

USER MANUAL FOR URC22D-8/ URC22D-8A

URC22D-8B

General Description

The URC22D-8, URC22D-8A, URC22D-8B universal remote control is a new model of multi-functional preprogrammed remote control for European market. It has been proved powerful function and stable quality. It features as:

- ※ 8 Device key: TV1, TV2, VCR1, VCR2, SAT, CD, **AUX and DVD**.
- ※ 11 Device Bank: TV, VCR, Satellite [Analogue Satellite, Digital Satellite], Cable, CD, LD, **DVD**, AMP, Tuner, Tape, AUX [Cable, LD, Audio Amplifiers, Audio Amplifiers /Tuners, Audio Cassette Players, Digital Audio Tape Player inside AUX.]
- ※ 4 Operating Modes: Set-up Mode, Manual Search Mode, Auto Search Mode and Display Mode.
- ※ Transmission and Set-up indicating LED.
- ※ Punch-through function.
- ※ Teltxt/Fastext function.
- ※ Menu function.
- ※ Volume and Mute Lock function.
- ※ Device Lock function.

Battery Requirement

This remote control needs two batteries to work with. Refer to the direction mark inside the battery apartment and put 2 pieces of fresh AAA, or R03 or UM4 in the battery apartment. Alkaline batteries are recommended.

Remember to replace the batteries at least once a year.

Set up By Device Brand Code

According to the attached Device Brand Code List, find out the device brand name and code of the device that you want to control (For example, you can find codes for "Philips"TV: 001,004,023 etc). Then follow steps as below:

- A. Press the [SET] key and hold it, then press the device key that you want to control, such as [TV1], [VCR1], etc.
- B. The LED will be on at the moment. Then **release** the pressed both keys.
- C. Enter in the **3-digit Device Code**. (For example: code 001 for Philips TV).
- D. If the entered Device Code is correct, the LED will be off automatically. If it is

incorrect, the LED will blink **twice** and keep being at setup mode (being on). Then please return to step C.

- E. **Try** if keys on Remote Control work or not. If most keys work improperly, please try other code under the same brand (For example: code 004,023 under Philips TV), repeat A~E till you find the main keys work good enough.

Remark: In the process of setup, if you want to quit from set up mode, please press the device key.

If no key is pressed in 10 seconds, the remote control will leave the setup mode automatically.

Set up By Manual Search

If you have tried all the codes under the brand name, the remote control still does not work (i.e. the device still can not be controlled by this remote control), or you can not find the correct brand in the Device Code List, you can use Manual Search to find out the correct code.

- A. Power on the device that you want to control. If it is a VCR, it must be inserted with a tape.
- B. Press and hold **[SET]** key and press the device key (**TV1** etc) at the same time.
- C. The LED will be on at the moment. Then **release** the pressed keys.
- D. Press the **[POWER]** key again, then release it. The remote control enters into Manual Search Mode and the LED keeps flashing.
- E. Point the remote control to the device, and then press the **[POWER]** key. See if the device reacts or not. If it reacts, turn to step F. If not, **repeat** step E (press the **[POWER]**) every 1 second.
- F. **Test** other keys, if they do not work good enough, return to step A.

Remarks:

- A. In search process, you can press **[SET]** key to switch between Forward and Backward to change search direction and find the right code quickly. If you don't want to change search direction please don't press **[SET]** key during Manual Search.
- B. Whenever you want to leave search mode, press the device key, and the LED will turn off.
- C. In the search mode, besides the **[POWER]** key, all other key's function can be checked normally. That is to say you can test other keys without leaving search mode.
- D. The URC22D-8, The URC22D-8A, The URC22D-8B unit will leave search mode automatically if no key is pressed in 30 seconds.

Set Up By Auto Search

This search is similar to Manual Search but the remote control transmit the power signal automatically instead of manually pressing power key.

- A. Power on the device you want to control. If it is a VCR, it must be inserted with a tape.
- B. Press and hold **[SET]** key, in the meantime, press and hold the Device key (for

example: **TV1**) for more than **3 seconds** and then release them, the auto search begins. The remote control enters into Auto Search, LED flashing, and remote control transmits power signal every 2.0 seconds automatically.

- C. See if the device **reacts** or not, once the device reacts, press any key (except SET key) to stop the auto search.
- D. Test if the other keys work good enough. If most keys work not good enough, please go to step B-D using Auto Search again to find the best code.

Remark: A. whenever you want to leave Auto Search mode, press any key (except SET key) to quit, and the LED will be off. The search is over.

B. When remote control searches through all different type of codes (about 5 minutes), LED will have been on for 2 seconds, then the remote control will quit from search process automatically.

C. In case of you do not stop the auto search on time when you find the device reacts, you may use the Manual Search to search back to find the reactive code.

Device Lock/Unlock

This function will make one device code fixed and can not be changed by code setup by Manual Search or Auto Search:

- A. Strike the device key that you want to fix such as [TV1], [SAT], [AUX], etc
- B. Press and hold the [SET] key, then press the [7] key, then release the both pressed keys, the LED will blink once then off, the code of the current device are locked.
- C. If you want unlock the current code, press and hold the [SET] key, Then press the [8] key, then release the pressed keys, the LED will blink once and then off, the current code unlocked.

Remark:

A. The fixed code can be changed by unlock or reset only.

B. Only one code can be locked in all devices. If you try to set this function at difference devices, the system would reserve the last setup only. You can make the operation of unlock under any device.

Volume and Mute Lock/Unlock

This function makes you very convenient when you only use one device to adjust volume. For example, you may use your amplifier as your main volume control, then you can use this function to fix the volume and mute key of AUX (amplifier inside AUX), no matter which device you will use (even you will use TV, VCR etc, the volume and mute key of remote control still control the volume and mute of your amplifier).

- A. Strike the device key that the volume and mute key you want to fix such as [TV1], [SAT], [AUX], etc.
- B. Press and hold the [SET] key, then press the [5] key, then release the both pressed keys, the LED will blink once then off, the volume and mute key of the current device are locked.

- C. If you want unlock the current volume and mute key, press and hold the [SET] key, Then press the [6] key, then release the pressed keys, the LED will blink once and then off, the current volume key and mute key are unlocked.

Reset

This will erase all the set-up data you programmed.

- A. Press and hold the [SET] key.
- B. Then press and hold the [0] key for more than **3 seconds**.
- C. Then release the both pressed keys, the LED will blink twice then off, your remote control reset.

Punch-through function:

When you change the device from one to another, if another device doesn't have volume key and mute key, the remote control will remain the volume key and mute key of last device.

Device code display:

The device code is a 3-digit number and any one of the digits can be indicated:

- A. Press and hold the [SET] key, in the mean time press the digit that you want to display, such as 1,2,or3.
- B. **Release** the both pressed keys.
- C. Count the times that the LED blinks, and the blinking time is the digit. If there is no blink, the digit is zero. For example:
 - SET+1 (first digit): LED blinks 1 time
 - SET+2 (second digit): LED blinks 3 times
 - SET+3 (third digit): LED blinks 8 times

The indicated code is: 138

Others

- A. After you have finished set-up, **first** please press the device key (TV or VCR...) on remote control that you want to use, then operate your remote control normally.
- B. If you find your remote control disorder, please take out the batteries, press keys several times to discharge the unit and then you put the batteries again. Your remote control may be normally now.

