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• **SETTING UP THE KAMELEON 8** **Page 12**

(How to set up the *KAMELEON 8* to control your devices)

• **Search Method** **15**

SET-UP CODES

TV : Television / LCD / Plasma / Projector / Rear Projection	26
VCR : Video Cassette Recorder / TV/VCR Combi / PVR	37
SAT : Satellite Receiver / Set-Top-Box / DVB-S / DVB-T / Freeview (UK) / TNT (F) / Digitenne (NL) / DTT (I) / TDT (E) SAT/HDD	40
CBL : Cable Converter / Set-Top-Box / DVB-C	44
VAC : Video Accessory like Media Centres / AV Accessories / AV Selectors	45
CD : CD Player / CD-R / MD	45
PHO : Phonograph	45
MIS : Audio / Miscellaneous Audio	46
HOM : Home Automation (e.g. IR controlled curtains / IR controlled light switches etc.)	46
AMP : Audio / Amplifier / Active Speaker System	46
TUN : Audio / Audio Receiver/Tuner/Amplifier / (DVD) Home Cinema	46
CAS : Cassette Recorder (Tape Deck)	47
LDP : Laser Disc Player / Video CD	48
DAT : Digital Audio Tape / DCC	48
DVD : DVD Player / DVD-R / DVD Home Cinema / DVD Combi / DVD/HDD / DVD/PVR / DVD/VCR Combi	48
PVR : Personal Video Recorder	53

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Use the OneForAll Web Wizard to set up your remote with the help of the Internet. This wizard tells you how to install your different devices without reading the complete manual. To use this easy set-up tool, please visit www.oneforallwebwizard.com.

About Your **KAMELEON 8**

Easy to use unique "EL" display

By choosing the ONE FOR ALL **KAMELEON 8** universal remote control you have opted for easy use. Your **KAMELEON 8** features a unique, user-friendly backlit display, which ensures you have easy access to all the keys you need, whilst hiding those you don't. Made of the strictest quality, it will provide long-term satisfaction. When inserting the batteries the **KAMELEON 8** will be in "demo-mode" and show several screens. The "demo mode" will be cancelled by setting up your remote (press and hold **MAGIC** for about 3 seconds then press and release **ESC**).

After replacing batteries, you will need to first press any key before the screen will light up. From then on, the display will automatically illuminate whenever the remote is picked up (touching screen and remote simultaneously). It is also possible to change the activation-mode into activation by key press. To set the "EL" display to activation by key press, see page 4, section: "EL" screen activation setting.

Controls up to 8 devices

Your **KAMELEON 8** is designed to let you use one remote to operate your Video and Audio equipment; any device designed to be operated by an infrared signal. Your **KAMELEON 8** comes with 2 IR (infra-red) wide range transmitters for maximum range and is High Frequency capable up to 450 kHz. You can choose any combination of 8 devices you would like to operate.

TV	Television / LCD / Plasma / Projector / Rear Projector
SAT	Satellite Receiver, Cable Converter, DSS / Video Accessory (e.g. Media Centres)
DVD	DVD Player / DVD-R / DVD Home Cinema / DVD Combi / DVD/HDD / Laser Disc Player
VCR	Video Cassette Recorder / TV/VCR Combi / DVD/VCR Combi / Cassette Player (Tape Deck) / Digital Audio Tape / DCC
PVR	Personal Video Recorder, Hard Disc Recorder
CD	CD Player / CD-R / MD / Phonograph / Home Automation (e.g. IR controlled curtains etc.
AUD	Audio / Audio Receiver/Tuner/Amplifier / (DVD) Home Cinema
LIGHT	IR controlled light switches - The KAMELEON 8 also features a "LIGHT" mode, for control of power modules used in Light Control™ Dedicated addressable 433.92 MHz protocol. This mode will send out InfraRed (IR) commands to a separately available "ONE FOR ALL Light Control™ Starters Kit - HC-8300", which will convert the IR commands in RadioFrequency (RF) to be received by power modules for dimming and switching lights.

To enable Light Control™ on your KAMELEON 8 you must purchase the „ONE FOR ALL Light Control™ Starters kit - HC-8300“.

About Your *KAMELEON 8*

Learning feature

The *KAMELEON 8* comes equipped with the unique "learning feature", which means that you can copy almost any function (max. ± 50) from your original (working) remote control onto your new *KAMELEON 8* (See "Learning Feature" on page 15). This comes in handy, when after having setup your *KAMELEON 8* you may find that some functions from your original remote are missing on your *KAMELEON 8* key pad.

Macros (sequence of commands)

Your *KAMELEON 8* comes with an easy-to-use Macro feature, allowing you to send several commands with the press of a single key (for example turning a few devices on or off).

You can use for example the custom keys (I, II, III, IV) for this feature. Once you programmed a macro on one of these keys, the sequence will be performed in every mode.

Code upgrade technology

Your ONE FOR ALL *KAMELEON 8* also offers a Code upgrade technology. This technology gives you the possibility to add codes to the memory. If your device uses a particular code which is not found in the *KAMELEON 8* memory (using the "Direct code set up" on page 12 or the "Search Method" on page 13) you may use the "Code Upgrade Technology" (see page 24). Thanks to this technology your *KAMELEON 8* will never become obsolete.

Batteries

Note: when inserting the batteries the *KAMELEON 8* will be in "demo-mode (showing several screens). The *KAMELEON 8* will go out of demo-mode automatically as you set it up.

Your *KAMELEON 8* requires 4 AAA/LR03 alkaline batteries.

1. Unscrew the battery door using a coin.
2. Insert the batteries with the positive end (+) upwards.
3. Replace the battery door back into position.

Low Voltage Indicator

As soon as the batteries run out of power the *KAMELEON 8* will indicate this. The IR indicator will flash 5 times whenever you press a key and you cannot access programming mode. Please make sure to replace the batteries with 4 new AAA/LR03 alkaline batteries.

The Keypad

This product features an "EL" panel (Electro Luminescence technology) which is activated by touching screen and remote simultaneously to activation by keypress. In order to save battery life, the "EL" screen will stay illuminated for 8 seconds during normal use.

One of the key features of the *KAMELEON 8* is the "EL" display, which changes to suit the device you are controlling. The overview on page 6 will show you all the possible functions that you may obtain.

"EL" Screen activation setting

The *KAMELEON 8* features an "EL" panel which is activated **by touching screen and remote simultaneously** or **by keypress**.

It is possible to **lock** the *KAMELEON 8* to one activation setting:

-  **Press and hold the MAGIC key for about 3 seconds.**
The screen will change to the setup screen.
-  Press **OTHER**.
-  Now press **9 8 9**. The IR Indicator will blink twice (or 4 times).

-> If the animated IR Indicator blinks **twice** the "EL" panel will be **activated only by touching screen and remote simultaneously**.

-> If the animated IR Indicator blinks **four times** the "EL" panel will be **activated only by keypress**.

Simply perform these steps to lock the *KAMELEON 8* to the activation setting that you prefer.

