,044,050,055,083,244,246,306   |
| Hyundai             | 306,326   |
| Hyundal             | 326,435   |
| ICX                 | 364   |
| Id digital          | 076   |
| Imperial            | 102,125,132,133,242,295,303   |

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| Ingelen           | 433   |
| Inno hit          | 435   |
| Innovation        | 029,085,095,153,156,157,309,311,312,313,317,318,319,320,321                     |
| International     | 441   |
| Intersat          | 377   |
| Interstar         | 330,434   |
| Intertronic       | 021   |
| Intervision       | 055   |
| Italtel-Stream    | 223,224   |
| Itc               | 441   |
| ITT/Nokia         | 005,030,045,048,079,115,122,335,435,441   |
| Jadeworld         | 184   |
| Jaeger            | 295,303   |
| Jeemon            | 372   |
| Jepssen           | 330   |
| Jerrold           | 257,270,364   |
| Johansson         | 044   |
| Jok               | 250   |
| Jsr               | 055,372   |
| JVC               | 003,075,236   |
| Kathrein          | 015,040,042,052,087,088,089,090,098,123,125,177,241,242,247,249,253,254,433,438 |
| Kabel Deutschland | 132   |
| Kaon              | 362,382   |
| Kennex            | 435,440   |
| Kenwood           | 140   |
| Kiton             | 433   |
| Kneissel          | 435   |
| Kocmoc tb         | 172,324   |
| Koenig            | 439   |
| Kongque           | 362,382   |
| Konig             | 436   |
| KONKA             | 465   |
| Kosmos            | 068,083,087,088   |
| KR                | 009,247   |
| Kreiling          | 123,433,435   |
| Kreiselmeyer      | 040,241   |
| Kyostar           | 004,247,431,432,435,439,445,448,449   |
| Kyoto             | 353   |
| L&s electronic    | 295,303   |
| Labgear           | 327   |
| Lamex             | 436   |
| Lasat             | 011,029,091,092,093,136,137,138,309,316,320                                     |
| LAUSON            | 451,453,454,455,456,457,458,459,460,461,462                                     |
| Legend            | 441   |
| Leiko             | 435   |
| Lenco             | 004,022,068,094,244,439   |
| Leng              | 044   |
| Lennox            | 055   |
| Lenson            | 336,433,435   |
| Lexus             | 242   |
| Leyco 003         |   |
| LG                | 068,306   |
| Lidcom            | 328   |
| Life              | 137,153,317   |

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| Lifesat          | 029,085,095,137,153,156,157,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321   |
| Lifetec          | 029,085,095,137,153,156,157,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321   |
| Lion             | 015,061   |
| Logix            | 306   |
| Lorenzen         | 244,320,432,437   |
| Lorenzen Inc.    | 401,355   |
| Lorraine         | 068   |
| LTC              | 454   |
| Lupus            | 029,309   |
| Luxor            | 019,030,115,122   |
| Luxorit          | 412   |
| Lyonnaise        | 337   |
| M&S              | 404,405,406,426   |
| Macab            | 062,140,337   |
| Madritel         | 184   |
| Maestro          | 433   |
| Magnex           | 441   |
| Manata           | 249,250   |
| Manhattan        | 005,011,045,055,249,250,284,372,435,441   |
| Marantz          | 125,242   |
| Mascom           | 011,088   |
| Maspro           | 005,045,064,075,098,129,235,241,251,441   |
| Mataw            | 087,400,403   |
| Matsui           | 003,075,145,235,241,250,435   |
| Maximum          | 295,303,306   |
| Mb               | 095,312   |
| Mediabox         | 132,140,245   |
| Mediacom         | 437   |
| Mediamarkt       | 021   |
| Mediasat         | 033,132,140,245   |
| Medion           | 029,085,095,137,153,156,157,214,215,216,217,218,219,295,303,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321,432,435 |
| Mega             | 125,242   |
| Melchioni        | 436   |
| Meletronic       | 253   |
| Meliconi         | 435,442   |
| Metabox          | 430   |
| Metaware         | 430   |
| Meteor           | 435   |
| Metronic         | 004,009,010,141,171,247,253,325,434,435,436,439,441,443,448   |
| Metz             | 040,241   |
| Micro            | 247   |
| Micro Technology | 015,034,061   |
| Micromaxx        | 029,085,095,137,153,156,157,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321   |
| Microstar        | 029,085,095,137,153,156,157,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321   |
| Mimtech          | 096   |
| Minerva          | 040,075,235   |
| Mitsubishi       | 005,040,145   |
| Mitsumi          | 093   |
| MKE              | 432   |
| Mondeal          | 306   |
| Monterey         | 433   |
| Morgan sydney    | 338   |