Device Brand Code:

URC22D BRAND CODE LIST

2003/05/27

TV

Brand	TV
A.R. Systems	023
Accent	023
Acme	004,010
Acura	010
ADA	015
ADC	002,006
Admiral	001,002,003,020,050,054,109,187,196,197
Adyson	004,181,186,210
Agashi	115,179,187,209
Agazi	003
Agb	124
Aiko	004,005,010,023
AIM	023
Aiwa	088,181
Akai	007,009,010,011,012,023,062,069,070,071,126,134,141,170,179
AKI	179
Akiba	012,023,101,115
Akito	023,026
Akura	003,012,023,072,101,115,179,187
Alba	004,010,012,023,028,029,054,063,069,087,142,163,170,179,184,187,195,200
Albiral	038,179,207
Alkos	165
Allorgan	021,027,115,195
Allstar	023
Amplivision	004,073,207,209
Amstrad	003,010,012,014,023,031,069,070,072,075,109,124,202
Anam	010,066,110
Anglo	010
Anitech	003,010,016,023,024,110,183,184
Ansonic	010,015,023
Arc En Ciel	046,112,127,204,207
Arcam Delta	004
Aristona	023,170,195
Arthur Martin	159
Art-Tech	115
ASA	001,017,018,019,050,111

Asberg	023,182,187,195
Astra	010
Astro Sound	115,207
Asuka	003,004,012,101,115,191,209
Atlantic	004,021,022,023,170,182,197
Atori	010
Audiosonic	004,010,012,021,023,112,170
Audioton	004,016,182,198
Ausind	115
Autovox	001,003,004,021,058,102,126
AWA	023
Baird	007,112,172,179,186
Bang&Olufson	001
Barcom	210
Basic Line	010,012,023,101,115,184,186
Bastide	004
Baur	023,119,126,133,170
Bazin	142,179,183,201
Bek nteknik	073
Beko	008,023,035,073,084,209
Beon	023,170
Best	084,114
Bestar	023,073,116
Binatone	004
Black star	130
Blacktron	101,115
Blackway	101,115
Blaupunkt	009,113,117,120,179
Blausonic	207
Blue Sky	012,023,073,101,115
Blue Star	101,121
Bondstec	130
Boots	004,026
Boston	191,208
BPL	023,096,101,121
Brandt	037,046,047,112,127,128,204
Brinkmann	023
Brion Vega	001,023,058,170,208
Bristol	208
Britannia	004
Bruns	001,008,040,044
BSR	027,115,132,197,200,210
BTC	012

Bush	010,012,020,023,025,026,028,029,033,063,069,101,112,116,121,132,133,151,168,170
California	195
Capsonic	003,209
Carad	023
Carena	023,115,209
Carrefour	028
Cascade	010,023
Casio	023,201
Cathay	023,170
CCE	023
Centurion	023,170
Century	001,187
CGE	054,130,132,187,204
CGM	198,202
CIE	115,196,202
Cihan	209
Cimline	010,029,115,181
City	010
Clarivox	038,040,170
Clatronic	003,004,010,012,023,031,084,115,130,179,209
Cofadel	204
Colombia	073
Colombus	182
Concorde	010
Condor	004,022,023,084,101,182,184,187,211
Cont. Edison	204
Contec	004,010,028,030,031,115,142,211
Continental Edison	037,046,047,112,127
Cosmel	010
Crezar	182,202
Crosley	001,130,132
Crown	010,023,054,073,084,096,122,170
Cs Electronics	004,012,130
CTC	130
CTC Clatronic	015,115,187,202,207,210
Cybertron	012
Daewoo	004,010,023,059,095,116,196
Dainichi	012,115
Dansai	003,023,115,170
Dantax	035,149,162,181
Datronic	196,211
Datsura	096,122

Dawa	023,195
Dayton	010
Daytron	023,196
De Graaf	007,020,034
Decca	004,011,023,026,031,124,136,170
Deitron	023
Denko	179,209
Denver	115,211
Desmet	023,170,182
Diamant	023
Digiline	023,181
Digital	115
Dixi	010,023,040,170
Domoh	182
Drean	023
DTS	010
Dual	004,023,090,112,126,127,132,179,195,197,207,211
Dual-Tec	004,010,132,197
Dumont	001,004,015,018,019
Dux	023,170,195
Dynatron	023,170
Elbe	023,038,109,158,180
Elcit	001
Electa	121
Electro Tech	010
Elekta	101
Elektronska	207
Elg	023
Elin	004,017,019,023,170,186,197,198
Elite	012,022,023,179,184,197
Elman	015,132,181,207
Elsay	136,184
Elta	010
Emerson	001,023,101,126,128
Emperor	101
Engel	044,207
Erres	023,170
ESC	023
Estel	207
Etron	010,023
Eurocom	115,207
Euro-Feel	003
Euroline	089,170

Euroman	023,115,179,196,209
Euromann	003,004,084
Europa	023,073
Europhon	004,015,023,026,124,132,202,207
Eurotronic	073
Expert	021,186,188,197
Exquisit	023
Fenner	010,115,116,184,187,195
Ferguson	036,037,038,051,053,082,112,128,164,170,172
Fidelis	182,211
Fidelity	004,020,023,069,097
Filsai	142
Finlandia	007,017,020,111,129,186
Finlux	001,004,011,015,017,018,019,023,052,064,111,124,132,158,168,170
First Line	004,010,027,023,063,130,183
Fisher	001,004,007,019,028,030,040,044,084,132,195,211
Flint	023,149,183,184,187,196,209
Formenti	001,002,004,022,126,132,134,170,182
Fortress	001,002
Fraba	023
France Concept	184
Friac	023
Frontech	003,010,020,050,069,119,130,181,183,184,187
Fujitsu	011,021,115,197,207
Funai	003,027,115,211
Galaxi	023,054,084
Galaxis	023
Galeria	196
Galway	184
GBC	010,028,132,198,202
GCM	115,195
GEC	004,011,016,023,024,042,050,124,126,133,136,170,186
Geloso	010,016,020,132
General Technic	010
Genexxa	012,023,050,115
Germanvox	202
Goldhand	016
Goldstar	004,010,013,020,023,041,085,094,130,132,151,170,210
Goodmans	003,010,011,023,028,029,069,094,112,116,128,154,161,170
Gorenje	084
GPM	012,115,210
Gradiente	023
Graetz	050,126,143,188

Granada	004,007,011,020,023,028,032,055,065,124,128,129,134,135,139,170
Grandin	010,012,023,101,121,170,184
Gronic	115,180,187
Grundig	009,018,023,092,102,117,118,137,179,185
GTT	187,211
Halifax	003,004
Hampton	004,183,202
Hanseatic	004,008,010,022,023,027,028,074,096,101,119,126,132,170
Hantarex	010,023,124
Hantor	023
Harwood	023,186
Hauppauge	023
HCM	003,004,007,010,023,075,101,121,202,211
Hemmerman	183,201
Hifivox	112,204
Higashi	179
Highline	023
Hinari	007,010,012,023,028,044,115,138,161,170,181
Hisawa	012,101,115,121,149
Hitachi	004,011,017,020,023,024,028,034,042,046,047,048,049,050,112,119,124,126,132,133,139,143,145,186
Hitsu	115,179
Hornophone	023
Hoshai	012,115,198
Huanyu	004,116
Hygashi	004
Hyper	004,010,130,132,198,202
Hypson	003,004,023,101,115,121,170,209
Iberia	023
Ibervisao	188,207
Ibico	196
ICE	003,004,010,012,023,069,115,187,210
Imperial	023,050,054,084,130,132,187
Indesit	025,102
Indiana	023,170
Ingelen	050,188
Ingersol	010
Inno Hit	004,010,011,012,023,094,124,170,205,211
Innovation	003,010,062,069,088,104,108,112,116,151,155,157,169,176,177,178
Interbuy	010,110,130
Interfunk	001,023,050,112,126,130,170
Internal	023
Intersound	182

