

First Time Installation

0. Overview

- Vu+ BLE RCU is basically working as IR remote control without Bluetooth pairing.
- Once it connects to Bluetooth, IR signal will not be working automatically except Volume Punch.

1. Bluetooth Setup

1) Bluetooth Pairing

[ : Press  > Select Setup > System > BluetoothSetup]

2) Press **Red** key, you can make enable Bluetooth.



3) Press  +  at the same time for 5 seconds or press until LED is on then Bluetooth connection will be proceed.



4) If you do not want Bluetooth connection anymore, press **Yellow** key to remove VUPLUS BLE RCU on BluetoothSetup menu.

2. RCU keys for TV

- 1) Keys for TV only: , 
- 2) Keys switchable between TV and STB: **Volume +/-** and 
- 3) All the other keys are for STB only

3. Volume Punch (Volume +/-, Mute key setup)

- 1) Default Volume and Mute Control : STB
- 2) Setup **Volume +/-** and  to STB mode
 - A. Press **TV Power + OK** keys at the same time for 3 seconds or press until RED LED is on.
 - B. Press **STB Power** key.
 - C. RED LED blinks 2 times, then off.
- 3) Setup **Volume +/-** and  to TV mode
 - A. Press **TV Power + OK** keys at the same time for 3 seconds or press until RED LED is on.
 - B. Press **TV Power** key.
 - C. RED LED blinks 2 times, then off.

4. TV Setup

- 1) 5-Digit Code Setting
 - A. Turn on the TV.
 - B. Press **TV Power + OK** keys at the same time for 3 seconds or press until RED LED is on.
 - C. Press 5-digit Code for TV vendor : LED will blink 1 time when you press 5-digit code and if the digit code set up properly, the signal for TV power-on will be out once.
 - D. Once RCU recognize the TV code properly, RED LED blinks once and then it will be on. : If you press **OK** key, LED blinks 2 times and the code will be saved
 - E. If the code is not valid one, RCU does not send Power IR code. And RED LED will be off for 0.5 seconds and it turns on again. You can press other code or press **OK** key for finishing set-up 5-digit mode.
 - F. After set-up TV vendor, Volume Punch(**Volume +/-, Mute** keys) will be automatically set up to TV mode.
- 2) Auto Search Setting
 - A. Turn on the TV.
 - B. Press **TV Power + OK** at the same time for 3 seconds or press until RED LED is on.
 - C. Press **CH up** or **CH down** key. LED blinks once when you press **CH up** or **CH down** key and the signal for TV power will be out at the same time with pressing **CH up** or **CH down**.
 - D. When you press **OK** key, LED blinks 2 times and then it will be off.
 - E. After set-up TV vendor, Volume Punch(**Volume +/-, Mute** keys) will be automatically set up to TV mode.
- 3) You cannot use with IR code for  and  keys unless the user setup TV.

5. STB Setup (System code change)

1) The default system code is Mode 2.

2) 5-Digit Code Setting

A. Press **STB Power + OK** keys at the same time for 3 seconds or press until RED LED is on.

B. RED LED will be still on even you release **STB Power + OK** keys.

C. Press 5-Digit Code.(Default : 00002)

00001	Mode 1
00002	Mode 2
00003	Mode 3
00004	Mode 4

D. LED will blink 1 time then it is on when you press 5-digit code properly and if you press **OK** keys LED blinks 2 time and all the setup will be saved automatically.

E. If the code is not valid one, RED LED will be off for 0.5 seconds and it turns on again. You can press other code or press **OK** key for finishing set-up 5-Digit mode.

6. Factory Reset

1) Press **PVR** + **EXIT** keys at the same time for 5 seconds.

2) The RED LED will blink 3 time after 5 seconds and all IR setup data including RCU pairing will be cleared.

7. Low Battery

1) If the battery level is low, RCU will be working as "Low Battery mode". The RED LED will blink 5 times when you press any keys on RCU and you need to change the batteries to new one.

2) All the data you setup (Bluetooth pairing and IR setup) will not be cleared even if the batteries are removed.