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| Morgans         | 295,303   |
| Morgans         | 021,093,097,125,242,246,432   |
| Moti            | 438,441   |
| Motorola        | 190   |
| Movie Time      | 269   |
| Multichoice     | 172,184,324   |
| Multistar       | 087,092   |
| Multitec        | 318,319   |
| Muratto 038,068 |   |
| Mx Onda         | 365   |
| Mysat           | 441   |
| Navex           | 044   |
| Neahausat       | 441   |
| NEC             | 100,101   |
| Neom            | 435   |
| Neotion         | 295,303   |
| Network         | 014   |
| Neufunk         | 435   |
| Neuhaus         | 033,055,071,244,246,336,441   |
| Neuling         | 307,431,432,437   |
| Neusat          | 308,441   |
| Nevir           | 365   |
| Newsat          | 434,441   |
| Newstar         | 436   |
| Newyork         | 389   |
| Next            | 364,365,366,367,368,369,370,371,425,434   |
| Nextstar        | 434   |
| Nextvision      | 436   |
| Nextwave        | 016,155,364   |
| Nikko           | 021   |
| Nimbus          | 096   |
| NIMO            | 456   |
| Nokia           | 005,030,045,048,079,110,111,122,134,135,140,194,195,196,197,198,199,200,201,202,203,204,222,223,227,230,236,280,292,335,435,441 |
| Nomex           | 339   |
| Nordmende       | 004,005,007,011,062,065,123,337,435,439   |
| Nova            | 172,324   |
| Nova(Yenicag)   | 395,397,398   |
| NOVALAUS ON     | 451,452,453,454,456,457,458, 464,466,469  |
| Novis           | 044   |
| OAK             | 271   |
| Oceanic         | 015,054,061   |
| Octagon         | 004,008,009,050,244,247,439   |
| Okano           | 021,083,087,236,237,238,239   |
| Olympus         | 441   |
| Ondial          | 448   |
| Ondigital       | 186,229,230   |
| Openbox         | 436   |
| Opentel         | 307,314   |
| Optex           | 052,055,372,430,433,434,435,436,437,441   |
| Optus           | 132,140,172,324   |
| Orbis           | 295,303,314   |
| Orbit           | 015,036   |
| Orbitech        | 004,103,125,132,242,246,439   |
| Orda            | 434   |
| Origo           | 105   |
| Osat            | 009   |

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| Otto Versand        | 040   |
| Oxford              | 003,249   |
| p/sat               | 307   |
| Pace                | 005,012,014,040,045,064,074,099,107,112,130,132,140,154,186,189,191,195,204,205,206,207,208,209,210,211,212,213,361   |
| Pacific             | 054,435,444   |
| Packsat             | 250   |
| Palcom              | 007,032,069,071,295,303,308,320,336,436   |
| Palladium           | 021,075,077,235   |
| Paltec              | 032   |
| Panasat             | 172,324   |
| Panasonic           | 005,045,154,183   |
| Panda               | 005,012,241   |
| Pansat              | 329   |
| Patriot             | 249,448   |
| Patriot<br>Worldsat | 003,249,250   |
| Phillips            | 005,014,028,037,045,049,059,075,086,099,104,121,124,125,132,140,169,170,222,224,225,235,237,238,241,242,243,244,245,246,247,248,249,250,251,252,253,254,311,322,360 |
| Phoenix             | 014,050,074   |
| Phonotrend          | 010,055,083   |
| Pilot               | 433,435,438,441   |
| Pilot Sat           | 372,373,374   |
| Pino                | 295,303   |
| Pioneer             | 132,140,245,272,273,275   |
| Pk Sat              | 015   |
| Planet              | 380   |
| Playsonic           | 435   |
| PMB                 | 441   |
| Pollin              | 432   |
| Polsat              | 173,337   |
| Polytron            | 052   |
| Portland            | 327   |
| Power sky           | 436   |
| Predki              | 044   |
| Preisner            | 246,313,432   |
| Premier             | 132   |
| Premiere            | 055,076,123,125,132,140,245   |
| PremiumX            | 408   |
| Priesner            | 021   |
| Prinz               | 435   |
| PRO BASIC           | 451,453,454,456,457,458   |
| PRO2                | 306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321   |
| Profi               | 094   |
| Profile             | 249   |
| Proline             | 435   |
| Promax              | 005   |
| Prosat              | 006,007,010,102,133   |
| Protek              | 015,054   |
| Proton              | 015   |
| Provision           | 011   |
| Ptt Telecom         | 047   |
| Pve                 | 235,  |
| Quadral             | 007,010,029,246,249,250,309   |
| Quadro              | 433,435,444   |
| Quelle              | 019,040,320   |
| Quiero              | 173,337   |



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| Radiola                   | 125,242   |
| Radix                     | 039,313   |
| Rainbow                   | 009,247   |
| RC                        | 364   |
| RE                        | 096   |
| Rebox                     | 330   |
| Red flower                | 434   |
| Rediffusion               | 101   |
| Redpoint                  | 033   |
| Redstar                   | 029,309   |
| Regal                     | 350,433,435   |
| Remoshack                 | 296   |
| Revox                     | 096   |
| RFT                       | 010,103,125,242,244   |
| Ritar                     | 441   |
| Roadmaster                | 355,375,376,377,378,441   |
| Roadstar                  | 140,435,436,441   |
| Rover                     | 435   |
| Ruefach                   | 094   |
| S-ZWO                     | 332   |
| Sab                       | 350,435   |
| Saba                      | 006,011,014,045,061,064,065,120,127,133,136,142,143,144,146,250   |
| Sabre                     | 005   |
| Sagem                     | 062,141,173,175,337,409,411,435   |
| Sakura                    | 050,074   |
| Salora                    | 030,100,101,107,274   |
| Samsung                   | 004,027,078,087,140,272,304,353,437   |
| Sanyo                     | 435   |
| Sasa                      | 434   |
| Sat                       | 007,017,036,038   |
| Sat industries            | 441   |
| Sat+                      | 295,303,435   |
| Satbox                    | 276   |
| Satcom                    | 043,095,106,312,439   |
| Sat control               | 362,382   |
| Satec                     | 014,045   |
| Sateco                    | 372,439   |
| Satellite                 | 390   |
| Satford                   | 043   |
| Satmaster                 | 043   |
| Satpartner                | 004,009,011,044,068,083,247,439   |
| Satplus                   | 435   |
| Sat-star                  | 436   |
| Satstation                | 284   |
| Schörke                   | 247   |
| Schaub<br>Lorenz          | 330,430,435,441   |
| Schneider                 | 049,248,250,252,254,309,313,317,318,319,320,350,435,437,438,441   |
| Schwaiger                 | 013,014,052,054,089,095,137,144,146,147,152,155,157,168,246,284,295,303,306,312,313,314,316,317,319,431,432,435,449 |
| Scientific<br>Atlanta Sts | 255,256,268   |
| Scs                       | 320   |
| Sedea                     | 429,430,431,432,433,434,435,436,437,438,439,440,441,442,443,444,445,446,447,448,449,450                             |
| Sedea<br>electronique     | 434   |
| Seemann                   | 003,021,033,039   |