Intervision	003,004,015,023,101,110
Irradio	010,012,023,069,115,170
Iskra	016,183
Isukai	012,023,101,115
ITC	004,132,184,198,204
ITE	207
ITL	196
ITS	012,023,069,101,115,121
ITT	010,050,062,086,126,133,134,135,143,144,188
ITV	023
JEC	165
Jet Point	199
JVC	028,069,082,189
Kaisui	004,010,012,023,101,115,121
Kamosonic	004
Kamp	004
Kapsch	007,021,050,188,197
Karcher	004,010,017,023,038,101,170
Kasai	115
Kendo	015,020,023,029,109,180,181,183,186,196,197,207
Kennedy	016,021,132,182,197
Kennex	182,198,202
Kerion	115,182
Kingsley	004
Kitt	115
Kneissel	023,115,175,180,182,196
Kolster	023,187,209,210
Konka	012,023,179,206
Kontakt	204
Korpel	023,170
Korting	001,022
Kosmos	023
Kotron	202
Koyoda	010
Kronne	180
KTV	004,210
Kuba	186,195
Kuro	007,096,122
Kyoto	038,142
Lavis	211
Lenco	010,023,198,202
Lenoir	004,010,196,199,208,211
Lesa	130,187

Leyco	003,011,023,027,170,209
LG	004,010,013,020,023,041,085,089,094,130,132,150,151,170,210
Liesenk	170
Liesenkotter	023,179,195
Life	003,010,062,069,088,104,108,112,116,151,155,157,169,176,177,178
Lifetec	003,010,023,062,069,088,104,108,112,116,151,155,157,169,176,177,178, 209,211
Loewe	023,098,099
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Logik	031
Luma	020,021,023,126,170,186,197
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Luxor	004,020,048,078,094,102,126,133,139,147
Madison	023,115,182
Magnadyne	001,015,124,130,132,170,187
Magnafon	004,015,017,124,182,183,195,207
Magnavox	023
Magnum	003,010,062,069,088,104,108,112,116,151,155,157,169,176,177,178
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Manesth	003,004,022,023,029,170,181,182,184,188
Manhattan	023
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Matsui	004,005,010,011,014,020,023,026,027,028,029,031,063,069,092,124,148, 149,165,170,174,181,200
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Mediator	023,170,195
Medion	003,010,023,062,069,088,104,108,112,116,151,155,157,169,176,177,178, 211
M-Electronic	004,010,017,019,023,037,050,069,110,111,112,116,170
Memorex	010
Memphis	010,011,114
Mercury	023
Metz	001,076,081,117,152,153,191
Micromaxx	003,010,023,062,069,088,104,108,112,116,151,155,157,169,176,177,178
Microstar	003,010,062,069,088,104,108,112,116,151,155,157,169,176,177,178
Minerva	018,102,117,179,185

Minoka	023
Mitsubishi	001,023,028,031,055,056,061,099,102,117,171,192
Mivar	004,008,044,074,094,124,185
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MTC	133
Multi System	170
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Multitech	004,010,015,020,023,028,046,115,130,132,170,198,207
Murphy	004,019,134
NAD	126
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Naiko	023
Nakimura	023
Naonis	020,109
National	065,102,194
NEC	023,028,057
Neckermann	001,004,009,020,023,084,119,133,170
NEI	023,069,114,115,170,183,199
Nesco	130
Neufunk	023
New World	012
Newmar	182,183,207
Newtech	010,023
Nicamagic	004
Nikkai	003,004,011,012,023,114,115,165,170,186,211
Nikkei	198,202
No blex	007,023,184,199
Nobliko	004,015,018
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Nokia	050,062,064,086,126,133,134,135,143,144,188
Nordic	115,181
Nordmende	023,025,037,046,047,050,058,112,127,128,204
Nordvision	170
Nordway	142
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Oceanic	050,086,126,143,188
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Okano	023,084,187,198
Onceas	004,196,211
Onwa	070,115,196
Opera	023
Orbit	023

Orion	010,014,022,023,027,029,031,063,076,100,124,143,148,151,160,170,181
Orline	023
Ormond	151
Orsow'e	207
Osaki	003,004,005,011,012,023,075,166
Osio	023
OSO	012
Osume	011,030
Otto Versand	002,004,009,022,023,028,112,119,121,122,126,132,133,170
Pael	004,017,179
Palladium	004,013,023,084
Palsonic	023
Panama	003,004,010,023,166
Panasonic	023,050,065,066,067,102,125,126,143,152,153,194
Panavision	023
Pathe Cinema	004,008,022,038,073,074,132,182,207,211
Pathe Marconi	038,046,047,112,127,204
Pausa	010
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Perdio	005,011,022,023,181,182,207
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Philharmonic	179
Philco	001,023,054,130,132,187
Philharmonic	004,166
Philips	001,004,023,039,042,089,090,112,116,126,132,156,170,195
Phoenix	001,023,170,182,195
Phonola	001,023,170,195
Pioneer	023,037,050,112,146,170,188
Plantron	003,023
Poppy	010,211
Prandoni	115,182,197,207
Prandoni-Prince	020,124,126
Precision	004,166
Prima	010,050
Prinz	048,142,161,186,195
Profex	010,126
Profilo	151
Profitronic	023
Proline	011,023,063,181,184,209
Prosonic	023,043,108,151,162,170
Protech	003,004,010,015,023,114,130,132,133,166,170
Provision	023,170
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Pymi	010
Quasar	130
Quelle	003,004,017,018,019,023,027,031,117,126,130,132,151,170
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Radiola	023,039,170,195
Radiomarelli	001,023,124,130,187
Radionette	017,019,188
Radioshack	023
Radioton	179,211
Radiotone	008,023
Rank	018,028
RBM	018
RCA	032
Recor	023
Rectiligne	023
Rediffusion	126
Redstar	023
Reflex	023
Revox	023,170,190
REX	003,020,021,050,109,158,197
RFT	001,008,040,044
R-Line	023,170
Roadstar	003,010,012,023,198,202
Robotron	001,044
RTF	001
Saba	001,037,046,047,050,059,112,124,126,127,128,143,204
Saccs	038
Sadec	115
Sagem	101,184
Saisho	003,004,010,014,029,031,124,181,183,200
Saito	207
Salora	020,048,050,094,096,108,109,119,122,126,129,132,133,135,139,186
Sambers	015,017,124,207,211
Samsung	003,004,010,011,023,031,084,091,094,105,106,166,170,173,199
Sandra	004
Sandra Color	016,195
Sansui	023,115,183,196
Sanwa	188
Sanyo	004,007,008,011,017,019,023,028,030,031,032,040,074,096,128,132,135
Save	023
SBR	023,042,170

Schaub Lorenz	050,086,126,143,188
Schneider	004,012,023,039,069,072,112,126,130,132,170
Schneider France	115,195
Scott	182
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Anitsch	091
ASA	025,026,086
Asuka	002,025,026,041
Baird	002,003,005,014,027,028,045
Basic Line	004,014,019,041
Baur	026,032
Bestar	014,019
Black Panther Line	014
Blaupunkt	026,029,030,031,032,039,071,083
Bondstec	019
Brandt	066,067
Brion Vega	033,085
Broksonic	042
Bush	004,014,015,016,017,041,052
Catron	019
CGE	002,003,082
CGM	089
Cimline	004,041
Clatronic	019
Combitech	017
Condor	014,019
Crown	014,019,041
Daewoo	014,019,034,040,079
Dansai	041
Daytron	014
De Graaf	026,035
Decca	002,003,026
Dual	003,026
Dumont	002,026,035,045
Elbe	062
Elin	021
Elta	041
Emerson	053,087
ESC	014
Etzuko	041
Ferguson	003,028,039,043,046,057,067
Fidelity	002
Finlandia	026,035,045
Finlux	002,003,005,026,035,045,050,061
First Line	004,025,034,035,041,061
Fisher	044,045,092