"EL" Screen brightness adjustment

To increase or decrease the brightness of the *KAMELEON 8* "EL" screen:

-  **Press and hold the MAGIC key for about 3 seconds.**
The screen will change to the setup screen.
-  Press **BRIGHT**.
-  > To increase the brightness of the "EL" screen press and hold **NEXT**
 > To decrease the brightness of the "EL" screen press and hold **PREVIOUS**.
-  Press **ENTER** to store the brightness setting and return to the setup screen OR press **ESC** to return to the previously set brightness level.

- *Increasing the brightness of the *KAMELEON* "EL" panel can decrease the battery life. Battery life varies from 3 - 12 months (depending on brightness setting and usage).*

"EL" On time setting

To change the duration (default: 8 sec.) that the *KAMELEON 8* "EL" screen will be ON, after each keypress during use of the remote (not programming mode):

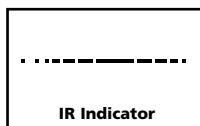
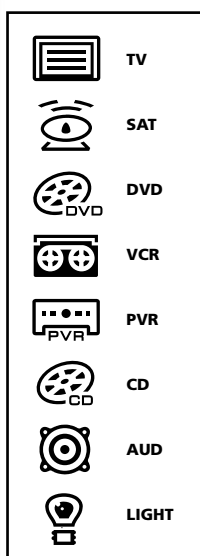
- MAGIC**

Press and hold the MAGIC key for about 3 seconds.
The screen will change to the setup screen.
- OTHER**

Press **OTHER**.
- Press **9 7 8**. The IR Indicator will blink twice.
- Press **1, 2, 3, 4** or **5** (e.g. 1 = 4 seconds) depending on your choice, see table below. The animated IR Indicator will blink twice. Press **ENTER** to store the new EL on time setting and to return to the SETUP screen OR press **ESC** to return to the previously set EL on-time setting.

Selection	"EL" On Time
1	4 seconds
2	8 seconds (default)
3	12 seconds
4	16 seconds
5	20 seconds

The Keypad



The Keypad

1. ----- IR (infra-red) Indicator

The IR Indicator animates when IR is being "sent" or "received". The *KAMELEON 8* animated IR Indicator will show "outgoing IR" whenever a function key is pressed. When using the "Learning Procedure" or "Code Upgrade Procedure" the animated IR indicator will show "incoming IR". Outgoing IR will be indicated by an "outside to inside" animation of the IR Indicator. Ingoing IR will be indicated by an "inside to outside" animation of the IR Indicator. The IR Indicator will give feedback when keys are pressed both during normal use and in programming mode (middle segment of the IR Indicator will blink).

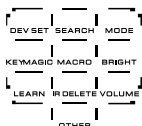
2. Device keys

The TV, SAT, DVD, VCR, PVR, CD, AUD and LIGHT keys select the device to be controlled. For example pressing the TV key allows the remote to control the functions of your Television, after pressing VCR you can operate your Video Recorder, after pressing the SAT key you can operate your Satellite Receiver or Cable Converter etc. (see page 2 for more details). After pressing a device (mode) key on your *KAMELEON 8* the applicable device icon will animate, to show the currently activated mode. Pressing the device key will allow you to return to the main screen (TV, SAT and AUD modes). The *KAMELEON 8* also features a "LIGHT" mode. Together with a separately available "ONE FOR ALL Light Control™ Starters Kit - HC-8300", this allows you to dim and switch ON/OFF lights through-out your whole house.

3. MAGIC

MAGIC (in "shifted" or "programming" mode)

The MAGIC key is used to set up your *KAMELEON 8* and to access special functions. If you press this key shortly, the screen will go into "shifted" mode (for 10 seconds) which will give access to some secondary functions such as color, brightness and sleep timer.



Programming mode

If you press the MAGIC key longer (about 3 seconds), the *KAMELEON 8* will enter "programming" mode. The screen will change to the "setup screen".

DEV SET	• Device Setup mode
SEARCH	• Search Method
MODE	• Mode re-assignment
KEY MAGIC	• To program missing functions
MACRO	• To setup a key (I, II, III, IV) with a Sequence of commands
BRIGHT	• "EL" Screen brightness adjustment
LEARN	• To copy functions from your original working remote onto the <i>KAMELEON 8</i>
IR DELETE	• Deleting learned and Key Magic functions
VOLUME	• Volume punch through feature
OTHER	• Variable EL On time (4 sec, 8 sec, 12 sec, 16 sec, 20 sec) • Operational Reset • <i>KAMELEON 8</i> - Timer • EL screen activation setting • Code Verification • Modem Upgrade

The Keypad

4. **SCROLL**

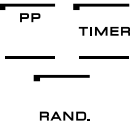
SCROLL
 The SCROLL key gives you the possibility to move through the different screens (if applicable) within a certain mode during normal use and programming mode. This only applies to TV, SAT and AUD modes.

5. **ENTER**

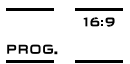
ENTER
 The ENTER key allows you to confirm your choice in programming mode.

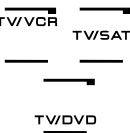
6. **POWER**

POWER (in shifted mode; Sleep timer)
 The POWER key controls the same function as on your original remote.

7. 
PP / TIMER / RAND.
 In TV and SAT mode this key may feature the "Last Channel", "Previous Program" or "Recall" function (depending on your original remote control). In VCR and DVD mode you will obtain the TIMER RECORD or TIMER ON/OFF function. In CD and AUD mode you will obtain the RANDOM (or shuffle) function.

8. 
PRESET / BACK
 In AUD mode, the PRESET key will change to the PRESET/MENU screen allowing access to the PRESETS 1 - 9, 0 and +10 on the digits. In PVR and SAT menu mode you may use the "back" key to go to the previous menu screen.

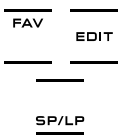
9. 
16:9 / PROG.
 In TV mode you will obtain the 16:9 (screen format) function. In VCR, DVD, AUD (main screen) and CD mode you will obtain the PROG (program) function.

10. 
TV/VCR / TV/SAT / TV/DVD
 In VCR mode you will obtain the TV/VCR function. In SAT mode you will obtain the TV/SAT function. In DVD mode you will obtain the TV/DVD function.

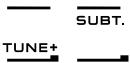
11. 
AUDIO / TUNE -
 In DVD, SAT, PVR and AUD mode (main screen) you will obtain the "Audio" function. In AUD mode (preset/Menus screen) you will obtain the "TUNE -" function.

12. 
INFO / CLEAR
 In SAT and PVR mode you can select the "info" function. In CD, AUD (main screen) and DVD mode you will obtain the "clear" function.

The Keypad

13. 

FAV / EDIT / SP/LP

In SAT and PVR mode you will obtain the FAV (favourite) function. In DVD, CD and AUD mode you will obtain the EDIT function to edit information. In VCR mode you will obtain the SP/LP (tape speed) function.
14. 

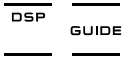
SUBT. / TUNE +

In SAT, PVR, DVD and AUD main mode you will obtain the SUBTITLE function. In AUD mode you will obtain the "TUNE +" function in the preset/Menu screen.
15. 