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| SEG            | 004,008,029,034,044,095,119,306,309,312,350,433,435,439,441   |
| Seleco         | 055,435,439,441   |
| Senyu          | 438   |
| Septimo        | 434   |
| Servimat       | 435,441   |
| Servisat       | 350,435,441   |
| Sezam          | 437   |
| Shadowchne     | 435   |
| Siemens        | 040,241,295,303   |
| Silva          | 068,320   |
| SilveCrest     | 432   |
| Silvercrest    | 432   |
| Skardin        | 033   |
| SKR            | 441   |
| Sky            | 154,182,190,191,220,221,278,282,283,323   |
| Sky Digital    | 154   |
| Sky xl         | 314,350   |
| Skymaster      | 010,095,148,156,158,159,160,161,162,293,294,295,297,298,299,300,301,302,303,304,305,306,312,315,318,319,441     |
| Skymax         | 015,125,242   |
| Skypex         | 320   |
| Skyplus        | 295,303,306,307,314,431,432,435,441   |
| Skysat         | 433   |
| Skyvision      | 055   |
| SL             | 431   |
| Sm electronic  | 306   |
| SM electronics | 441   |
| Smart          | 307,313,320,448   |
| SmartVision    | 463,464,467,468   |
| Solaris        | 436,443   |
| Sonashi        | 430   |
| Sony           | 020,132,140,154   |
| SR             | 021,065,093   |
| Stab usual     | 436   |
| Stabo          | 430   |
| Star com       | 433   |
| Star sat       | 436,441   |
| Star track     | 436   |
| Star Trak      | 004   |
| Starion        | 034   |
| Starland       | 156,318,441   |
| Starring       | 044   |
| Stella         | 047   |
| Strong         | 004,009,029,048,051,081,133,140,141,172,222,228,247,289,295,303,309,324,326,362,371,382,400,435,438,439,440,441 |
| STYLUS         | 453   |
| Sumida         | 021   |
| Sun/Moon/Star  | 184   |
| Sunkai         | 435,436   |
| Sunny          | 355,362,376,379,380,381,382,434   |
| Sunsat         | 441   |
| Sunstar        | 021,093,107,184,448   |
| Supermax       | 434   |
| Systec         | 295,303   |
| T.V.E.         | 435   |
| Tae young      | 439   |
| Tandberg       | 062,337   |

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| Tandy         | 009   |
| Tantec        | 005,045,064,069,071,336   |
| Targa         | 407   |
| Tatung        | 053,105   |
| Tboston       | 187,351,365,441,448,457,458,459   |
| TCM           | 029,085,095,137,153,156,157,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321                 |
| Teac/teak     | 435   |
| Tecatel       | 424   |
| Technica      | 435   |
| Technical     | 435   |
| Techniland    | 043   |
| Technisat     | 039,071,103,108,109,125,126,132,242,336,372   |
| Techno        | 435   |
| Technomate    | 434   |
| Technosat     | 437   |
| Techwood      | 433,435   |
| Teco          | 021,093   |
| Tecsat        | 441   |
| Tecsonic      | 435   |
| Telanor       | 007   |
| Telasat       | 095,312   |
| Telca         | 435   |
| Telcar        | 412   |
| Tele+1        | 222,228,267   |
| Teleciel      | 247   |
| Telecom       | 047,372   |
| Telefunken    | 004,045,131,136,137,138,145,250,316,439   |
| Teleka        | 009,021,027,039,088,247,251   |
| Telemaster    | 011   |
| Telemax       | 091   |
| Telesat       | 095,125,312   |
| Telesar       | 071,132,242,295,303,336,350,433,435   |
| Telesystem    | 295,303,350,435,438,441   |
| Teletech      | 433,435   |
| Televés       | 005,185,187,188,295,303,330,338,340,362,382,444,448   |
| Telewire      | 055,307   |
| Telko         | 441   |
| Telkom        | 350,383,433   |
| Tempo         | 375,384,385,386,387   |
| Tensai        | 441   |
| Termal        | 350,375,388,389,390,391,392,441   |
| Tesla         | 435   |
| Tevebox       | 412   |
| Tevion        | 029,085,095,137,153,156,157,218,219,295,303,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321 |
| Thomson       | 005,065,084,131,132,139,140,141,145,173,175,245,249,250,337,441   |
| Thorens       | 054   |
| Thorn         | 005,012,014,045,064,066,436   |
| Tioko         | 052   |
| TMX           | 437   |
| Tochibo       | 368   |
| Tofild        | 350   |
| Tokai         | 242,388   |
| Tonbury       | 301,444   |
| Tonna         | 005,043,055,249   |
| Tonna electr. | 434,441   |
| Topfield      | 331,332,333,419,437   |