Flint	004
Formenti-Pheonix	026
Frontech	019
Fujitsu	002
Funai	002,095
Galaxy	002
GBC	019,041
GEC	026
Geloso	041
General	019
General Technic	004,017,073
Goldhand	041
Goldstar	002,025,086
Goodmans	002,014,019,021,025,028,041,047,048
Graetz	003,033,045
Granada(uk)	010,026,035,038,039,045,083
Grandin	002,014,019,025,041
Grundig	026,029,032,038,039,041,050,051,052,054,083,084
Hanseatic	025,026
HCM	041,052
Hinari	004,017,041,052,053,087
Hisawa	004
Hitachi	002,003,026,035,037
Hypson	004,041
Impego	019
Imperial	002
Inno Hit	014,019,021,026,041
Innovation	004,017,073
Interbuy	025
Interfunk	026,045,088
Intervision	002
Irradio	025,041
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JVC	003,056,057,058,059,060,082,090
Kaisui	041
Karcher	026
Kendo	004,005,006,014,019,034,063
Kenwood	003
Korpel	041
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Microstar	004,017,073
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Minerva	032,038,039,083
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Bestar	016
BSR	017
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Denon	022,023
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Medion	081,089,090,091,092,093,094
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Micromaxx	081,089,090,091,092,093,094
Micromega	083
Microstar	081,089,090,091,092,093,094
Mission	083
NAD	028,049,084,085,086,087
Naim	083
Nakamichi	056,057
Onkyo	002,058,059,060,061
Panasonic	018,019
Philips	003,063,064,083
Philips Cd-I	064
Philips Cd-V	002
Pioneer	030,034,062
Proton	083
Quad	083
Realistic	006,016,031,032
Roadstar	050,063,065
Rotel	083
Saba	024
SAE	083
Samsung	036
Sansui	003,025,066,067,068,083
Schneider	001,017,083
Scott	016,025
Sharp	029,069,070,071
Siemens	072
Signature	010
Sony	028,035,073,074,075,095,096
Sunwood	015
Tandberg	083
TCM	081,089,090,091,092,093,094
Technics	019,077
Telefunken	024

Tevion	081,089,090,091,092,093,094
Thomson	004,024
Toshiba	049,078,079
Universum	083
Vector Research	020
Victor	044
Yamaha	069,076,080
Yorx	065

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Andover Cablevision	013		
Audio Combi			040
BT Cable	015		
Cabletime	016,017,018,019		
CD Photo			039
CD Video			038
CDR			041
Clyde Cablevision	020		
Cryptovision	021		
Denon		001	
Disco Vision		003	
Filmnet Cablecrypt	022		
Filmnet Comcrypt	022		
GEC	020		
Grundig	011,023	005	043,044,046
Hitachi		003	
Jerrold	036		
Kenwood			052
Linn			043
Magnavox			046
Marantz			043,044,046
Meridian			043
Mitsubishi		005	
Movie Time	035		
NAD		005	047,048,049,050
Naim			043
OAK	026		
Philips		006	043,044,045,046
Philips CD-V		004	

Pioneer	011,027,028,030	003,005	043,055
Quad			043
Radiola		006	
Salora	029		
Samsung	027		057
Sansui			044,046
Satbox	031		
Scientific STS Atlanta	032,033,034		
Sony		002,007,008	051,056,058,059,060,061
Tele+1	022		
Telefunken		005	
Teleservice	012		
Thomson			053
Thorn		009	
Tudi	014		
Video CD			037
Videoway	010		
Visiopass	024		
Westminster Cable	015		
Yamaha			025,042,054

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Akai	010,025
Cyberhome	018
Daewoo	023
Denon	005
Grundig	011
Hitachi	024
Innovation	013,014
JVC	002,027
Kenwood	005
Lasonic	028
LG	016
Life	013,014
Lifetec	013,014
Loewe	011
Magnavox	012
Marantz	003
Medion	013,014

Micromaxx	013,014
Microstar	013,014
Mitsubishi	007
Onkyo	015
Optimus	020
Panasonic	005,017
Philips	003,009,011
Pioneer	020
RCA	006
Samsung	008,024
Schneider	014
Sharp	013
Sony	004,021
TCM	013,014
Technics	005
Tevion	013,014
Thomson	001
Toshiba	003
Yamaha	005,022
Others	019,026

《END》

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Agb	124
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Akito	023,026
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Atori	010
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Tomashi	101,115,121
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Toshiba	018,028,083,165
Towada	050,132
Trans Continens	023
Transonic	023
Trevi	198,199,202
Trident	166
Triumph	014,017,023,083,124,202,211
Tsoshi	115
Uher	017,021,022,023,050,184,190,195,197
Ultravox	001,004,015,023,130,132,134,182,183,186,187,201
Unic Line	023,115,182,183
Unic Radio	073,180,188
Uniden	115
United	023,073,089,170
Universum	003,017,019,023,084,103,111,123,130,132,170
Univox	023,038,187,188,195,207
Uranya	182,187,211
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Vanguard	115,186
Vestel	023,050,170,183,199
Vexa	010,016,023,115,170
Victor	028,066
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Videologique	004,012

Videosat	130
Videosystem	023
Videoton	142,184
Vidion	196
Visiola	004,180
Vision	022,023,182
Visorex	097
Vistar	049,188
Vortec	023,170
Voxson	001,020,023,050,109,189,197,208
Walkie	197
Waltham	004,023,038,049,139,142,166
Watson	022,023,170
Watt Radio	004,015,016,038,132,187,201,210
Wega	001,023,028
Wellfund	198
Weltblick	023,170,182
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Wharfedale	023
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Windstar	101
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Yamishi	023,101,115,184
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Yoko	003,004,010,012,023,024,115,166,170,183
Yorx	012,179,196
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Aiwa	001,002,003,004,017
Akai	003,005,006,007,008,009,063,082
Akiba	041
Akura	003,013,041
Alba	004,014,015,016,017,019,041
Allorgan	073
Ambassador	019

Amstrad	002,022,023
Anitech	041
Anitsch	091
ASA	025,026,086
Asuka	002,025,026,041
Baird	002,003,005,014,027,028,045
Basic Line	004,014,019,041
Baur	026,032
Bestar	014,019
Black Panther Line	014
Blaupunkt	026,029,030,031,032,039,071,083
Bondstec	019
Brandt	066,067
Brion Vega	033,085
Broksonic	042
Bush	004,014,015,016,017,041,052
Catron	019
CGE	002,003,082
CGM	089
Cimline	004,041
Clatronic	019
Combitech	017
Condor	014,019
Crown	014,019,041
Daewoo	014,019,034,040,079
Dansai	041
Daytron	014
De Graaf	026,035
Decca	002,003,026
Dual	003,026
Dumont	002,026,035,045
Elbe	062
Elin	021
Elta	041
Emerson	053,087
ESC	014
Etzuko	041
Ferguson	003,028,039,043,046,057,067
Fidelity	002
Finlandia	026,035,045
Finlux	002,003,005,026,035,045,050,061
First Line	004,025,034,035,041,061
Fisher	044,045,092

Flint	004
Formenti-Pheonix	026
Frontech	019
Fujitsu	002
Funai	002,095
Galaxy	002
GBC	019,041
GEC	026
Geloso	041
General	019
General Technic	004,017,073
Goldhand	041
Goldstar	002,025,086
Goodmans	002,014,019,021,025,028,041,047,048
Graetz	003,033,045
Granada(uk)	010,026,035,038,039,045,083
Grandin	002,014,019,025,041
Grundig	026,029,032,038,039,041,050,051,052,054,083,084
Hanseatic	025,026
HCM	041,052
Hinari	004,017,041,052,053,087
Hisawa	004
Hitachi	002,003,026,035,037
Hypson	004,041
Impego	019
Imperial	002
Inno Hit	014,019,021,026,041
Innovation	004,017,073
Interbuy	025
Interfunk	026,045,088
Intervision	002
Irradio	025,041
ITT	003,005,033,045,055,056
ITT/Nokia	082,085,088,089,090,092
ITV	014,025
JVC	003,056,057,058,059,060,082,090
Kaisui	041
Karcher	026
Kendo	004,005,006,014,019,034,063
Kenwood	003
Korpel	041
Lenco	014
Leyco	041