8. OTA Update (RCU firmware upgrade)

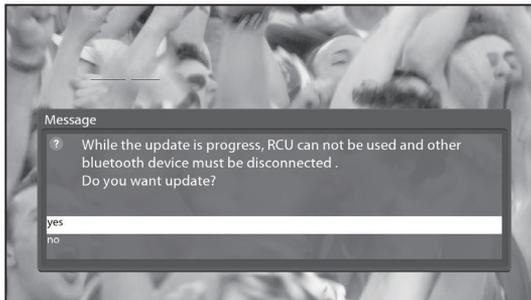
- Download VUPLUS BLE RCU firmware. (www.vuplus.com)
- Connect VUPLUS BLE RCU on BluetoothSetup menu.



- Choose VUPLUS BLE RCU and go into OTA Update menu with pressing **EPG** key.

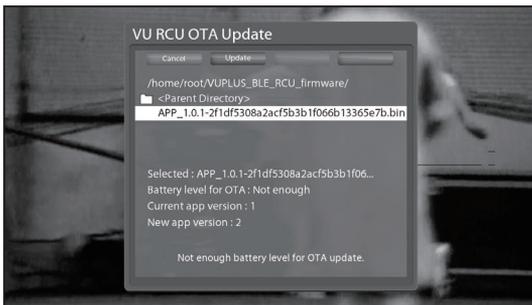
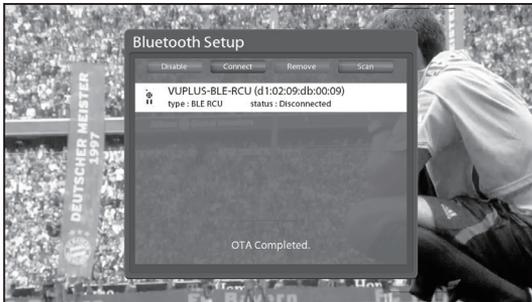


- Choose the Firmware file.



- Press **Green** key and the update will be proceed and you cannot use RCU while this updating.

- If you choose “yes”, OTA update will start. After OTA updated, press any keys on RCU so that Bluetooth is connected again.