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| Toshiba              | 239   |
| TPS                  | 141,175   |
| Traxis               | 432   |
| Triad                | 015,036,038,068,113   |
| Triasat              | 072   |
| Triax                | 040,071,125,136,140,242,313,327,336,350,433,435,441,448     |
| Trio                 | 306   |
| Tristar              | 051   |
| Tudi                 | 259   |
| TV max               | 432   |
| Twinner              | 338,340,431,441   |
| Twinsat              | 433   |
| Uec                  | 132,172,324   |
| Ultravox             | 372   |
| Uniden               | 114,287   |
| Unisat               | 021,050,242   |
| United               | 350,435   |
| Unitor               | 025,044,243   |
| Universum            | 040,067,075,079,125,235,241,320,335                         |
| Van hunen            | 320   |
| Variosat             | 241   |
| Variostat            | 040   |
| Vector               | 015,061   |
| Ventana              | 125,242   |
| Vestel               | 350,383,393,394,422,429,433,435,442                         |
| Vh-sat               | 320   |
| Via Digital          | 135,139,231,232   |
| Viasat               | 110,141   |
| Victory              | 436   |
| Videoton             | 435   |
| Visa electr.         | 440,441   |
| Visionic             | 429,430,431,432,434,436,437,440,443,444,445,446,447,449     |
| Visiopass            | 335   |
| Visiosat             | 044,055,156,163,164,165,166,167,318,432,433,440,441         |
| Viva                 | 244   |
| Vivanco              | 334,341   |
| Vortec               | 004,027,078,439   |
| VTech                | 253   |
| V-Tech               | 036,038,104,115   |
| Walkvision           | 435   |
| Wallis               | 441   |
| Wavelength           | 307,436   |
| Way                  | 291   |
| Weiss                | 431,441   |
| Wela                 | 246   |
| Wella                | 441   |
| Wellington           | 435   |
| Weltstar             | 435   |
| Westminster<br>Cable | 260   |
| Westwood             | 435   |
| Wevasat              | 005,015   |
| Wewa                 | 005   |
| Windsor              | 435   |
| Winer                | 290   |
| Winersat             | 044   |
| Wisi                 | 005,036,038,039,040,113,116,117,118,241,246,320,441,444,448 |
| Wittenberg           | 017   |

|                    |   |
|--------------------|---|
| Wolsey             | 082   |
| Woorisat           | 011   |
| Worldsat           | 330,350,433,435,448   |
| Xms                | 306   |
| Xsat               | 176,249,330   |
| Xtreme             | 362,382   |
| Yenicag            | 395,396,397,398   |
| YES                | 191   |
| Yonsat             | 380   |
| Yuhsun             | 410   |
| Yumatu             | 087,355,389,400,401,402,403   |
| Zehnder            | 011,029,038,087,089,119,243,253,295,303,306,307,309,314,325,350,433,435 |
| Zenith             | 190   |
| Zeta<br>Technology | 242   |
| zinwell            | 076   |
| Zirwatel           | 351   |
| Zodiac             | 009,247,436   |

## CD

|                         |   |
|-------------------------|---|
| Brand                   | CD  |
| Adcom                   | 006   |
| Alwa                    | 007,008,009,098   |
| Akai                    | 010,011,012,013   |
| Alba                    | 014   |
| Arcam                   | 083   |
| Asuka                   | 015   |
| Audiosonic              | 015   |
| Bestar                  | 016   |
| BSR                     | 017   |
| Bush                    | 018   |
| California<br>audio lab | 019   |
| Carrera                 | 020   |
| Classic                 | 119   |
| Condor                  | 017   |
| Crown                   | 021   |
| Cybercom                | 103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120 |
| Cybermaxx               | 103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120 |
| Cytron                  | 103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120 |
| Denon                   | 022,023   |
| Dual                    | 015,024,103,104,105,107,108,109,110,111,112,113,114,115,116,117,118     |
| Elta                    | 105,108,113   |
| Emerson                 | 006,016,025   |
| Fisher                  | 026,027   |
| Genexxa                 | 016,025,028,029,030,031,032,033,034,107                                 |
| Goldstar                | 020   |
| Goodmans                | 025,035,036   |
| Grundig                 | 037,083   |
| Harmon<br>Kardon        | 010,038,039,040   |
| Hitachi                 | 006,024,041,042,043   |
| Innovation              | 081,089,090,091,092,093,094,109,110,111,112,113,114,115                 |
| Intersound              | 015   |
| JVC                     | 044   |
| Kenwood                 | 026,029,045,046,047,100   |
| Kodak                   | 005   |
| LG                      | 020   |