LG	002,025
Lifetec	004,017,073
Loewe	031
Loewe Opta	025,026,038,039,083
Logik	021,041,093
Luma	093
Lumatron	014
Luxor	005,045,047,061,089
M-Electronic	002
Magnasonic	045,089
Manesth	034,041
Marantz	026,039,047,062,083
Matsui	004,017,025,049,053,064, 093
Mediator	026
Medion	004,017,073
Memorex	002,010,025,044,045,086
Memphis	041
Metz	030,031,032,038,039,083,084
Micromaxx	004,017,073
Microstar	004,017,073
Migros	002
Minerva	032,038,039,083
Mitsubishi	002,026,057,061
Multitech	002,019,026,041
Murphy	002
NAD	036
National	029,031
NEC	003,057,062
Neckermann	003,026,033,038,053,082,083, 087
NEI	026
Nesco	041
Nikkai	019,065
Nobliko	038,083
Nokia	003,005,010,021,033,045,055
Nordmende	003,056,057,066,067,082,090
Oceanic	002,003,010
Okano	004,063
Orion	004,015,017,048,049,053,064, 087,093
Orson	002
Osaki	002,025,041,086
Otto Versand	026,032
Palladium	003,025,039,041,063
Panasonic	029,030,031,076,088

Pathe Cinema	064
Pathe Marconi	003
Pentax	035
Penney	062
Perdio	002
Philco	062
Philips	012,026,038,039,054,056,077
Phonola	026
Pioneer	026,036,057
Portland	014,019
Prinz	002
Profex	041
Proline	002,052
Pye	026
Quartz	045
Quelle	002,026,027,032,033,038,039,045,053,083, 087
Radiola	026
RCA	094
REX	003,056,090
RFT	019,026
Roadstar	014,021,025,041
Saba	003,046,056,066,067,081,082,090
Saisho	004,017,041,049,053,064, 087,093
Salora	005,045,055,061
Samsung	021,073,074
Samurai	019
Sansui	003,013,057
Sanyo	027,044,045,089,092
Saville	017
SBR	026
Schaub Lorenz	002,003,005,033,045
Schneider	002,004,014,019,025,026,034,041
SEG	021,041
SEI Sinudyne	026
Seleco	003
Sentra	019
Sentron	041
Sharp	010,011,047
Shintom	041,045
Shivaki	025
Siemens	025,032,038,039,045,050,083,089
Silva	025
Sinudyne	026

Solavox	019
Sonoko	014
Sonolor	010
Sontec	025
Sony	018,020,024,070,071,072,075,078
Standard	014
Strong	013
Sunkai	004
Sunstar	002
Suntronic	002
Sunwood	041
Taisho	004
Tandberg	032,053, 093
Tashiko	002,010
Tatung	002,003,026
TCM	004,017,073
TEC	019
Technics	029,031
Teleavia	003
Telefunken	003,056,057,058,066,067,068,069,080,081,082,090
Telemeister	095
Tenosal	041
Tensai	002,025,041
Tevion	004,017,073
Thomson	003,012,056,057,058,067,080,081,082,090
Thorn	003,045,064
Thorn-Ferguson	082
Tivo Hdd	012,078
TMK	087
Tokai	025,041
Tonsai	041
Toshiba	003,026,034,056,061,090
Towada	041
Towika	041
Triumph	053
TVA	019
Uher	025,033
Ultravox	033,085
Unitech	021
United Quick Star	014
Universum	002,005,009,022,025,026,032,039,054
Vector	062
Victor	057,058

Videon	004,017,073
Video	062
Weltblick	025
White	085,086
White Westinghouse	033,085,086
Xenon	093
Yamishi	041
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Yoko	019,021,025,041
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Alba	003,004,005,006,007,008,009,102,133,204
Aldes	007,010,011
Allantide	015
Allsat	012,014,055,085,205,206
Allsonic	010,029
Ampere	024
Amstrad	017,018,019,021,023,154,193
Ankaro	010,029,214
Anttron	004,009,014,206
Apollo	004
Arcon	017,024,025,027,056
Armstrong	021
ASA	200
Asat	085
AST	036
Aston	164
Astra	003,021,030,031,032,033,034,093,196
Astro	009,011,029,040,041,042
Audioton	009,055
Aura	034
Austar	192,193,212
Axis	017,029,033,050
Barcom	025,196
Beko	204
Best	025,029,214
Blaupunkt	040
Boca	021,093
Brain wave	044

Brandt	136,137,138,145
Broadcast	043
Brunor	126
Bskyb	154
BT satellite	003,022,145
Bush	005,006,012,045,102,133,195,205,206
Cambridge	003,046
Camundosat	047
Canal Satellite	178,203
Canal+	035,178
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Chaparral	098
Citycom	005,052
Clatronic	044
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CNT	011
Columbus	069
Commlink	010
Comtech	050,051
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DDC	007
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Delega	007
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DEW	050
Diamond	054
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DNT	039,085
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Drake	056,128
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Einhell	004,010,015,019,021
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Elta	004,008,029,055,085
Emanon	004
Emme Esse	029,031,045,083,179,195
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Eurodec	062,063
Europa	022,193
Eurosat	021
Eurosky	021,029,031
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Exator	003,004,009
Ferguson	005,012,014,045,062,064,065,066,195,204,205,206,207
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Kathrein	015,040,042,052,085,087,088,089,090,098
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Lasat	011,029,091,092,093,136,137,138
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Life	137,153
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Luxor	019,030,115,122,196,197,198,199
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Manhattan	005,011,045,055,195,204
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Maspro	005,045,064,075,098,129,195,207
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Mediasat	033,178,203
Medion	029,085,095,137,153,156,157,174,175,176,177,214,215
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Metronic	004,009,010,171
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Micro Technology	015,034,061
Micromaxx	029,085,095,137,153,156,157,174,175,176,177,214,215
Microstar	029,085,095,137,153,156,157,174,175,176,177,214,215
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Novis	044
Oceanic	015,054,061
Octagon	004,008,009,050
Okano	021,083,087
On Digital	185,186,202,210
Optex	052,055
Orbit	015,036
Orbitech	004,103
Origo	105,212
Osat	009
Otto Versand	040

Oxford	003
Pace	005,012,014,040,045,064,074,099,107,112,130,154,178,191,195,204,205,206,207,208,209,210,211,212,213
Pacific	054
Palcom	007,032,069,071
Palladium	021,075,077
Paltec	032
Panasonic	005,045,154,195,204
Panda	005,012,196,204,205
Patriot Worldsat	003
Philips	005,014,035,037,045,049,059,075,085,086,099,104,121,124,132,169,170,178,180,181,195,203,204,206
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Predki	044
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Protek	015,054
Proton	015
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Satcom	043,095,106
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Satford	043
Satmaster	043
Satpartner	004,009,011,044,068,083
Schneider	049
Schwaiger	013,014,052,054,089,095,137,144,146,147,152,155,157,168,206
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Skymaster	010,095,148,156,158,159,160,161,162
Skymax	015,085
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SR	021,065,093
Star Trak	004
Starion	034
Starland	156
Starring	044
Stella	047
STR	178,184
Strong	004,009,029,048,051,081,133,178,184,203
Sumida	021
Sunstar	021,093,107
Tandberg	062,181
Tandy	009
Tantec	005,045,064,069,071,195,204,207
Tatung	053,204
TCM	029,085,095,137,153,156,157