MENU

Pressing this key will allow you to operate the Menu and in TV and AUD mode will also change the screen to the menu mode. The MENU key operates the same function it did on your original remote control.
16. 

EXIT

The EXIT key will operate the same as on your original remote. To return to the main screen (TV, SAT and AUD mode) press the device key or use the SCROLL key.
17. 

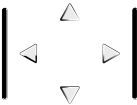
DSP / GUIDE

If available on your original remote, in AUD mode you will obtain the "DSP" function. In TV, SAT, DVD, VCR and PVR mode the "GUIDE" key will provide you the "guide" function, if available on your original remote control. In TV mode the "GUIDE" key will change the screen to "menu mode screen".
18. 

MUTE

The Mute key operates the same function it did on your original remote control.
19. 

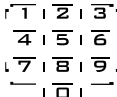
CH +/- (in shifted mode; brightness +/-)

These keys operate just as those on your original remote. In shifted TV mode (accessed by pressing MAGIC shortly and releasing it) these keys may provide you the brightness +/- function.
20. 

Directional keys (Up, Down, Left, Right)

If available on your original remote control, these keys will allow you to navigate through the menu. On some TV's you may have to press CH+/- and VOL+/- keys OR the color keys (red, green, yellow, blue) to navigate through the menu, depending on your model of TV. In AUD main mode these keys will (if available on your original remote) allow you to adjust the CENTRE and REAR levels of your speaker(s). In AUD menu mode these keys will (if available on your original remote) allow you to navigate in the menu-screen.

The Keypad

21.  **OK / SURROUND**
In menu mode this key will confirm your choice. On some devices you can confirm your menu option simply by pressing MENU. In AUD main mode this key will allow you to access the surround mode of your device (if available on your original remote).
22.  **VOL +/- (in shifted mode; colour +/-)**
The volume keys operate just as those on your original remote. In shifted TV mode (accessed by pressing MAGIC shortly and releasing it) these keys may provide you the colour +/- function.
23.  **Number keys / INPUT (in prog. Mode; setup features)**
The number (1 – 9, 0) keys provide functions just like your original remote. In AUD mode, the number (1 – 9, 0, -/-) keys may provide (if available on your original remote) an INPUT function (TUNER, CD etc.). If your original remote features a “function select” or “input select” function you may find this under the AV key. **When in programming mode, the digit keys will display the various setup features.**
24.  **-/- / PPV**
If your original remote uses one/two digit input switching (-/- symbol), this function can be obtained by pressing the -/- key. In SAT (menu screen) and PVR mode you will obtain the PPV function.
25.  **AV / HELP**
The AV key operates the same function it did on your original remote control. If your original television or video remote uses a 20 key, this function can be found by pressing the AV key. If your original satellite or PVR remote comes with a “help” function, you can obtain this pressing the HELP key. In AUD mode you will obtain the “input source” function.
26.  **ESC**
This key only appears in programming mode and is used to return to the Setup screen or to exit programming mode.
27.  **Transport keys (PLAY, STOP etc.)**
When in VCR, DVD, SAT (menu screen), PVR, CD or AUD mode; these keys operate the transport functions like PLAY, FF, REW, SKIP+/- (TRACK+/-) etc. of your device. To prevent accidental recording, the RECORD key must be pressed **twice** to start recording.

The Keypad

28. **Teletext Keys**

These keys are used to operate the main teletext functions. Of course, your Television must have teletext capability. For a more detailed explanation of teletext and fasttext, please refer to the manual of your television. Remember, different televisions control teletext and fasttext functions in different ways. Not all of the teletext functions may be available on your particular model.

-  **EXPAND:** Shows the top half of the teletext page in larger letters. By pressing again, you can see the bottom half of the teletext page enlarged. To return to regular teletext viewing, press the EXPAND key again, or press the TEXT ON key, depending on your television.
-  **TEXT ON:** In TV mode: once in text mode, pressing this key may switch to MIX or TURN OFF text, depending on your television. This function is also available in SAT mode.
-  **HOLD/STOP:** Stops changing pages.
-  **MIX:** Shows both text and TV picture.
-  **TEXT OFF:** In TV mode: switches the television back to regular viewing mode. On some televisions this may be done by pressing the "TEXT ON" key several times. This function is also available in SAT mode.
-  **TEXT INDEX:** This key will give you access to the index function within the text mode.

29. I II III IV **Custom keys (I, II, III, IV)**

The custom keys are spare keys that give you the possibility to customize the *KAMELEON 8* according to your original remote control using the "Learning feature" (see page 15) or "Key Magic®" (see page 18). These keys are also ideal for use as "Macro keys" (see page 22).

30. **Red / Green / Yellow / Blue**

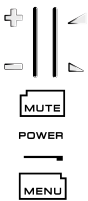
When accessing the text mode, the colour keys marked red, green, yellow and blue, allow you to access the fasttext functions of your television. If on your original remote control these keys are used for Menu navigation, the *KAMELEON 8* Fasttext keys may operate the same.

Setting up the **KAMELEON 8**

(How to set up the **KAMELEON 8** to control your devices)

Note: when inserting the batteries the **KAMELEON 8 will be in "demo-mode (showing several screens). Just follow the next steps and the **KAMELEON 8** will go out of demo-mode automatically.**

Example: To set up the **KAMELEON 8 for your television:**

1. Make sure your television is **switched ON** (not on standby).
2. **Find your device code in the codelist (pages 26 - 53).** Codes are listed by device mode and brand name. The most popular code for each brand is listed first. If your brand is not listed at all in the code section, try the Search Method on page 13.
3.  **Press and hold the MAGIC key for about 3 seconds.**
The screen will change to the setup screen.
4.  Press the **DEV SET** key.
5.  Press and release the **TV** key to select the device type you like to setup.
6.  Enter the first **four-digit code (see codelist pages 26 -53)** using the number keys. The animated IR Indicator will blink twice.
7.  **Now, aim your **KAMELEON 8** at your television** and try the following keys to test if the **KAMELEON 8** will work with your device;
 - **CHANNEL +, CHANNEL-**
 - **VOLUME +, VOLUME -**
 - **MUTE**
 - **POWER.**
 - **MENU.**
8.  If your device is responding, **press ENTER to save the code.** If your device does not respond, just enter the next code listed under your brand. If none of the codes listed for your brand operate your device, then try the Search Method described on page 13.
9.  **Press and keep ESC pressed for about 3 seconds to return to user mode (all keys for the device mode are displayed), OR press a device key to select the next device you like to setup.**

-
- Most TV's do not switch back on pressing the **POWER** key, please try pressing "**CHANNEL+**" key to switch your TV back on.
 - Some codes are quite similar. If your device does not respond or is not functioning properly with one of the codes, try another code listed under your brand.
 - To set up your other devices, follow the same instructions above, only press the appropriate device key during step 5.
 - Remember to press the correct device key before operating your device. Only one device can be assigned to a device key.
-

To set up a second TV, VCR, SAT, PVR, CD, AUD or DVD (See page 19).

Setting up the KAMELEON 8

Search Method

--> If your device does not respond to the KAMELEON 8 after you have tried all the codes listed for your brand.

--> If your brand is not listed at all.