|                       |  |
|-----------------------|--|
| Lifetec               | 081,089,090,091,092,093,094,103,104,105,106,107,108,109,110,111,112,113,14,115,116,117,118,119,120 |
| Linn                  | 083  |
| Luxman                | 048,049  |
| Magnum                | 081,089,090,091,092,093,094,109,110,111,112,113,114,115  |
| Marantz               | 051,052,083  |
| Matsui                | 051,053,083  |
| Mcintosh              | 054,055  |
| Medion                | 081,089,090,091,092,093,094,103,104,105,106,107,108,109,110,111,112,113,14,115,116,117,118,119,120 |
| M-Electronic          | 050  |
| Memorex               | 006,016,025,031,034  |
| Meridian              | 083  |
| Micromaxx             | 081,089,090,091,092,093,094,103,104,105,106,107,108,109,110,111,112,113,14,115,116,117,118,119,120 |
| Micromega             | 083  |
| Microstar             | 081,089,090,091,092,093,094,103,104,105,106,107,108,109,110,111,112,113,14,115,116,117,118,119,120 |
| Mission               | 083  |
| NAD                   | 028,049,084,085,086,087  |
| Naim                  | 083  |
| Nakamichi             | 056,057  |
| Onkyo                 | 002,058,059,060,061  |
| Panasonic             | 018,019,062  |
| Philips               | 003,063,064,082,083  |
| Philips Cd-I          | 064  |
| Philips Cd-V          | 002  |
| Pioneer               | 030,034,099  |
| PRO2                  | 103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120                            |
| Proton                | 083  |
| Quad                  | 083  |
| Realistic             | 006,016,031,032,107  |
| Roadstar              | 050,063,065  |
| Rotel                 | 083  |
| Saba                  | 024  |
| SAE                   | 083  |
| Samsung               | 102  |
| Sansui                | 003,025,066,067,068,083  |
| Schneider             | 001,017,083  |
| Scott                 | 016,025  |
| Sharp                 | 029,069,070,071  |
| Sherwood              | 124  |
| Siemens               | 072  |
| Signature             | 010  |
| Singer                | 118  |
| Skymaster             | 121  |
| Sony                  | 028,073,074,075,088,095,096,097  |
| Sunwood               | 015  |
| Tandberg              | 083  |
| TCM                   | 081,089,090,091,092,093,094,103,104,105,106,107,108,109,110,111,112,113,14,115,116,117,118,119,120 |
| Teac                  | 122  |
| Technics              | 019,062,077,101  |
| Telefunken            | 024  |
| Tevion                | 081,089,090,091,092,093,094,103,104,105,106,107,108,109,110,111,112,113,14,115,116,117,118,119,120 |
| TheorieSanwe<br>nding | 123  |
| Thomson               | 004,024  |



|                 |             |
|-----------------|-------------|
| Toshiba         | 049,078,079 |
| Universum       | 083         |
| Vector Research | 020         |
| Victor          | 044         |
| Welltech        | 107,108,112 |
| Yamaha          | 069,076,080 |
| Yorx            | 065         |

## DVD

| Brand               | DVD   | DVR |
|---------------------|---|-----|
| 3 Plus              | 058   |     |
| Accoustic solutions | 128   |     |
| Aim                 | 133   |     |
| Airis               | 133   |     |
| Aiwa                | 129   |     |
| Akal                | 010,034,064   |     |
| Alba                | 074,130,131,132,133   |     |
| Ames                | 128   |     |
| Amstrad             | 130   |     |
| AMW                 | 091   |     |
| Apex                | 132,133,134,135   |     |
| Apex digital        | 133   |     |
| Arena               | 120   | 120 |
| Aristona            | 125   |     |
| ASDA                | 204   |     |
| A-trend             | 136   |     |
| Avtex               | 205,206   |     |
| Axil                | 057   |     |
| Baze                | 133   |     |
| BBK                 | 075,076,077,078,079,080,081,082,083,084,085,170,191,192                                 |     |
| Blaupunkt           | 074   |     |
| Blue sky            | 133   |     |
| Brandt              | 033,118   |     |
| Broksonic           | 137   |     |
| Bush                | 074,097,130,131,132,147   |     |
| Black diamond       | 130   |     |
| Celestial           | 133   |     |
| Centrex             | 133   |     |
| Centrum             | 138,139,140,141   |     |
| Cinevision          | 142   |     |
| Classic             | 128   |     |
| Clatronic           | 133   |     |
| CMI                 | 120   | 120 |
| Conia               | 133   |     |
| Crown               | 118   |     |
| Cybercom            | 102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124 | 120 |
| CyberHome           | 042,068,136   |     |
| Cybermaxx           | 102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124 | 120 |
| Cytron              | 102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124 | 120 |
| Daewoo              | 070,091,171(DVD),172(DVD),173(DVD)  |     |
| Denon               | 005,036,058   |     |
| Denver              | 131,133   |     |

|               |   |     |
|---------------|---|-----|
| Desay         | 048,143,196   |     |
| Digired       | 074   |     |
| Digitrex      | 133   |     |
| DIK           | 114   |     |
| Dmtech        | 144   |     |
| Dual          | 102,103,104,105,107,108,109,110,111,112,114,115,116,117,118,119,120,128,130,167                     | 120 |
| DVD 1024      | 145   |     |
| ECCG          | 095   |     |
| Elta          | 146,147,168   |     |
| Emerson       | 142   |     |
| Essentiel B   | 039,063,154,202   |     |
| Ferguson      | 118   |     |
| Finlux        | 142,133   |     |
| Fisher        | 148   |     |
| GE            | 074,132   |     |
| Golden Sphere | 108   |     |
| Goodmans      | 118,147   |     |
| Goldstar      | 142   |     |
| Go-Video      | 105   |     |
| Gradiente     | 118   |     |
| Grandin       | 133   |     |
| Grundig       | 011,158,169,199   |     |
| GVG           | 096   |     |
| Haaz          | 108,109   |     |
| Harman/Kardon | 050,150   |     |
| H&B           | 110   |     |
| Himage        | 094   |     |
| Hitachi       | 008,009,025,030,043,127,163   | 127 |
| Hiteker       | 133   |     |
| HTY           | 086   |     |
| Initial       | 132   |     |
| Innovation    | 012,013,014,114,116,117,118   |     |
| JBL           | 150   |     |
| JVC           | 002,032,066   |     |
| Kawai         | 174(DVD)  |     |
| Kendo         | 114,120,133   | 120 |
| Kenwood       | 005,028,058   |     |
| KLH           | 132   |     |
| Konka         | 175(DVD),176(DVD),177(DVD),178(DVD),  |     |
| Koss          | 118   |     |
| Labwave       | 023   |     |
| Lasonic       | 067,108   |     |
| Lecson        | 151   |     |
| Lenoxx        | 152   |     |
| LG            | 016,142,153   |     |
| Life          | 012,013,014,116,117,118   |     |
| Lifetec       | 012,013,014,102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124 | 120 |
| Limit         | 108   |     |
| Linn          | 035   |     |
| Listo         | 072,113   |     |
| Loewe         | 011,038,158   |     |
| Magnavox      | 056,089,125,126,157   |     |
| Magnum        | 181,182,185,186   |     |
| Marantz       | 003,038,142,157,158,159   |     |