Techniland	043
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Teco	021,093
Telanor	007
Telasat	095
Tele+	178,182
Telecom	047
Teledirekt	206
Telefunken	004,045,131,136,137,138,145,195
Teleka	009,021,027,039,088
Telemaster	011
Telemax	091
Telesat	095
Telestar	071
Televs	005,195,204
Telewire	055
Tevion	029,085,095,137,153,156,157,176,177
Thomson	005,065,084,131,139,145,173,182,187,195,203,204
Thorens	054
Thorn	005,012,014,045,064,066,195,204
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Tonna	005,043,055,204
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TPS	141
Triad	015,036,038,068,113
Triasat	072
Triax	040,071,136,203
Tristar	051
Uniden	114
Unisat	021,050
Unitor	025,044
Universum	040,067,075,079,200
Variostat	040
Vector	015,061
Ventana	085
Via Digital	135,139,187,188
Visiopace	181
Visiosat	044,055,156,163,164,165,166,167
Vortec	004,027,078
V-Tech	036,038,104,115
Wevasat	005,015
Wewa	005,204
Winersat	044

Wisi	005,036,038,039,040,113,116,117,118,204
Wittenberg	017
Wolsey	082
Woorisat	011
Zehnder	011,029,038,087,089,119
Zenith	190
Zodiac	009
Others	001,002,125,140

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Brand	CD
Adcom	006
Aiwa	007,008,009,088
Akai	010,011,012,013
Alba	014
Arcam	083
Asuka	015
Audiosonic	015
Bestar	016
BSR	017
Bush	018
California Audio Lab	019
Carrera	020
Condor	017
Crown	021
Denon	022,023
Dual	015,024
Emerson	006,016,025
Fisher	026,027
Genexxa	016,025,028,029,030,031,032,033,034
Goldstar	020
Goodmans	025
Grundig	037,083
Harmon Kardon	010,038,039,040
Hitachi	006,024,041,042,043
Innovation	081,089,090,091,092,093,094
Intersound	015
JVC	044
Kenwood	026,029,045,046,047,082
Kodak	005
LG	020
Lifetec	081,089,090,091,092,093,094

Linn	083
Luxman	048,049
M Electronic	050
Magnum	081,089,090,091,092,093,094
Marantz	051,052,083
Matsui	051,053,083
Mcintosh	054,055
Medion	081,089,090,091,092,093,094
Memorex	006,016,025,031,034
Meridian	083
Micromaxx	081,089,090,091,092,093,094
Micromega	083
Microstar	081,089,090,091,092,093,094
Mission	083
NAD	028,049,084,085,086,087
Naim	083
Nakamichi	056,057
Onkyo	002,058,059,060,061
Panasonic	018,019
Philips	003,063,064,083
Philips Cd-I	064
Philips Cd-V	002
Pioneer	030,034,062
Proton	083
Quad	083
Realistic	006,016,031,032
Roadstar	050,063,065
Rotel	083
Saba	024
SAE	083
Samsung	036
Sansui	003,025,066,067,068,083
Schneider	001,017,083
Scott	016,025
Sharp	029,069,070,071
Siemens	072
Signature	010
Sony	028,035,073,074,075,095,096
Sunwood	015
Tandberg	083
TCM	081,089,090,091,092,093,094
Technics	019,077
Telefunken	024

Tevion	081,089,090,091,092,093,094
Thomson	004,024
Toshiba	049,078,079
Universum	083
Vector Research	020
Victor	044
Yamaha	069,076,080
Yorx	065

AUX

	AUX		
Brand	CABLE	LD	OTHER
Andover Cablevision	013		
Audio Combi			040
BT Cable	015		
Cabletime	016,017,018,019		
CD Photo			039
CD Video			038
CDR			041
Clyde Cablevision	020		
Cryptovision	021		
Denon		001	
Disco Vision		003	
Filmnet Cablecrypt	022		
Filmnet Comcrypt	022		
GEC	020		
Grundig	011,023	005	043,044,046
Hitachi		003	
Jerrold	036		
Kenwood			052
Linn			043
Magnavox			046
Marantz			043,044,046
Meridian			043
Mitsubishi		005	
Movie Time	035		
NAD		005	047,048,049,050
Naim			043
OAK	026		
Philips		006	043,044,045,046
Philips CD-V		004	

Pioneer	011,027,028,030	003,005	043,055
Quad			043
Radiola		006	
Salora	029		
Samsung	027		057
Sansui			044,046
Satbox	031		
Scientific STS	Atlanta 032,033,034		
Sony		002,007,008	051,056,058,059,060,061
Tele+1	022		
Telefunken		005	
Teleservice	012		
Thomson			053
Thorn		009	
Tudi	014		
Video CD			037
Videoway	010		
Visiopass	024		
Westminster Cable	015		
Yamaha			025,042,054

DVD

Brand	DVD
Akai	010,025
Cyberhome	018
Daewoo	023
Denon	005
Grundig	011
Hitachi	024
Innovation	013,014
JVC	002,027
Kenwood	005
Lasonic	028
LG	016
Life	013,014
Lifetec	013,014
Loewe	011
Magnavox	012
Marantz	003
Medion	013,014

Micromaxx	013,014
Microstar	013,014
Mitsubishi	007
Onkyo	015
Optimus	020
Panasonic	005,017
Philips	003,009,011
Pioneer	020
RCA	006
Samsung	008,024
Schneider	014
Sharp	013
Sony	004,021
TCM	013,014
Technics	005
Tevion	013,014
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Toshiba	003
Yamaha	005,022
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《END》

URC22D BRAND CODE LIST

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Alba	004,014,015,016,017,019,041
Allorgan	073
Ambassador	019

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Anitech	041
Anitsch	091
ASA	025,026,086
Asuka	002,025,026,041
Baird	002,003,005,014,027,028,045
Basic Line	004,014,019,041
Baur	026,032
Bestar	014,019
Black Panther Line	014
Blaupunkt	026,029,030,031,032,039,071,083
Bondstec	019
Brandt	066,067
Brion Vega	033,085
Broksonic	042
Bush	004,014,015,016,017,041,052
Catron	019
CGE	002,003,082
CGM	089
Cimline	004,041
Clatronic	019
Combitech	017
Condor	014,019
Crown	014,019,041
Daewoo	014,019,034,040,079
Dansai	041
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Decca	002,003,026
Dual	003,026
Dumont	002,026,035,045
Elbe	062
Elin	021
Elta	041
Emerson	053,087
ESC	014
Etzuko	041
Ferguson	003,028,039,043,046,057,067
Fidelity	002
Finlandia	026,035,045
Finlux	002,003,005,026,035,045,050,061
First Line	004,025,034,035,041,061
Fisher	044,045,092

Flint	004
Formenti-Pheonix	026
Frontech	019
Fujitsu	002
Funai	002,095
Galaxy	002
GBC	019,041
GEC	026
Geloso	041
General	019
General Technic	004,017,073
Goldhand	041
Goldstar	002,025,086
Goodmans	002,014,019,021,025,028,041,047,048
Graetz	003,033,045
Granada(uk)	010,026,035,038,039,045,083
Grandin	002,014,019,025,041
Grundig	026,029,032,038,039,041,050,051,052,054,083,084
Hanseatic	025,026
HCM	041,052
Hinari	004,017,041,052,053,087
Hisawa	004
Hitachi	002,003,026,035,037
Hypson	004,041
Impego	019
Imperial	002
Inno Hit	014,019,021,026,041
Innovation	004,017,073
Interbuy	025
Interfunk	026,045,088
Intervision	002
Irradio	025,041
ITT	003,005,033,045,055,056
ITT/Nokia	082,085,088,089,090,092
ITV	014,025
JVC	003,056,057,058,059,060,082,090
Kaisui	041
Karcher	026
Kendo	004,005,006,014,019,034,063
Kenwood	003
Korpel	041
Lenco	014
Leyco	041