The Search Method allows you to scan through all the codes contained in the memory of the KAMELEON 8.

Example: To search for your TV code:

1. Switch ON your Television (not on standby).

2.  **Press and hold the MAGIC key for about 3 seconds.**
The screen will change to the setup screen.

3.  Press **SEARCH**.

4.  Press and release the **TV** key to select the device type you like to setup.

5.  Next, press **POWER**.

6.  **Point the KAMELEON 8 at your Television. Now press NEXT over and over, until your Television turns off** (every time you press the NEXT key the KAMELEON 8 will send out a POWER signal from the next code contained in the memory). **You may have to press NEXT many times (up to 150 times) so please be patient. Remember to keep pointing the KAMELEON 8 at your Television while pressing this key.** (If you skip past a code, you can go to the previous code(s) by pressing the PREVIOUS key).

7.  **When your Television switches off, press the ENTER key to store the Code.** The animated IR Indicator will light up twice.

8.  Press **ESC** to **return to the setup screen**, or press a **device key** if you want to perform the Search Method for another device.

9.  **Press ESC again to return to user mode (all keys are displayed).**
Turn your device (television) back on and try all the remote's functions to ensure they are working properly. If you cannot control your Television properly, please continue the Search Method, you may be using the wrong Code.

- During step 5, instead of POWER you can also press any other key displayed. This will be the function sent for the next key presses of NEXT or PREVIOUS in step 6. If for example; during step 5 you press "2" instead of "POWER", the KAMELEON 8 will send the "number 2" signal every time you press NEXT during step 6 (make sure your TV is switched to another channel).
- To search for your other devices, follow the same instructions above, only press the appropriate device key during step 4.
- If your Video's original remote control does not have a POWER key, press PLAY instead of POWER during step 5.
- In the LIGHT-mode the Search Method does not work.

Code blink out

(To find out which code is currently programmed)

If you have set up your *KAMELEON 8* via the Search Method, you can blink back your code for future reference. Please note that the animated IR Indicator will indicate the 4 digits by animated blinks.

Example: To blink out your television code:

- MAGIC**  Press and hold down the **MAGIC** key (for about 3 seconds). The screen will change to the setup screen.
- OTHER**  Press **OTHER**.
- 9 9 0**  Press **9 9 0**, the animated IR Indicator will light up twice.
- TV**  Press and release the **TV** key to select the device type you like to check the code for.
- 1**  For the **first** digit of your **four-digit code**, press **1** and count the blinks of the animated IR Indicator. If there are no blinks, the digit is "0".
- 2**  For the **second** digit, press **2** and count the animated blinks. If there are no blinks, the digit is "0".
- 3**  For the **third** digit, press **3** and count the animated blinks. If there are no blinks, the digit is "0".
- 4**  For the **fourth** digit, press **4** and count the animated blinks. If there are no blinks, the digit is "0". **Now you have found your four-digit code.**
- ENTER**  Press **ENTER** to return to the setup screen OR press a **device key** if you want to perform the blink out for another device.
- ESC**  Press and hold **ESC** (for about 3 seconds) to return to user mode.

- You can perform steps 5 – 8 in any order and as many times as you want. So, if you lost count it is possible to blink back the corresponding number again (e.g. if during step 6 you did not see exactly how many times the animated IR Indicator blinked just press "number 2" again and count again).
- To blink back the code for your other devices follow the instructions above, only press the appropriate device key during step 4.

Quick code Reference

Write down the codes for your devices in the boxes below for quick and easy reference.

Learning Feature

(How to copy functions from your original working remote onto the **KAMELEON 8**)

The **KAMELEON 8** comes with a complete library of pre-programmed codes. After you have set up the **KAMELEON 8** for your device, you may find that there are one or more keys that you had on the original remote control, which do not have a place on the **KAMELEON 8** keypad.

The **KAMELEON 8** offers a special Learning feature that allows you to copy almost any function from your original remote control onto the keypad of the **KAMELEON 8**.

Before you start:

- Make sure your original remote is working correctly.
- Make sure neither your **KAMELEON 8**, nor your original remote control is pointing at your device.

Learning (direct)

Example: To copy the "mono/stereo" function from your original TV remote control onto the "I, II, III or IV"-key of your **KAMELEON 8.**

1. Place the **KAMELEON 8** and your original remote control on a flat surface. Make sure the ends which you normally point at your device are facing each other. Point the original remote to the front of the **KAMELEON 8** (see picture below). Keep the remotes at a distance of 2 to 5 cm (0.8 to 2 inches).



2.  **Press and hold down the MAGIC key** (for about 3 seconds). The screen will change to the setup screen.
3.  Press **LEARN**.
4.  Press the **device key** (Example: **TV** key) on the **KAMELEON 8** remote to select the mode to which you want to place the learned function.
5.  Press the key (Example: **"I"** key) on the **KAMELEON 8** remote where you want to place the learned function. The IR Indicator will show "incoming IR" three times and then the display will switch off.
6.  **Press and hold** the key that you want to copy (Example: **mono/stereo**) on your original remote control. The display switches back on and you will see two blinks to indicate successful learning operation.
7. If you want to copy other functions within the same mode, simply repeat steps 5 and 6 pressing the next key you want to copy by learning. If you want to copy another function in a different mode, simply continue with step 4 followed by steps 5 and 6.

8.  Press **ENTER** to exit the learning mode and return to the setup screen OR press and hold **ESC** to return to the user screen.

Learning Feature

- As soon as the display switches off in step 5 you need to press the key (in this example: the "mono/stereo" key) on your original remote within 15 seconds. If no key is pressed while in learning mode, the remote will return to user mode after 30 seconds.
 - During learning, keys such as (TV) menu, (TV) guide etc. will not change screen when pressed.
 - If you learn a function on a key, the original KAMELEON 8 function automatically becomes shifted. Press the MAGIC key then the key to access it (this excludes the POWER, Channel and Volume keys). If you learned on a digit key, access the original function by pressing magic twice and then the digit.
 - If you want to learn a function on a key that is not in the main screen, use the SCROLL key to change the screen.
 - The learning feature is mode specific. Therefore you can place one learned function per mode on the same key.
 - The KAMELEON 8 can learn approximately 50 functions. The amount of keys depends on the other programmed functions and on the remote to be learned from.
 - You can replace a learned function by placing another learned function on top.
 - Please make sure not to use the learning procedure when in direct sunlight or under incandescent lights.
 - Make sure you are using new batteries before following the learning instructions.
 - Upon changing the batteries, your learned functions will be retained.
-

■ Shifted Learning

It is also possible to place a function *shifted* on a key to maintain the original function.

Example: to place the **mono/stereo** function *shifted* on the "red" key.

To place the (e.g. **mono/stereo**) function shifted on the red key, simply follow steps 1-8 on page 15, only press "**MAGIC**" then the "**red**" key (instead of "I") during step 5.

To access the e.g. "mono/stereo" function in this example; simply press "**MAGIC**" and then the "**red**" key.