|                  |   |          |
|------------------|---|----------|
| Matsui           | 118,133   |          |
| Maxim            | 091   |          |
| MBO              | 154   |          |
| Medlon           | 012,013,014,041,102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124,199 | 120      |
| Metz             | 009,024,163   |          |
| Mico             | 087,088   |          |
| Micromaxx        | 012,013,014,102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124         | 120      |
| Microsoft        | 155   |          |
| Microstar        | 012,013,014,102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124         | 120      |
| Mintek           | 132   |          |
| Mirror           | 199   |          |
| Mitsubishi       | 007,130   |          |
| M&S              | 193   |          |
| MTC 073          |   |          |
| Mustek           | 069,071,128   |          |
| NAD              | 027,142,162   |          |
| Nakamichi        | 156   |          |
| NBC              | 201,133,203   |          |
| Noname           | 045   |          |
| Norcent          | 093   |          |
| Nortek           | 091   |          |
| Onkyo            | 015,029,065,149   |          |
| Optimus          | 059   |          |
| Orion            | 137   |          |
| Oritron          | 118   |          |
| Pacific          | 114   |          |
| Palsonic         | 133   |          |
| Panasonic        | 005,006,017,022,036,051,054,055,058   |          |
| Panda            | 074,090   |          |
| Philco           | 053   |          |
| Philips          | 003,011,038,040,047,052,125,126,157,158,159,209   | 125, 126 |
| Philips magnavox | 157,158,159   |          |
| Pioneer          | 009,024,026,059,062,163   |          |
| Praline          | 199,133   |          |
| Prism            | 104   |          |
| PRO2             | 102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124                     | 120      |
| Proline          | 118   |          |
| Proscan          | 155   |          |
| Prosonic         | 160,161   |          |
| Pye              | 125   |          |
| RCA              | 097,132,134,155   |          |
| Rec              | 058   |          |
| Regal            | 179(DVD)  |          |
| Reoc             | 108   |          |
| REX              | 138   |          |
| Rowa             | 074   |          |
| RTL              | 120   | 120      |
| Saba             | 033,118   |          |
| Salora           | 142   |          |
| Sampo            | 108   |          |
| Samsung          | 008,030,058,105,208   |          |
| Sanyo            | 092,148   |          |

|               |   |             |
|---------------|---|-------------|
| Schneider     | 014,114,118,125,130,144,161   |             |
| Scott         | 133   |             |
| SEG           | 108,130   |             |
| Shanghai      | 133   |             |
| Sharp         | 012,013,116,162   |             |
| Sherwood      | 044,074   |             |
| Shinco        | 074,132   |             |
| Shinonic      | 132   |             |
| Siltex        | 076   |             |
| Silvercrest   | 184,195   |             |
| Sistemas      | 133   |             |
| Skymaster     | 098,099,100,101,128,147   |             |
| Sm electronic | 128,147   |             |
| Sony          | 004,031,046,060,207   |             |
| Strong        | 091   |             |
| SVA           | 074,133   |             |
| Sunsui        | 137   |             |
| Supervision   | 147   |             |
| Sylvania      | 106   |             |
| Targa         | 184,194,197,198,199,200   |             |
| TCM           | 012,013,014,102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124,180,184                 | 120         |
| Teac          | 074,108,132,163   |             |
| Technics      | 005,036,037,058,155   |             |
| Tevion        | 012,013,014,102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124,183,187,188,189,190,199 | 120         |
| Techwood      | 162   |             |
| Theta digital | 163   |             |
| Tboston       | 057   |             |
| Thomson       | 001,033,155   |             |
| Toshiba       | 003,049,137,157   |             |
| Transonic     | 133   |             |
| United        | 164,165,133   |             |
| Universum     | 130   |             |
| Vestel        | 179(DVD)  |             |
| Walkvision    | 074   |             |
| Wharfedale    | 151,199   |             |
| Xbox          | 155   |             |
| Xenius        | 115,118   |             |
| Yamada        | 199   |             |
| Yamaha        | 005,036,058,061,125,126   | 125,<br>126 |
| Yamakawa      | 166   |             |
| Ykumo         | 199   |             |
| Zenith        | 142   |             |
| Others        | 018,019,020,021   |             |

## TAPE

| Brand   | TAPE                |
|---------|---------------------|
| Aiwa    | 008,009,010         |
| Akai    | 015,079,089,099,100 |
| Amstrad | 082                 |
| Aswo    | 017                 |
| Braun   | 036                 |
| Bush    | 003                 |
| Daewoo  | 073                 |
| Denon   | 002,006,007,045,058 |
| Diora   | 065,066             |