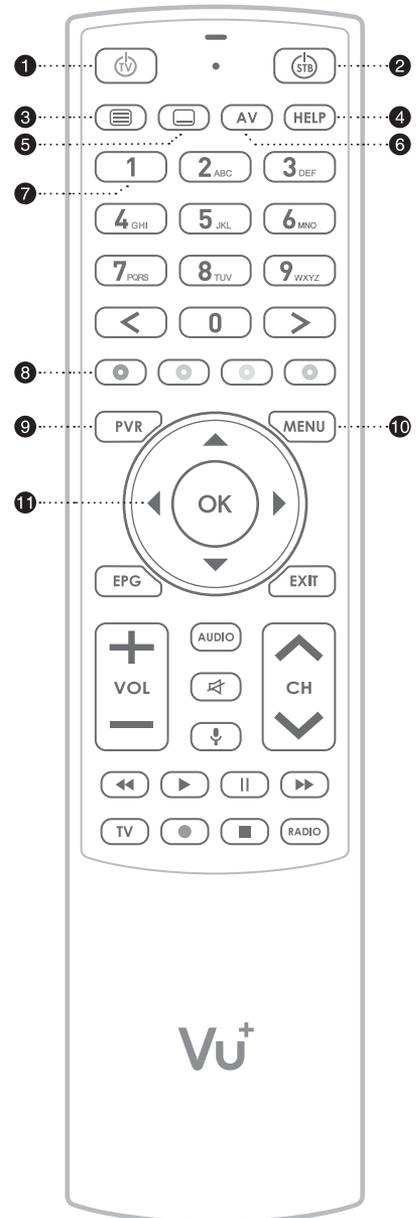


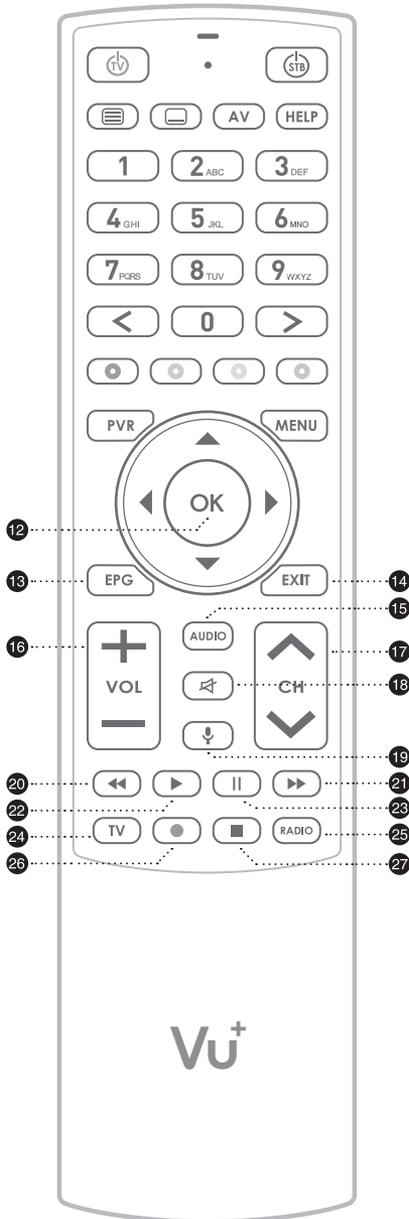
- You need over 60% battery level for OTA update, if the battery level is not enough, OTA update will not be able to proceed.

Function Key Table (Remote Control)

Vu+ Ultimo 4k remote control (RCU) is a universal one that can be used for TV and STB both.

- ① **TV Power**
Once configured for TV remote control, this button is for TV power on/off.
 - ② **STB Power**
When the STB is turned on, normal press of this button puts the STB into standby mode instantly. When the STB is turned off, normal press of this button turns the STB on instantly. Long press activates Standby /Restart menu.
 - ③ **Teletext**
Displays the teletext information of the current channel if the channel provides subtitles.
 - ④ **Help**
Displays major important operation methods of Vu+.
This provides users with a quick guide of using Vu+.
 - ⑤ **Subtitle**
Displays the subtitle of the current channel if the channel provides subtitle.
- NOTE :** when Teletext is activated,  key is also used when toggling between the Teletext page and the live mode.
- ⑥ **AV**
This button is used when selecting video source of TV.
 - ⑦ **Numeric Keys**
Enters a channel number or numbers required to be input according to menu options.
 - ⑧ **Color Keys**
Each key is assigned a specific function that may be different in each menu.
 - Red – mainly used for REC, Cancel, etc.
 - Green – mainly used for OK
 - Yellow
 - Blue – activate Fast Zapping and Mini TV
 - ⑨ **Recording List**
Displays the list of recordings stored on the internal HDD if any.
 - ⑩ **Menu**
Displays the main menu.
 - ⑪ **Navigation Keys**
Navigates up/down and left/right on the menu options.
Up/down keys are used to call up the channel list.





- ⑫ **OK**
Confirms the selected menu option.
- ⑬ **EPG**
Displays the Electronic Program Guide (EPG) information if provided.
- ⑭ **EXIT**
Exits the current menu option into the live mode, or switches one step back of the menu.
- ⑮ **Audio**
Displays the audio track option to choose (e.g. ACS, Stereo).
- ⑯ **Volume + / -**
Adjusts the audio volume.
- ⑰ **Channel + / -**
Navigates through the scanned channel list.
- ⑱ **Mute**
Silences the audio temporarily.
- ⑲ **MIC**
- ⑳ **Fast Rewind**
Fast rewinds at up to 128 times faster than the normal speed (x2 / 4 / 8 / 16 / 32 / 64 / 128).
- ㉑ **Fast Forward**
Fast forwards at up to 128 times faster than the normal speed (x2 / 4 / 8 / 16 / 32 / 64 / 128).
- ㉒ **Play**
Plays the selected file (e.g. recording) at the normal speed.
- ㉓ **Pause**
Pauses the live program or recording play.
- ㉔ **TV**
Displays the TV Channel list.
- ㉕ **Radio**
Displays the Radio channel list.
- ㉖ **Recording**
Displays instantly the recording menu.
- ㉗ **Stop**
Stops playing of a recording and goes to the live mode.