LG	002,025
Lifetec	004,017,073
Loewe	031
Loewe Opta	025,026,038,039,083
Logik	021,041,093
Luma	093
Lumatron	014
Luxor	005,045,047,061,089
M-Electronic	002
Magnasonic	045,089
Manesth	034,041
Marantz	026,039,047,062,083
Matsui	004,017,025,049,053,064, 093
Mediator	026
Medion	004,017,073
Memorex	002,010,025,044,045,086
Memphis	041
Metz	030,031,032,038,039,083,084
Micromaxx	004,017,073
Microstar	004,017,073
Migros	002
Minerva	032,038,039,083
Mitsubishi	002,026,057,061
Multitech	002,019,026,041
Murphy	002
NAD	036
National	029,031
NEC	003,057,062
Neckermann	003,026,033,038,053,082,083, 087
NEI	026
Nesco	041
Nikkai	019,065
Nobliko	038,083
Nokia	003,005,010,021,033,045,055
Nordmende	003,056,057,066,067,082,090
Oceanic	002,003,010
Okano	004,063
Orion	004,015,017,048,049,053,064, 087,093
Orson	002
Osaki	002,025,041,086
Otto Versand	026,032
Palladium	003,025,039,041,063
Panasonic	029,030,031,076,088

Pathe Cinema	064
Pathe Marconi	003
Pentax	035
Penney	062
Perdio	002
Philco	062
Philips	012,026,038,039,054,056,077
Phonola	026
Pioneer	026,036,057
Portland	014,019
Prinz	002
Profex	041
Proline	002,052
Pye	026
Quartz	045
Quelle	002,026,027,032,033,038,039,045,053,083, 087
Radiola	026
RCA	094
REX	003,056,090
RFT	019,026
Roadstar	014,021,025,041
Saba	003,046,056,066,067,081,082,090
Saisho	004,017,041,049,053,064, 087,093
Salora	005,045,055,061
Samsung	021,073,074
Samurai	019
Sansui	003,013,057
Sanyo	027,044,045,089,092
Saville	017
SBR	026
Schaub Lorenz	002,003,005,033,045
Schneider	002,004,014,019,025,026,034,041
SEG	021,041
SEI Sinudyne	026
Seleco	003
Sentra	019
Sentron	041
Sharp	010,011,047
Shintom	041,045
Shivaki	025
Siemens	025,032,038,039,045,050,083,089
Silva	025
Sinudyne	026

Solavox	019
Sonoko	014
Sonolor	010
Sontec	025
Sony	018,020,024,070,071,072,075,078
Standard	014
Strong	013
Sunkai	004
Sunstar	002
Suntronic	002
Sunwood	041
Taisho	004
Tandberg	032,053, 093
Tashiko	002,010
Tatung	002,003,026
TCM	004,017,073
TEC	019
Technics	029,031
Teleavia	003
Telefunken	003,056,057,058,066,067,068,069,080,081,082,090
Telemeister	095
Tenosal	041
Tensai	002,025,041
Tevion	004,017,073
Thomson	003,012,056,057,058,067,080,081,082,090
Thorn	003,045,064
Thorn-Ferguson	082
Tivo Hdd	012,078
TMK	087
Tokai	025,041
Tonsai	041
Toshiba	003,026,034,056,061,090
Towada	041
Towika	041
Triumph	053
TVA	019
Uher	025,033
Ultravox	033,085
Unitech	021
United Quick Star	014
Universum	002,005,009,022,025,026,032,039,054
Vector	062
Victor	057,058

Videon	004,017,073
Video	062
Weltblick	025
White	085,086
White Westinghouse	033,085,086
Xenon	093
Yamishi	041
Yokan	041
Yoko	019,021,025,041
Others	081

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Akai	003,085
Alba	003,004,005,006,007,008,009,102,133,204
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Allantide	015
Allsat	012,014,055,085,205,206
Allsonic	010,029
Ampere	024
Amstrad	017,018,019,021,023,154,193
Ankaro	010,029,214
Anttron	004,009,014,206
Apollo	004
Arcon	017,024,025,027,056
Armstrong	021
ASA	200
Asat	085
AST	036
Aston	164
Astra	003,021,030,031,032,033,034,093,196
Astro	009,011,029,040,041,042
Audioton	009,055
Aura	034
Austar	192,193,212
Axis	017,029,033,050
Barcom	025,196
Beko	204
Best	025,029,214
Blaupunkt	040
Boca	021,093
Brain wave	044

Brandt	136,137,138,145
Broadcast	043
Brunor	126
Bskyb	154
BT satellite	003,022,145
Bush	005,006,012,045,102,133,195,205,206
Cambridge	003,046
Camundosat	047
Canal Satellite	178,203
Canal+	035,178
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Chaparral	098
Citycom	005,052
Clatronic	044
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CNT	011
Columbus	069
Commlink	010
Comtech	050,051
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Cosat	055
Crown	021
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DNT	039,085
Dong Woo	092
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Dynasat	031
Echostar	026,039,057,058,060,073,149,150,151,156,188,203

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Einhell	004,010,015,019,021
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Elta	004,008,029,055,085
Emanon	004
Emme Esse	029,031,045,083,179,195
Ep Sat	005,204
Eurocrypt	196,204
Eurodec	062,063
Europa	022,193
Eurosat	021
Eurosky	021,029,031
Eurospace	061
Eurostar	008,021,080
Exator	003,004,009
Ferguson	005,012,014,045,062,064,065,066,195,204,205,206,207
Fidelity	017,019
Filmnet	182
Finlandia	005,196,204
Finlux	003,005,030,067,072,079,196,197,204
Finnsat	050,062
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Galaxis	010,028,029,033,050,055,070,076,152,153,192,193,203
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Imperial	102,133
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Intertronic	021
Intervision	055
Italtel-Stream	179,180
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Johansson	044
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Kathrein	015,040,042,052,085,087,088,089,090,098
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KR	009
Kreiselmeier	040
Kyostar	004
Lasat	011,029,091,092,093,136,137,138
Lenco	004,022,068,094
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Lennox	055
Leyco	003
LG	068
Life	137,153
Lifesat	029,085,095,137,153,156,157,174,175,176,177,214,215
Lifetec	029,085,095,137,153,156,157
Lion	015,061
Lorraine	068
Lupus	029,214
Luxor	019,030,115,122,196,197,198,199
Maca b	062
Manhattan	005,011,045,055,195,204
Marantz	085
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Maspro	005,045,064,075,098,129,195,207
Matsui	003,075,145
Mb	095
Media box	203
Mediamarkt	021
Mediasat	033,178,203
Medion	029,085,095,137,153,156,157,174,175,176,177,214,215
Mega	085
Metronic	004,009,010,171
Metz	040
Micro Technology	015,034,061
Micromaxx	029,085,095,137,153,156,157,174,175,176,177,214,215
Microstar	029,085,095,137,153,156,157,174,175,176,177,214,215
Mimtech	096
Minerva	040,075
Mitsubishi	005,040,145,204
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Morgans	021,085,093,097
Multichoice	172
Multistar	087,092
Muratto	038,068
Navex	044
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Network	014,206
Neuhaus	033,055,071
Nextwave	016,155
Nikko	021,194
Nimbus	096
Nokia	005,030,045,048,079,110,111,122,134,135,178,183,186,194,195,196,197,198,199,200,201,202,203,204
Nordemende	004,005,007,011,062,065,123
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Novis	044
Oceanic	015,054,061
Octagon	004,008,009,050
Okano	021,083,087
On Digital	185,186,202,210
Optex	052,055
Orbit	015,036
Orbitech	004,103
Origo	105,212
Osat	009
Otto Versand	040