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- If a Shifted Learned function is placed on the Channel and Volume keys then the "Colour & Brightness" features will be sacrificed.
 - If you place a function shifted on a digit key (0 - 9) you need to press MAGIC twice then the digit key to access this shifted function.
-

Learning Feature

To delete a "Key Magic function" or "learned function" from a certain key:

Example: to delete a "Key Magic function" or "learned function" from the "I" key in **TV mode**:

1. **Press and hold the MAGIC key for about 3 seconds.** The screen will change to the setup screen.
2. Press **IR DELETE**.
3. Press the corresponding **device key** (example **TV**).
4. Press the corresponding function key (example **"I"**).
5. Press **ENTER** to restore the original function OR press and hold **ESC** to return to the user screen.

- *The original function (if present) of the KAMELEON 8 will be restored.*

To delete a shifted "Key Magic function" or "learned function" from a certain key:

Example: To delete one single "shifted" learned or Key Magic function, follow the steps below.

Example: to delete the **mono/stereo** function learned *shifted* on the "**red**" key in **TV mode**:

1. **Press and hold the MAGIC key for about 3 seconds.** The screen will change to the setup screen.
2. Press **IR DELETE**.
3. Press the corresponding **device key** (example **TV**).
4. Press **MAGIC**.
5. Press the corresponding function key (example **"Red key"**).
6. Press **ENTER** to restore the original function OR press and hold **ESC** to return to the user screen.

- *The original function (if present) of the KAMELEON 8 will be restored.*

To delete all "Key Magic functions" or "learned functions" from a certain mode:

Example: to delete all "Key Magic function" or "learned functions" from the TV mode:

1. **Press and hold the MAGIC key for about 3 seconds.** The screen will change to the setup screen.
2. Press **IR DELETE**.
3. Press the corresponding **device key** (example **TV**).
4. Press **ENTER** to restore the original function OR press and hold **ESC** to return to the user screen.

- *The original function (if present) of the KAMELEON 8 will be restored.*

Operational Reset

The Operational Reset will erase all learned functions across all modes. It may also delete some other programmed functions like Key Magic or Macros.

1. **Press and hold the MAGIC key for about 3 seconds.** The screen will change to the setup screen.
2. Press **OTHER**.
3. Press **9 8 0**. The IR Indicator will blink four times and the remote will return to the setup screen.

Extra Features

Key Magic®

(How to program missing functions)

Key Magic® is an exclusive ONE FOR ALL feature. The design of the *KAMELEON 8* ensures that many functions of your original remote control can be operated - even those that do not have their own key on the *KAMELEON 8* keypad. Frequently used functions can be assigned to a key of your choice using the Key Magic® feature of your *KAMELEON 8*. In order to program a certain function with Key Magic® you need to know the corresponding function code. As the function codes vary with different types of devices, they cannot be found in the manual. You can request your function codes through our consumer service help-line, by letter, fax or e-mail.

All we need to know is:

- Brand and Model number of the device in question (for verification if you are using the correct code).
- The 4-digit set-up code your device is working with.
- How the function was labeled on your original remote control.

You can also visit our website (**www.oneforall.com**) to find an answer to your questions.

Once you obtain(ed) your function code(s) from customer service, programming the code is easy:

1. **Press and hold the MAGIC key for about 3 seconds.** The screen will change to the setup screen.
2. Press **KEY MAGIC**.
3. Press the device key (**TV, SAT, DVD, VCR, PVR, CD or AUD**).
4. Press the **MAGIC** key once.
5. Enter the **5-digit function code** (provided by customer service).
6. Press the **key to which the function will be assigned** (if this key is located in a different screen than the main screen, use the **SCROLL** key to access the screen). The IR Indicator will blink twice and the screen will return to the Setup screen.

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- *Key Magic® functions are mode specific. To access the function you have programmed, press the device key first.*
 - *Key Magic® can be assigned to any key EXCEPT the following: Device keys, ESC, ENTER, MAGIC key and the SCROLL key.*
 - *Please note all the extended function codes you obtain from customer service for easy future reference.*
 - *Keys such as (TV) menu, (TV) guide etc. will not change screen when pressed during Key Magic® programming.*
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EXTENDED FUNCTION REFERENCE (first entry is an example):

DEVICE	SET-UP CODE	FUNCTION	FUNCTIONCODE
TV	0556	16/9 format	00234

Extra Features

Mode re-assignment

(How to set up two of the same devices on the *KAMELEON 8*)

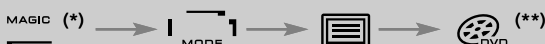
It is possible to change the mode of any device key. This is useful if you want to set up two of the same devices on the *KAMELEON 8*. The modified device key will display the applicable keys for the revised mode. The code can be set up using the "Direct set up" (p. 12) or "Search method" (p. 13). To change a device key, see the two examples below.

Example 1; if you like to program a second TV on the DVD key.

Example 2; if you like to program a second VCR on the SAT key.

Example 1:

To program a second Television on the DVD key (for example), you need to change the DVD key into a TV key, so press:



The DVD key has now become a second TV key and will display the applicable keys for this mode.

Now enter the Set-Up code for your second TV by pressing:



Example 2:

To program a second Video Recorder on the SAT key (for example), you need to change the SAT key into a VCR key, so press:



The SAT key has now become a second VCR key and will display the applicable keys for this mode.

Now enter the Set-Up code for your second VCR by pressing:



- If you program a different device type on another key (e.g. second TV on the DVD key) the original device key icon will remain, but the displayed function keys will change to suit the new device mode. For example; if a second TV is programmed on the DVD key, TV-text functions will be displayed in DVD mode.

Resetting a Device key

Example: To reset the DVD key to its original mode, press:



- (*) Press and hold the MAGIC key for about 3 seconds. The screen will change to the setup screen.
- (**) The animated IR Indicator will blink twice (the screen will change to the setup screen).

Extra Features

Volume Punch-Through

This feature allows you to adjust the volume of a certain mode (e.g. TV mode) while being in a different mode (e.g. VCR). If for example you're watching a programme on your Video, you can adjust the volume (a TV function) without first pressing the TV key. The chart below lists some of the possibilities:

Last key pressed:

SAT
DVD
VCR
PVR
CD
AUD
LIGHT

You can control:

: TV volume up and down, mute
: TV volume up and down, mute
: TV volume up and down, mute
: TV volume up and down, mute
: TV volume up and down, mute
: TV volume up and down, mute
: TV volume up and down, mute

Example: To punch through to AUD volume, being in any other mode (e.g. VCR, SAT or DVD mode):

1. **Press and hold the MAGIC key for about 3 seconds.** The screen will change to the setup screen.
2. Press **VOLUME**.
3. Then press the **AUD** key and the animated IR Indicator will blink **twice** and the remote will return to the setup screen.

Result: VOL+/- and MUTE will be from AUD mode independent of the selected device mode.

To cancel the "Volume Punch Through" per mode:

Example: to cancel the "Volume Punch Through" for the VCR mode:

1. **Press and hold the MAGIC key for about 3 seconds.** The screen will change to the setup screen.
2. Press **VOLUME**.
3. Then press the **VOL-** () key.
4. Press **VCR** once. The IR Indicator will blink **four times** and the unit will return to the SETUP screen.