TV Code List
Brand ID for Device TV:

ACER	10746, 10640
ADL	10299
ADMIRAL	10204, 10058
ADYSON	10219
AEG	10759, 10673, 10652, 10643, 10642, 10572, 10533, 10532, 10319, 10286, 10282, 10263, 10249, 10123, 10109, 10031
AG	10282
AGFAPHOTO	10655
AHB TVISIONS	10131
AKAI	10679, 10648, 10636, 10517, 10287, 10280, 10279, 10275, 10251, 10250, 10249, 10155, 10108, 10106, 10104, 10103, 10097, 10093, 10074, 10036, 10027
AKITA	10085
AKURA	10624, 10542, 10541, 10430, 10429, 10428, 10174, 10171, 10108, 10086, 10074, 10064
ALBA	10713, 10307, 10264, 10250, 10249, 10202, 10175, 10172, 10127, 10108, 10074, 10069, 10064, 10060
ALIEN	10264
ALLSTAR	10251, 10108
ALTUS	10250
AMSTRAD	10286, 10249, 100171, 100123, 10074, 10025
ANAM	10285
ANDERSSON	10123
ANITECH	10277, 10267, 10251, 10219, 10185, 10108
ANSONIC	10786, 10732, 10108
ANTECNO	10064
AOC	10016
ARCELIK	10296, 10086, 10085
ARDEM	10250, 10085
ARENA	10250, 10127
ARGOS	10250
ARISTONA	10230, 10122, 10119, 10111, 10109
ASA	10234, 10105, 10102, 10087
ASBERG	10267, 10185
ASORA	10171
ASTRO SOUND	10108
ATLANTIC	10197, 10089
AUDIOSONIC	10269, 10267, 10263, 10250, 10218, 10185, 10171, 10164, 10110, 10108, 10090, 10085, 10074
AURORA	10219, 10171, 10170
AUTOVOX	10282, 10249, 10197, 10163, 10123
AWA	10108
AWATRON	10171
AXXION	10726, 10724, 10698, 10681, 10628, 10546
BAIER	10751
BAIRD	10750, 10733, 10578, 10524, 10188, 10032
BANG & OLUFSEN	10204
BASIC LINE	10277, 10264, 10249, 10170, 10120, 10108, 10033
BAUR	10266, 10256, 10251, 10233, 10217, 10216, 10212, 10211, 10171, 10143, 10131, 10111, 10108, 10097, 10096, 10092, 10074, 10045, 10042, 10036
BEKO	10691, 10690, 10510, 10296, 10263, 10255, 10250, 10225, 10195, 10130, 10117, 10108, 10090, 10086, 10085, 10049
BELSON	10741, 10686, 10685, 10580
BELSTAR	10249, 10116, 10108
BEST	10282
BESTAR	10249, 10108, 10086
BLACK DIAMOND	10249, 10120
BLACK PANTHER	10185