|              |   |
|--------------|---|
| Dual         | 016,101,102                                 |
| Fischer      | 059,060,071                                 |
| Goodmanns    | 001   |
| Goodmans     | 033   |
| Grundig      | 017,021,026,109                             |
| Harman       | 057,092                                     |
| Kardon       |   |
| Hitachi      | 045,081                                     |
| ITT          | 084,085                                     |
| JVC          | 011,028,029                                 |
| Kenwood      | 014,083,098,101,102                         |
| Linn         | 054   |
| Luxman       | 042,043,050,097                             |
| Magnavox     | 109   |
| Marantz      | 017,053,088,109                             |
| NAD          | 069,070                                     |
| Nakamichi    | 093   |
| Nokia        | 086   |
| Onkyo        | 012,013,022,067,068                         |
| Panasonic    | 048,094,095                                 |
| Philips      | 017,026,087,109                             |
| Pioneer      | 019,020,078,104,106,107,108                 |
| Radmor       | 053   |
| Revox        | 027   |
| Revox/Studer | 017   |
| Samsung      | 049,051,052,062,063                         |
| Sansui       | 109   |
| Sany         | 071   |
| Sanyo        | 072,096,103                                 |
| Schneider    | 017,032,033,034,035,038,039,040,044,084,085 |
| Sharp        | 005,030                                     |
| Sherwood     | 056,074,075,076,077                         |
| Siemens      | 015,017,046,047                             |
| Sony         | 031,091,105                                 |
| T+A          | 037   |
| Technics     | 004,055,064,094                             |
| Thomson      | 018   |
| Universum    | 034,041,052,061                             |
| Yamaha       | 023,024,025,080,090                         |

## TUNER

| Brand     | TUNER                   |
|-----------|-------------------------|
| Alwa      | 006,007,048             |
| Akai      | 026,077,089             |
| Amstrad   | 081,093,097,098         |
| Ash       | 053                     |
| Aswo      | 056                     |
| Bush      | 042                     |
| Centrum   | 104                     |
| Cybercom  | 105,106,107             |
| Cybermaxx | 105,106,107             |
| Cytron    | 105,106,107             |
| Daewoo    | 087                     |
| Denon     | 001,002,031,052,074,100 |
| Diora     | 090                     |
| Dual      | 011,025,105,106         |
| Elta      | 108,109                 |
| Fischer   | 063                     |

|                         |   |
|-------------------------|---|
| Goldstar                | 004   |
| Goodmanns               | 077   |
| Goodmans                | 042   |
| Grundig                 | 056,058,110   |
| Harman<br>Kardon        | 084   |
| Hitachi                 | 031,082   |
| ITT                     | 030   |
| JVC                     | 044,073,076   |
| Kenwood                 | 025,066,068,071,075   |
| Lifetec                 | 105,106,107   |
| Linn                    | 101   |
| Luxman                  | 067,103   |
| Marantz                 | 056,110   |
| Medion                  | 105,106,107   |
| Microstar               | 105,106,107   |
| Micromaxx               | 105,106,107   |
| Minowa                  | 039   |
| Mission                 | 018   |
| NAD                     | 088   |
| Nakamichi               | 049   |
| Nokia                   | 040   |
| Noname                  | 042   |
| Okano                   | 079,092   |
| Onkyo                   | 055,069   |
| Palladium               | 080   |
| Panasonic               | 001,061   |
| Phillips                | 056,110   |
| Pioneer                 | 010,013,014,065   |
| PRO2                    | 105,106,107   |
| Radmor                  | 057   |
| Revox                   | 016   |
| Revox/Studer            | 056   |
| Rotel                   | 008   |
| Sansui                  | 110   |
| Samsung                 | 009,041,078,094,102   |
| Sanyo                   | 022,062   |
| Schneider               | 004,018,020,021,023,024,028,029,030,032,033,034,037,038,039,042,070,<br>072,080,089,092,093,098 |
| Sharp                   | 003,075   |
| Sherwood                | 043,085,086   |
| Siemens                 | 004,018,036,037,047,056,077,087,092,095,099   |
| Sinotec                 | 024   |
| Sinotec(Pepsi-<br>Dose) | 024   |
| Sony                    | 019,046,050,051   |
| Supertech               | 042   |
| T+A                     | 035,054   |
| T+A<br>Elektroakustik   | 054   |
| TCM                     | 105,106,107,111   |
| Teac                    | 112,113   |
| Technics                | 017,059,060,091   |
| Tevion                  | 105,106,107   |
| Theorie&anw<br>ending   | 114   |
| Thomson                 | 012   |
| Uher                    | 005   |



|           |                     |
|-----------|---------------------|
| Universum | 033,077,092,096,102 |
| Yamaha    | 015,027,045,064,083 |

## AUX

| Brand                     | AMP                 | LD/OTHER   |
|---------------------------|---------------------|--|
| ADT                       |                     | 161  |
| Aiwa                      | 028,036,128,129     | 181,182  |
| Akai                      | 018,112,121         |  |
| Amplifier                 | 158                 |  |
| Amstrad                   | 014,034,077,086,145 |  |
| Arcam                     | 044                 |  |
| Arion                     |                     | 162  |
| ASH                       | 027                 |  |
| Aswo                      | 043                 |  |
| Audio Combl               |                     | 040,190  |
| Audiolab                  | 044                 |  |
| Balanced audio technology | 044                 |  |
| Braun                     | 104                 |  |
| Bush                      | 032,044,116         |  |
| CD Photo                  |                     | 039  |
| CDR                       |                     | 041,191  |
| CD Video                  |                     | 038  |
| Copland                   | 044                 |  |
| Cpremier                  |                     | 195(VCD)   |
| Curtis Mathes             | 119                 |  |
| Cybercom                  | 169,170,171         | 173,174,175,176,177,178                          |
| Cybermaxx                 | 169,170,171         | 173,174,175,176,177,178                          |
| Cytron                    | 169,170,171         | 173,174,175,176,177,178                          |
| Daewoo                    | 022                 | 194  |
| DBS                       |                     | 179  |
| Denon                     | 020,080,098,131,139 | 001(LD)  |
| Diora                     | 081                 |  |
| Disco Vision              |                     | 003(LD)  |
| DMT                       |                     | 161  |
| Dual                      | 062,124,169,170     | 173,174,175,176,183                              |
| Elta                      |                     | 176,184  |
| Fischer                   | 021,085,134         |  |
| Fujitec                   |                     | 195(VCD),196(VCD)                                |
| Goldmund                  | 044                 |  |
| Goldstar                  | 029                 |  |
| Gold Vision               |                     | 166,167  |
| Goodmanns                 | 015,018,032         |  |
| Grundig                   | 043,044,142,148     | 005(LD),043,044,046                              |
| Harman Kardon             | 044,091             |  |
| HDT                       |                     | 159  |
| Hitachi                   | 098                 | 003(LD)  |
| Home automation           |                     | 192  |
| ITT                       | 073                 |  |
| JBL                       | 068,118             |  |
| JVC                       | 067,146,150         |  |
| Kawai                     |                     | 195(VCD),196(VCD),197(VCD),198(VCD),199,200(VCD) |
| Kenwood                   | 023,062,156         | 062  |