Result: being in VCR mode, you will be able to control VOL+/- and MUTE functions of your VCR (provided it has volume control).

To cancel the "Volume Punch Through" for all modes:

1. **Press and hold the MAGIC key for about 3 seconds.** The screen will change to the setup screen.
2. Press **VOLUME**.
3. Then press the **VOL+** () key and the IR Indicator will blink **four times** and the screen will return to the setup screen.

Result: In all modes the VOL+, VOL- and MUTE keys will now operate the original functions again.

Extra Features

Device Sleptimer

If your device has a "Sleptimer" function built in, you can access this function with your KAMELEON 8 remote. To do so:

1. Make sure your **device** is **switched on**.
 2. Press the device key **TV** (or **SAT, DVD, VCR, PVR, CD, AUD**).
 3. Point the KAMELEON 8 at your device and press and release the **MAGIC** key then press **POWER**. You should see the Sleptimer activate on your device. To increase the timer, simply press POWER again (within 10 seconds) until the timer gets to the desired time.
-
- To deactivate the "Sleptimer", repeat steps 1 – 3 above. During step 3, continue pressing POWER again (within 10 seconds) until the timer indicates zero minutes.
 - Depending on how you used sleptimer on the original remote, you might need to access sleptimer in a different way (through menu for example).
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KAMELEON 8 - Timer

The KAMELEON 8 – Timer function allows you to activate a **<desired function>** from a specific **<device mode>** within a **<specific amount of minutes>** (max. amount of timer is 60 minutes).

- The **<desired function>** can be an existing function within a specific mode, a Macro, a Key Magic function or a Learned function.
-

Example: you want your TV to switch off after 45 minutes.

1. **Press and hold the MAGIC key for about 3 seconds.** The screen will change to the setup screen.
 2. Press **OTHER**.
 3. Press **9 8 5** to enter the KAMELEON 8 –Timer programming mode. The animated IR Indicator will blink twice.
 4. Press **TV** to select the mode where the KAMELEON 8 – Timer function will come from. The animated IR Indicator will blink twice.
 5. Press the **POWER** key to select the desired function. The animated IR Indicator will blink twice.
 6. Now press **4 5** to enter the amount of minutes after which the **<Desired function>** needs to be activated (e.g. for 5 min. press 05, max. up to 60).
 7. Press **ENTER**. The animated IR Indicator will blink twice and the KAMELEON 8 – Timer function will be activated.
-
- Invalid key presses during the programming of KAMELEON 8 - Timer will be ignored.
 - The **<Desired function>** can be any key except for Device keys, SCROLL, ESC, ENTER and MAGIC.
 - While the KAMELEON 8 – Timer is running, the IR animation will light every 15 seconds.
 - The KAMELEON 8 –Timer function is cancelled by setting up a new KAMELEON 8 – Timer function.
 - If no key is pressed while setting up a KAMELEON 8 – Timer function, the remote will return to user mode after 30 seconds.
 - The SCROLL key can be accessed any time during programming if applicable in the current device mode.
-

Extra Features

Macros (sequence of commands)

■ Macros (direct)

You can program your *KAMELEON 8* to issue a sequence of commands at the press of one button. For example, you may want to turn off your TV, VCR and Satellite at the same time. Any sequence of commands you regularly use can be reduced to one key stroke for your convenience. A key that is programmed with a Macro works through all modes (provided it's accessible in that mode). Therefore a Macro can best be set on either the I, II, III or IV key. However, you can install a Macro on any key (provided it's accessible in that mode), except for the device keys (TV, SAT, DVD, VCR, PVR, CD, AUD and LIGHT), MAGIC, ESC, ENTER and the SCROLL key.

Example: To set up a Macro that switches off your TV, VCR and SAT on the "I" key on your *KAMELEON 8*:

1. **Press and hold the MAGIC key for about 3 seconds.** The screen will change to the setup screen.
2. Press **MACRO**.
3. Press the device key (e.g. **TV**) to display all keys of the mode.
4. Then press the key to which the Macro will be assigned, in this case the "I" key.
5. Next press **TV, POWER, VCR, POWER, SAT, POWER**.
6. To store the Macro, press **ENTER**. The screen will return to the setup screen.

Result: Whenever you press the "I" key, the *KAMELEON 8* will turn off your TV, VCR and Satellite receiver.

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- Each MACRO can consist of a maximum of 22 keystrokes.
 - To include a function from a particular screen in a mode, use the SCROLL key.
 - Make sure that you program a Macro on a spare key that you don't use in any mode.
 - Once you program a Macro on a specific key, the sequence will work regardless of the mode (TV, SAT, DVD, VCR, PVR, CD, AUD or LIGHT) you are using (if the label is the same as the label on which the Macro was programmed). This means that the function picked on that specific key will be sacrificed.
 - To avoid accidental recordings with the *KAMELEON 8*, you must press the RECORD key twice to begin recording. Please note that if you assign a Macro or Shifted Macro to the RECORD key, this will deactivate the double key press. Therefore we recommend not to assign a Macro to this key.
 - If you had to hold down a key for a few seconds on the original remote control to get a function, this function may not work in a macro on your *KAMELEON 8* remote.
 - Keys such as (TV) menu, (TV) guide etc. will not change screen when pressed during Macro programming.
 - Upon changing the batteries your Macro(s) will be retained.
 - If you program a Macro on a key, the original function will become shifted (excluding POWER, CH+/- and VOL+/- keys). Press MAGIC then the key to access it. If you place a Macro on a digit key, access the original function by pressing MAGIC twice and then the digit key.
 - You can replace a Macro by placing another Macro on top.
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Extra Features

■ Shifted Macros

It is also possible to place a *shifted* Macro on a key to maintain the original function. The MAGIC key can be used as "SHIFT-function".

Example: To set up a Shifted Macro *that switches off your TV, VCR and SAT* on the "RED" key on your KAMELEON 8: (so that you will keep the original function on the "RED" key).

MAGIC*	MACRO	TV	MAGIC	"Red"	TV, POWER, VCR, POWER, SAT, POWER	ENTER
--------	-------	----	-------	-------	---	-------

Now every time you press "**MAGIC**", then the "**red**" key, the KAMELEON 8 will turn off your TV, VCR and Satellite.

- If a Shifted Macro is placed on the POWER, CH+/- or VOL+/- keys, the Sleptimer and Colour/Brightness features will be sacrificed.

■ To erase a (direct) Macro from a key

Example: To erase the Macro from the "I" key, press:

MAGIC*	MACRO	TV	"I"	ENTER
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■ To erase a (shifted) Macro

Example: To erase the Shifted Macro from the "red" key press:

MAGIC*	MACRO	TV	MAGIC	"red"	ENTER
--------	-------	----	-------	-------	-------

■ To erase all Macros in all modes

MAGIC*	MACRO	ENTER
--------	-------	-------

(*) Press and hold the MAGIC key for about 3 seconds.

The screen will change to the setup screen.

Extra Features

Code Upgrade Technology

Your *KAMELEON 8* contains a unique feature, which allows new codes to be added simply by holding it to your telephone. In a matter of seconds, our magnetic coupling technology quickly and reliably transfers information to the *KAMELEON 8* without complex plugs, adapters or attachments. This means, as you buy new products in the future, the *KAMELEON 8* will never become obsolete.