BLAUPUNKT	10723, 10599, 10256, 10253, 10119, 10099, 10097, 10096, 10092, 10091
BLUSENS	10787, 10654, 10611
BLUE SKY	10286, 10282, 10273, 10264, 10250, 10249, 10172, 10109
BLUESTAR	10108, 10063
BOMANN	10282
BONDSTEC	10163
BRANDT	10270, 10195, 10193
BRIONVEGA	10204
BROKSONIC	10285
BRUNS	10204
BUSH	10774, 10766, 10725, 10568, 10314, 10303, 10287, 10286, 10283, 10264, 10250, 10249, 10232, 10202, 10123, 10121, 10115, 10108, 10074, 10069, 10063, 10031
CAMPER	10085
CELLO	10536, 10434, 10318, 10315, 10312, 10311, 10310, 10301
CENTURY	10204, 10165
CGE	10267, 10260, 10165
CGM	10264, 10108, 10086, 10085
CHANGHONG	10717
CIE	10171, 10170, 10166, 10108, 10064, 10025
CINERAL	10272
CINEX	10294, 10031
CLARIVOX	10258, 10232
CLATRONIC	10742, 10296, 10294, 10286, 10282, 10267, 10260, 10255, 10250, 10249, 10218, 10185, 10171, 10165, 10164, 10110, 10108, 10074, 10064
CMX	10770, 10765, 10763, 10591, 10589
CONDOR	10267, 10260, 10255, 10229, 10171, 10109, 10108
CONIC	10219
CONRAC	10225
CONTEC	10277, 10171
CONTI	10263, 10250
CONTINENTAL	10172
CONTINENTAL EDISON	10193, 10172
COSMOS	10108
CROSLEY	10267, 10204, 10165
CROWN	10764, 10286, 10282, 10274, 10267, 10264, 10263, 10255, 10250, 10249, 10185, 10171, 10108, 10090, 10086, 10085, 10063
CS-ELECTRONICS	10163, 10064
CURTIS	10260, 10111
D-VISION	10108
DAEWOO	10720, 10598, 10540, 10519, 10431, 10269, 10170, 10127, 10120, 10108
DANSAI	10219
DANTAX	10250, 10074
DAYTEK	10194
DECCA	10190, 10189, 10184, 10128, 10108, 10069, 10066, 10063
DELTON	10249
DENVER	10703, 10638, 10625, 10596, 10282, 10171, 10074
DESMET	10108
DGM	10669, 10426
DIBOSS	10621
DIGIFUSION	10225
DIGINUM	10031
DIGITREX	10586
DIGIX	10187
DISNEY	10062
DMTECH	10778, 10529, 10320, 10308, 10304, 10286, 10249
DOMUS	10108
DUAL	10293, 10286, 10279, 10250, 10249, 10248, 10233, 10127, 10123, 10108

DUMONT	10267, 10234, 10204, 10185, 10110, 10109, 10105, 10102, 10087
DURABRAND	10282, 10249
DYON	10754, 10666, 10664, 10618, 10610
E-MAX	10194
ECG	10751, 10250, 10117, 10069
EDISON	10172
EDISON MINERVA	10172
ELBE	10273, 10229, 10209, 10185, 10120, 10108, 10074, 10058
ELBIT	10248, 10108
ELCIT	10164
ELECTRIC	10109
ELECTRIC CO	10250
ELEKTA	10171, 10108
ELEKTRONIKA	10274, 10116, 10108, 10086
ELEMIS	10294, 10282, 10074, 10031
ELIN	10108, 10087
ELITE	10467, 10064
ELMAN	10185
ELTA	10171, 10108
EMERSON	10204, 10108, 10086
ESC	10108
EUROLINE	10286
EUROPHON	10185, 10033
EUROSKY	10249
EVELUX	10116, 10108
EXPERT (I)	10089
EXQUISIT	10110, 10108
FENNER	10251, 10249, 10171, 10108
FERGUSON	10594, 10549, 10548, 10544, 10507, 10270, 10195, 10078, 10032
FIDELIS	10108
FINLANDIA	10195, 10189, 10105, 10104, 10033