|                 |   |                                 |
|-----------------|---|---------------------------------|
| Lifetec         | 169,170,171   | 173,174,175,176,177,178         |
| Linn            | 043,044,148   | 043                             |
| Loewe           | 044   |                                 |
| Luxman          | 099,100,149,152   |                                 |
| Magnavox        |   | 046                             |
| Magnum          |   | 201                             |
| Marantz         | 043,044,148,153   | 043,044,046                     |
| Mark            | 044   |                                 |
| Medion          | 034,169,170,171   | 173,174,175,176,177,178         |
| Meridian        | 044,148   | 043                             |
| Micromaxx       | 169,170,171   | 173,174,175,176,177,178         |
| Micromega       | 044   |                                 |
| Microsoft       |   | 205(PC)                         |
| Microstar       | 169,170,171   | 173,174,175,176,177,178         |
| Minowa          | 013   |                                 |
| Mission         | 155   |                                 |
| Mitsubishi      |   | 005(LD)                         |
| Myryad          | 044   |                                 |
| NAD             | 048   | 005(LD),047,048,049,050         |
| Naim            | 044   | 043                             |
| Nakamichi       | 069   |                                 |
| Niam            | 148   |                                 |
| Nokia           | 072   |                                 |
| Noname          | 032   |                                 |
| Okano           | 016,017   |                                 |
| Onkyo           | 024,125   |                                 |
| Palladium       | 033,090,133   |                                 |
| Palladium/Okano | 143   |                                 |
| Panasonic       | 063,136,138,141   |                                 |
| Phillips        | 043,044,101,140,148,153,154   | 004(LD),006(LD),043,044,045,046 |
| Pioneer         | 011,044,119,148   | 003(LD),005(LD),043,055,185     |
| Premier         |   | 195(VCD),196(VCD)               |
| PRO2            | 169,170,171   | 173,174,175,176,177,178         |
| Quad            | 044,148   | 043                             |
| Radiola         | 044   | 006(LD)                         |
| Radiotone       | 087   |                                 |
| Radix           |   | 160                             |
| Radmor          | 140,153,154   |                                 |
| Revox           | 044,089,120   |                                 |
| Revox/Studer    | 101,153,154   |                                 |
| Revoy           | 044   |                                 |
| Rotel           | 126,127   |                                 |
| Saba            | 064,151   |                                 |
| Samsung         | 010,074,083,092   | 065,186                         |
| Sansui          |   | 044,046                         |
| Sanyo           | 134,157   |                                 |
| Schneider       | 012,013,016,019,026,029,032,033,034,035,043,073,075,086,088,096,105,106,107,108,109,110,111,113,114,115,143,144,145,147 |                                 |
| Sharp           | 132,156   | 187                             |
| Sherwood        | 071,078,079   |                                 |
| Show            |   | 196(VCD)                        |
| Siemens         | 016,018,019,022,026,029,031,034,043,075,093,094,095,142   |                                 |
| Sinotec         | 035   |                                 |

|                       |                         |   |
|-----------------------|-------------------------|---|
| Sinotec(Pepsi-Dose)   | 035                     |   |
| Silver Crest          |                         | 206(PC)   |
| Sony                  | 036,117,133             | 002(LD),007(LD),008(LD),05<br>1,052,053,056,057,058,059,060<br>,061,168,188 |
| Sunny                 |                         | 196(VCD)  |
| Supertech             | 032                     |   |
| Switch Box            |                         | 180   |
| T+A                   | 025,103                 |   |
| T+A<br>Elektroakustik | 025                     |   |
| TCM                   | 169,170,171,172         | 173,174,175,176,177,178,202,2<br>03   |
| Techmate              |                         | 163   |
| Technics              | 063,082,097,135,138     | 063   |
| Techsan               |                         | 164,165   |
| Telefunken            |                         | 005(LD)   |
| Tensai                | 102                     |   |
| Tevlon                | 169,170,171             | 173,174,175,176,177,178,204   |
| Thomson               | 064,123                 | 064   |
| Thorens               | 044                     |   |
| Thorn                 |                         | 009(LD)   |
| Uher                  | 130                     |   |
| Universum             | 010,016,018,044,084,107 |   |
| Victor                | 150                     |   |
| Video CD              |                         | 037,189   |
| Welltech              |                         | 173,178   |
| X-10(NEC)             |                         | 193   |
| Yamaha                | 030,070,076,122         | 042,054,066   |
| Others                | 137                     |   |