Internet download

(Upgrade your *KAMELEON 8* remote...via your PC)

1. Visit our website "**www.oneforall.com**".
2. Select **your region**.
3. Select "**Product support**".
4. Select "**Universal Remote Controls**".
5. Select **the ONE FOR ALL remote** you want to upgrade:
KAMELEON 8 (URC-8308).
6. Select '**Internet Download**'.



Now you have entered our special Online Download section. From this point just follow the instructions on the screen for easy upgrade of your remote.

Phone upgrade

(Upgrade your *KAMELEON 8* remote...via your phone)

Alternatively ring our consumer help-line and one of our customer service representatives will assist you through the entire process of upgrading your *KAMELEON 8*. To ensure the process goes smoothly, here are a few steps to follow:

1. Write down the brand name(s) and model number(s) of your device(s) in the space provided on the Consumer Service page before you call.
2. Ring our consumer help-line and explain which device(s) you would like added to your *KAMELEON 8*.
3. After our customer service agent records the brand name(s) and model number(s) of your device(s), he/she will lead you through the set up procedure and then will ask you to hold the *KAMELEON 8* to the speaker portion of your telephone (see diagram below). In doing this, the information needed for your device is transferred through the telephone into your *KAMELEON 8* in a matter of seconds.
Please note, cordless telephones, speaker telephones and mobile telephones are not recommended.
4. After your *KAMELEON 8* has been upgraded by telephone, stay on the line. Our customer service agent will ensure that your *KAMELEON 8* is working properly with your device(s) and will answer any other questions you may have.



Extra Features

Colour & Brightness

Depending on the functions of your original remote control, the *KAMELEON 8* can operate the colour and brightness settings of your Television.

To adjust the colour:

Press the **MAGIC** key followed by **Volume +** (for colour +) or **Volume -** (for colour -).

To adjust the brightness:

Press the **MAGIC** key followed by **Channel +** (for brightness +) or **Channel -** (for brightness -).

Depending on how you used colour and brightness on the original remote, you may need to access colour and brightness in a different way (through menu for example).

Trouble-Shooting

Problem & Solution

Problem:	Solution:
Your brand is not listed in the code section?	Try the search method on page 13.
The <i>KAMELEON 8</i> does not operate your device(s)?	A) Try all the codes listed for your brand. B) Try the search method on page 13.
The <i>KAMELEON 8</i> is not performing commands properly?	You may be using the wrong code. Try repeating the Direct Set-Up using another code listed under your brand or start the search method over again to locate the proper code.
Problems changing channels?	Enter the program number exactly as you would on your original remote.
Video / PVR / DVD / CD / AUD not recording?	As a safety feature on your <i>KAMELEON 8</i> , you must press the Record key twice.
The <i>KAMELEON 8</i> does not respond after pressing a key?	Make sure you are using new batteries and are aiming the <i>KAMELEON 8</i> at your device.
Your original remote had a "20" key?	You can find this function on the AV key.
Upon each key press, the IR indicator will blink 5 times?	Replace batteries with 4 fresh, new "AAA/LR03" alkaline batteries.
You are not able to enter programming mode?	Replace batteries with 4 fresh, new "AAA/LR03" alkaline batteries.

TV

A.R. Systems 0037 0352 0556 0374
0455

Accent 0009 0037 0556

Acer 1339

Adcom 0625

ADL 1217

Admiral 0093 0363 0418 0163
0264

Adyson 0216

AEA 0037 0556

AEG 1556 0606 1163

Agashi 0216 0264

AGB 0516

Aiko 0009 0037 0556 0216
0371 0035 0433 0361
0191 0264

Aim 0037 0412 0556 0753
0208 0706 0805

Aiwa 0701 1908 1505

Akai 0361 0208 0371 1537
0037 0433 0745 0191
0035 0009 0753 0218
0729 0714 0163 0516
0715 0602 0556 0548
0480 0631 0216 0264
0178 0377 0606 1037
1908 0473 0648 1259
1935

Akashi 0860 0009

Akiba 0218 0282 0455 0037
0556

Akira 0418

Akito 0037 0556

Akura 0037 0556 0668 0412
0009 0218 0282 0264
0714 1982

Aaron 0216

Alba 0037 1037 0556 0714
0009 0418 0370 0371
0668 0355 0218 0216
0247 0163 0487 0036
1908 0443 1935

Alkos 0035

All-Tel 0865

Allstar 0037 0556

Amplivision 0370

Amstrad 0009 0516 0264 0371
0218 0037 0556 0433
0412 0362 1037 0648
1982

Anam 0037 0556 0009 0650

Anam National 0037 0556 0650

Andersson 1163 1149

Anglo 0009 0264

Anitech 0009 0264 0037 0556
0282

Ansonic 0370 0037 0556 0009
0668 0374 0163 0411
0247 1437

Apollo 0473

Arc en Ciel 0109

Arcam 0216

Ardem 0486 0714 0037 0633
0556

Aristona 0556 0037

Arthur Martin 0163

ASA 0105 0346 0070

Asberg 0037 0556

Asora 0009

Astra 0037 0556

Asuka 0218 0216 0264 0282

ATD 0698

Atlantic 0037 0556 0216

Atori 0009

Auchan 0163

Audiosonic 0009 0037 0374 0820
0556 0109 0714 0715
0370 0264 0218 0486

Audioton 0486 0370 0264

Audioworld 0698

Autovox 0247

AVP 1908

AWA 0011 0036 0009 0374
0412 0037 0556 0216
0606 0108 0264 1376

Axxent 0009

Axxon 0714

B&D 1217

Baird 0109 0193 0343 0073
0208 1196

Bang & Olufsen 0565

Barco 0163

Basic Line 0374 0037 0163 0668
0556 0009 0218 0282
0455 0339 1037

Bauer 0805 0009

Baur 0009 0535 0195 0512
0037 0556 0191 0361
1505

Beaumark 0178

Beko 0714 0035 0486 0370
0037 0418 1037 0556
0606 0715 0808

Belson 1191 0894

Bennett 0556 0037

BenQ 1756

Beon 0037 0556 0418

Berthen 0668

Best 0370

Bestar	0037	0556	0370	0374
Bestar-Daewoo	0374			
Black Diamond	0614	0820	1037	0556
	0821	0753	1163	
Black Star	0247			
Black Strip	0035			
Blackway	0282	0218		
Blaupunkt	0191	0535	0195	0200
	0327	0328	0455	0170
	0036			
Blue Sky	0037	0714	1037	0487
	0668	0715	1909	0556
	0218	0282	0455	1908
	1191	0808	1363	
Blue Star	0282			
Bondstec	0247			
Boots	0009			
Bosch	0327			
BPL	0037	0556	0282	
Brandt	0625	0109	0287	0335
	0343	0560		
Brandt				
Electronique	0287	0335		
Brinkmann	0037	0556	0668	0519
	0418	0486		
Brionvega	0037	0556	0362	
Britannia	0216			
Brother	0264			
Bruns	0486			
BSR	0163	0361		
BTC	0218			
Bush	0668	0218	0163	0009
	0036	0037	0371	0282
	0355	0363	0374	0519
	0264	0361	1037	0487
	0208	1556	0614	0698
	0556	0714	1900	1908
	0778	1259		
Canton	0218			
Capsonic	0264			
Carad	0610	0037	0556	0668
	1037			
Carena	0455	0037	0556	
Carrefour	0036	0070	0037	0556
Carver	0170			
Cascade	0009	0037	0556	
Casio	0037	0556	0163	
Cathay	0037	0556		
CCE	0037	0556		
Celestial	0819	0820	0821	
Centrex	0780	0891		
Centrum	1037			
Centurion	0037	0556		
Century	0247			
CGE	0074	0084	0418	0247
	0370	0163		
Cimline	0009	0218		