FINLUX	10290, 10279, 10276, 10275, 10251, 10234, 10229, 10225, 10189, 10128, 10116, 10108, 10107, 10105, 10104, 10103, 10102, 10087, 10074, 10069, 10066, 10031
FIRST-LINE	10294, 10273, 10264, 10251, 10249, 10108
FISHER	10233, 10221, 10086, 10052, 10051
FLINT	10273
FORCE	10286, 10194, 10123
FORMENTI	10229, 10110, 10109, 10108
FRABA	10248, 10108
FRONTECH	10220, 10171, 10166
FUJITSU GENERAL	10554, 10197, 10088
FUNAI	10755, 10629, 10617, 10293, 10286, 10264, 10249
F&U	10555
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GALAXY	10255
GALERIA	10171
GBC	10269, 10267, 10171
GEC	10189
GELOSO	10171, 10164, 10064
GENERAL	10171
GENERAL TECHNIC	10171
GERICOM	10300, 10225, 10187
GOLDFUNK	10264, 10249
GOLDHAND	10171
GOLDLINE	10273
GOLDSTAR	10288, 10268, 10263, 10250, 10237, 10219, 10191, 10171, 10166, 10163, 10110, 10108, 10090, 10074, 10038
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GRAETZ	10296, 10263, 10250, 10249, 10172, 10108	HB	10282
GRAN PRIX	10734, 10696, 10294, 10127, 10031	HB INGELEN	10172
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GRANDIN	10273, 10069	HINARI	10224, 10171, 10108, 10064
GREAT WALL	10074	HISAWA	10273
GRUNDIG	10790, 10789, 10777, 10691, 10690, 10552, 10527, 10510, 10287, 10253, 10250, 10232, 10210, 10202, 10194, 10187, 10172, 10155, 10130, 10117, 10116, 10101, 10100, 10097, 10096, 10095, 10094, 10093, 10092, 10091, 10073, 10069, 10063, 10031	HISENSE	10772, 10753, 10752, 10551, 10302
GRUNKEL	10785, 10732, 10545	HIT	10204
H&E	10282	HITACHI	10744, 10659, 10581, 10515, 10422, 10295, 10286, 10279, 10276, 10269, 10266, 10249, 10219, 10193, 10189, 10186, 10143, 10128, 10127, 10123, 10120, 10119, 10108, 10104, 10057, 10056, 10055, 10054, 10053, 10041, 10040, 10039, 10035, 10030, 10029, 10028, 10024, 10023, 10022
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		HOSHAI	10264
		HUMAX	10776, 10577, 10576
		HYPER	10171, 10163
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		HYUNDAI	10317, 10235, 10180, 10155, 10152
		ICE	10171, 10108, 10064
		IDEAL	10264
		IMPERIAL	10267, 10260, 10255, 10229, 10165, 10110, 10109, 10108

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INGERSOLL	10171
INNO HIT	10249, 10237, 10189, 10127
INTERCORD	10233
INTERFUNK	10265, 10255, 10251, 10165, 10108, 10067
INTERVISION	10191, 10166, 10108, 10086, 10085
IPOSTAR	10171
IRRADIO	10264, 10249, 10237, 10163, 10108, 10074
IRT	10446, 10440, 10439, 10437
ISKRA	10085
ITL	10171
ITS	10171, 10064
ITT	10784, 10268, 10250, 10117, 10032, 10031
I-JOY	10667
JAY-TECH	10761
JETPOINT	10268
JMB	10063
JOCEL	10283, 10282, 10074, 10069
JTC	10761
JVC	10604, 10588, 10575, 10278, 10169, 10120
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KAMACROWN	10064
KAPSCH	10197, 10089
KARCHER	10289, 10282, 10274, 10273, 10250, 10185, 10117, 10109, 10108, 10074, 10031
KATHREIN	10187
KENDO	10296, 10273, 10270, 10249, 10229, 10127, 10108, 10060
KENNEDY	10197
KENNEX	10264, 10249, 10108
KEYMAT	10235, 10207
KIOTO	10442, 10441, 10439, 10438, 10436
KITON	10293, 10264, 10249
KNEISSEL	10273, 10264, 10249, 10229, 10108, 10058
KOERTING	10274, 10204, 10086