Oxford	003
Pace	005,012,014,040,045,064,074,099,107,112,130,154,178,191,195,204,205,206,207,208,209,210,211,212,213
Pacific	054
Palcom	007,032,069,071
Palladium	021,075,077
Paltec	032
Panasonic	005,045,154,195,204
Panda	005,012,196,204,205
Patriot Worldsat	003
Philips	005,014,035,037,045,049,059,075,085,086,099,104,121,124,132,169,170,178,180,181,195,203,204,206
Phoenix	014,050,074,206
Phonotrend	010,055,083,193
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Pk Sat	015
Polsat	173
Polytron	052
Predki	044
Premiere	035,055,198,203
Priesner	021
Profi	094
Promax	005
Prosat	006,007,010,102,133
Protek	015,054
Proton	015
Provision	011
Ptt Telecom	047
Quadral	007,010,029
Quelle	019,040
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Radiola	085
Radix	039
Rainbow	009
RE	096
Reddiffusion	101
Redpoint	033
Redstar	029
Revox	096
RFT	010,085,103
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Saba	006,011,014,045,061,064,065,120,127,133,136,142,143,144,146,195,206,207
Sabre	005,204
Sagem	062
Sakura	050,074
Salora	030,100,101,107,135,196,199
Samsung	004,027,078,203
Sat	007,017,036,038
Satcom	043,095,106
Satec	014,045,195,206
Satford	043
Satmaster	043
Satpartner	004,009,011,044,068,083
Schneider	049
Schwaiger	013,014,052,054,089,095,137,144,146,147,152,155,157,168,206
Seemann	003,021,033,039
SEG	004,008,029,034,044,095,119,214
Seleco	055,179,182
Siemens	040
Silva	068
Skardin	033
Sky	154,190,191
Sky Digibox	180
Sky Digital	154
Skymaster	010,095,148,156,158,159,160,161,162
Skymax	015,085
Skyvision	055
Sony	020,154,189,203,204
SR	021,065,093
Star Trak	004
Starion	034
Starland	156
Starring	044
Stella	047
STR	178,184
Strong	004,009,029,048,051,081,133,178,184,203
Sumida	021
Sunstar	021,093,107
Tandberg	062,181
Tandy	009
Tantec	005,045,064,069,071,195,204,207
Tatung	053,204
TCM	029,085,095,137,153,156,157

Techniland	043
Technisat	039,071,103,108,109,126
Teco	021,093
Telanor	007
Telasat	095
Tele+	178,182
Telecom	047
Teledirekt	206
Telefunken	004,045,131,136,137,138,145,195
Teleka	009,021,027,039,088
Telemaster	011
Telemax	091
Telesat	095
Telestar	071
Televs	005,195,204
Telewire	055
Tevion	029,085,095,137,153,156,157,176,177
Thomson	005,065,084,131,139,145,173,182,187,195,203,204
Thorens	054
Thorn	005,012,014,045,064,066,195,204
Tioko	052
Tonna	005,043,055,204
Toshiba	185,204
TPS	141
Triad	015,036,038,068,113
Triasat	072
Triax	040,071,136,203
Tristar	051
Uniden	114
Unisat	021,050
Unitor	025,044
Universum	040,067,075,079,200
Variostat	040
Vector	015,061
Ventana	085
Via Digital	135,139,187,188
Visiopace	181
Visiosat	044,055,156,163,164,165,166,167
Vortec	004,027,078
V-Tech	036,038,104,115
Wevasat	005,015
Wewa	005,204
Winersat	044

Wisi	005,036,038,039,040,113,116,117,118,204
Wittenberg	017
Wolsey	082
Woorisat	011
Zehnder	011,029,038,087,089,119
Zenith	190
Zodiac	009
Others	001,002,125,140

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Brand	CD
Adcom	006
Aiwa	007,008,009,088
Akai	010,011,012,013
Alba	014
Arcam	083
Asuka	015
Audiosonic	015
Bestar	016
BSR	017
Bush	018
California Audio Lab	019
Carrera	020
Condor	017
Crown	021
Denon	022,023
Dual	015,024
Emerson	006,016,025
Fisher	026,027
Genexxa	016,025,028,029,030,031,032,033,034
Goldstar	020
Goodmans	025
Grundig	037,083
Harmon Kardon	010,038,039,040
Hitachi	006,024,041,042,043
Innovation	081,089,090,091,092,093,094
Intersound	015
JVC	044
Kenwood	026,029,045,046,047,082
Kodak	005
LG	020
Lifetec	081,089,090,091,092,093,094

Linn	083
Luxman	048,049
M Electronic	050
Magnum	081,089,090,091,092,093,094
Marantz	051,052,083
Matsui	051,053,083
Mcintosh	054,055
Medion	081,089,090,091,092,093,094
Memorex	006,016,025,031,034
Meridian	083
Micromaxx	081,089,090,091,092,093,094
Micromega	083
Microstar	081,089,090,091,092,093,094
Mission	083
NAD	028,049,084,085,086,087
Naim	083
Nakamichi	056,057
Onkyo	002,058,059,060,061
Panasonic	018,019
Philips	003,063,064,083
Philips Cd-I	064
Philips Cd-V	002
Pioneer	030,034,062
Proton	083
Quad	083
Realistic	006,016,031,032
Roadstar	050,063,065
Rotel	083
Saba	024
SAE	083
Samsung	036
Sansui	003,025,066,067,068,083
Schneider	001,017,083
Scott	016,025
Sharp	029,069,070,071
Siemens	072
Signature	010
Sony	028,035,073,074,075,095,096
Sunwood	015
Tandberg	083
TCM	081,089,090,091,092,093,094
Technics	019,077
Telefunken	024

Tevion	081,089,090,091,092,093,094
Thomson	004,024
Toshiba	049,078,079
Universum	083
Vector Research	020
Victor	044
Yamaha	069,076,080
Yorx	065

AUX

	AUX		
Brand	CABLE	LD	OTHER
Andover Cablevision	013		
Audio Combi			040
BT Cable	015		
Cabletime	016,017,018,019		
CD Photo			039
CD Video			038
CDR			041
Clyde Cablevision	020		
Cryptovision	021		
Denon		001	
Disco Vision		003	
Filmnet Cablecrypt	022		
Filmnet Comcrypt	022		
GEC	020		
Grundig	011,023	005	043,044,046
Hitachi		003	
Jerrold	036		
Kenwood			052
Linn			043
Magnavox			046
Marantz			043,044,046
Meridian			043
Mitsubishi		005	
Movie Time	035		
NAD		005	047,048,049,050
Naim			043
OAK	026		
Philips		006	043,044,045,046
Philips CD-V		004	

Pioneer	011,027,028,030	003,005	043,055
Quad			043
Radiola		006	
Salora	029		
Samsung	027		057
Sansui			044,046
Satbox	031		
Scientific STS	Atlanta 032,033,034		
Sony		002,007,008	051,056,058,059,060,061
Tele+1	022		
Telefunken		005	
Teleservice	012		
Thomson			053
Thorn		009	
Tudi	014		
Video CD			037
Videoway	010		
Visiopass	024		
Westminster Cable	015		
Yamaha			025,042,054

DVD

Brand	DVD
Akai	010,025
Cyberhome	018
Daewoo	023
Denon	005
Grundig	011
Hitachi	024
Innovation	013,014
JVC	002,027
Kenwood	005
Lasonic	028
LG	016
Life	013,014
Lifetec	013,014
Loewe	011
Magnavox	012
Marantz	003
Medion	013,014

Micromaxx	013,014
Microstar	013,014
Mitsubishi	007
Onkyo	015
Optimus	020
Panasonic	005,017
Philips	003,009,011
Pioneer	020
RCA	006
Samsung	008,024
Schneider	014
Sharp	013
Sony	004,021
TCM	013,014
Technics	005
Tevion	013,014
Thomson	001
Toshiba	003
Yamaha	005,022
Others	019,026

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