KOGAN	10758
KUBA ELECTRONIC	10233
LAZER	10074
LECSON	10116
LENCO	10721, 10689, 10684, 10682, 10628, 10593, 10546, 10249, 10170, 10110, 10108
LENOIR	10264, 10249
LEVEL	10612, 10425
LG	10708, 10707, 10634, 10592, 10553, 10512, 10511, 10509, 10504, 10503, 10502, 10501, 10288, 10286, 10283, 10263, 10250, 10181, 10110, 10108, 10090, 10069, 10038, 10015, 10014, 10013
LIESENKOETTER	10108
LIFETEC	10293, 10264, 10249, 10171, 10170, 10127, 10118, 10108, 10074, 10064
LOEWE	10608, 10204, 10142, 10138, 10131
LOGIK	10757, 10680, 10649, 10630, 10606, 10587, 10264, 10187, 10070
LUMA	10249, 10229, 10197
LUMATRON	10249, 10229
LUXOR	10279, 10276, 10275, 10267, 10251, 10249, 10237, 10186, 10128, 10116, 10105, 10104, 10103, 10074, 10066, 10032
M ELECTRONIC	10276, 10127, 10120, 10105, 10104, 10103
M.D.C.	10074
MACROLUX	10069
MAGNADYNE	10204, 10185, 10164, 10163, 10108
MAGNAFON	10185
MAGNASONIC	10108
MAGNAVOX	10251
MAGNUM	10294, 10263, 10250, 10074, 10031
MANHATTAN	10264, 10249
MARANTZ	10108

MARSHAL	10064
MASCOM	10279, 10074, 10031
MASTERS	10108
MATSUI	10587, 10250, 10249, 10202, 10196, 10172, 10171, 10116, 10108, 10100, 10096, 10074, 10070, 10069, 10063, 10062, 10060, 10051, 10032, 10025
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MAXIM	10031
MEDION	10788, 10779, 10771, 10745, 10722, 10699, 10683, 10605, 10570, 10293, 10287, 10283, 10279, 10264, 10251, 10250, 10249, 10225, 10194, 10187, 10127, 10110, 10108, 10074, 10031
MEGAS	10273
MEMORY	10286
METEOR	10185
METZ	10736, 10265, 10264, 10254, 10249, 10219, 10108, 10101, 10100, 10097, 10096, 10092, 10074
MICROMAXX	10293, 10282, 10264, 10250, 10249, 10074
MIKOMI	10516, 10286
MINERVA	10232, 10172, 10100, 10097, 10092
MIRAI	10582
MITSAI	10110
MITSUBISHI	10249, 10224, 10204, 10120, 10119, 10097, 10077, 10076, 10075, 10071
MIVAR	10781, 10267, 10262, 10259, 10223, 10209
MMC2	10003, 10002, 10001
MORAVA	10249, 10152, 10109
MOSAIC	10264, 10249
MT LOGIC	10773, 10718, 10590, 10250
MTC	10131, 10086
MULTITEC	10264, 10249

MULTITECH	10267, 10185, 10171, 10108, 10090, 10085, 10031
MURPHY	10536, 10232
MURYUANA	10251
NAKIMURA	10170
NECKERMANN	10274, 10256, 10255, 10251, 10250, 10233, 10217, 10216, 10212, 10211, 10204, 10169, 10143, 10119, 10118, 10108, 10101, 10100, 10096, 10093, 10092, 10084, 10074, 10060, 10059, 10043, 10037
NEI	10108, 10064
NEUFUNK	10250, 10249, 10109
NEX	10448
NEXIUS	10282
NIKE	10108
NIKKAI	10219
NIKKEI	10264, 10249
NIKKO	10108
NISSAN	10268
NOBLIKO	10267, 10232, 10185
NOKIA	10719, 10653, 10645, 10279, 10276, 10275, 10251, 10106, 10105, 10104, 10103, 10102, 10074, 10032
NORDMENDE	10657, 10518, 10296, 10282, 10270, 10261, 10249, 10195, 10193, 10069
NORM N	10108
NORTEK	10264, 10249
NOVA	10087
NOVATRONIC	10108
OCEANIC	10276, 10104, 10103, 10032
ODYS	10782, 10727, 10697, 10677, 10674, 10656, 10647, 10642, 10633, 10632, 10610, 10566, 10526, 10525, 10519
OKANO	10255, 10108
ONWA	10280, 10108, 10064
OPERA	10250
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