Cinex	0648	1556		
City	0009			
Clarivox	0418	0037	0556	0070
Clatronic	0037	0370	0371	0714
	0218	0264	0556	0247
	0009	0648	0606	1163
Clayton	1037			
CMS	0216			
Cobolt	0891			
Combitech	1908			
Concorde	0009			
Condor	0037	0556	0370	0216
	0009	0282	0247	0418
	0411	0163	0264	
Conia	0754	0821	0894	0820
Conrac	0808			
Conrad	0037	0556		
Contec	0216	0009	0011	0036
	0264	0037	0556	
Continental				
Edison	0109	0287	0487	
Cosmel	0009	0037	0556	
Crosley	0247	0074	0084	0163
Crown	0009	0712	0370	0486
	0037	0556	0487	0714
	0606	0715	0418	0208
	0653	0339	1037	
CS Electronics	0216	0218	0247	
CTC	0247			
CTX	1756			
Curtis Mathes	0093			
Cybertron	0218			
Cytronix	1298			
D-Vision	0037	1982	0556	
Daewoo	0634	0374	1909	0499
	0661	0037	0556	0009
	0216	0218	1137	1908
	0880	1307	1598	0865
Dainichi	0218	0216		
Daitsu	1267			
Dansai	0037	0556	0264	0035
	0216	0009	0036	0208
Dansette	0412			
Dantax	0370	0486	0714	0606
	0715	1908		
Datsura	0208			
Dawa	0009	0037	0556	
Daytek	0698	1207	0706	1376
Dayton	1207			
Daytron	0009	0374	0037	0556
de Graaf	0208	0163	0548	0363
DEC	0795	0860	0891	
Decca	0516	0037	0556	1137
	1908			
Deitron	0037	0556	0374	0218
Denko	0264			

Denver	0037 0556 0606 1189
	0587
DER	0193
Desmet	0037 0556 0009
Diamant	0037 0556
Diamond	0264 0698 0009 0825
	0216 0371 0860 0820
Digatron	0037 0556
Digihome	1149
Digiline	0037 0556 0105 0668
DigiLogic	0037 0556
Digitex	0820
Digitor	0037 0556 0861
Digivision	0361
DigiX	0880
DiK	0037 0556
Dixi	0009 0037 0556 0247
DL	0891 0780 0037 0587
	0865
Domeos	0668
Domland	0394
Dream Vision	1704
DSE	0861 1556 0820
DTS	0009
Dual	0343 0519 0037 0556
	0352 0394 0163 1137
	0631 1149 1037
Dumont	0070
Dunai	0163
Durabrand	0037 1437 0556
Dux	0037 0556
DVX	0891
Dynatron	0037 0556
Easy Living	1248 1259
Ecco	0773 0706
Edison-Minerva	0487
Elbe	0435 0362 0370 0163
	0037 0556 0218 0191
	0411 0610 0516 0361
Elbe-Sharp	0516
Elcit	0247 0516 0163
Elekta	0009 0037 0556 0264
	0282
Elfunk	1208 1037
ELG	0037 0556
Elin	0216 0037 0556 0105
	0548 0361 0163 0009
Elite	0218 0037 0556
Elta	0009 0264 0216
Emco	0247
Emerson	0714 0178 0247 0037
	0556 0371 0070 0282
	0361 1909 0486 0370
	0163 0668
Emperor	0282
Enzer	0753
Erres	0037 0556

ESC	0037 0556
Estèle	0163
Etron	0001 0037 0556 0009
	0163 0820
Eurofeel	0264
EuroLine	0037
Euroman	0216 0264 0037 0556
	0370
Europa	0037 0556
Europhon	0037 0516 0163 0556
	0247 0216
Evesham	1248
Excel	0037 0556
Expert	0163
Exquisit	0037 0556 0247
Fagor	0037 0556
FairTec	1191
Family Life	0037 0556
Fast	1901
Fenner	0374 0009
Ferguson	0073 0625 0287 0335
	0193 0109 0560 0037
	0556 0035 0343 0653
	0108 0361 0548 0443
	1037
Fidelity	0163 0512 0363 0037
	0556 0371 0412 0193
	0216 0264 1908 0361
Finlandia	0208 0346 0548 0361
	0163 0363 0287 0343
Finlux	0105 0037 0556 0714
	0346 0163 0516 0715
	0070 0411 0631 0492
	0480 1556 0473 0418
	0606 0808
Firstline	0037 0556 0374 0668
	0714 0163 0009 0216
	0247 1909 0411 0208
	0361 1037 1191 0808
	1363 1163
Fisher	0036 0208 0370 0361
	0163
Flint	0037 0556 0610 0218
	0455 0264
Force	1149
Forgestone	0193
Formenti	0163 0037 0556 0486
	0216
Formenti-	
Phoenix	0216
Fortress	0093
Fraba	0037 0556 0370
Friac	0009 0037 0556 0370
	0499 0610
Frontech	0247 0264 0363 0009
	0163
Fujimaro	0865

Fujitsu	0163 0009 0352 0037
	0556 0361 0853
Fujitsu General	0009 0163
Fujitsu Siemens	1298 1259 1163
Funai	0668 0264 0412
Furichi	0860
Futronic	0264 0795 0860
Future	0037 0556
Galaxi	0037 0556 0361 0163
Galaxis	0370 0418 0037 0556
Galeria	0009
GBC	0163 0009 0374 0218
	0363
GE	0343 0178 0282 0560
	0287 0109 0335 0625
Geant Casino	0163
GEC	0163 0361 0037 0516
	0556
Geloso	0247 0009 0363 0163
	0374
General	0109 0287
General Electric	0343 0287
General Technic	0009
Genesis	0009 0037 0556
Genexxa	0218 0037 0556 0412
	0163 0009
Gericom	0865 1298 1217 0880
Goldfunk	0668
Goldhand	0216
GoldStar	0037 0009 0370 0001
	0377 0178 0247 0216
	0556 0163 0361 0109
	0363 0606 0714 0715
	0455
Gooding	0487
Goodmans	0634 1259 1037 0037
	0499 0556 0714 0668
	1909 0374 0036 0264
	0516 0009 0487 0371
	0343 0035 0480 0560
	0335 0218 1908 0661
	1900 0880 1308 0587
	1376
Gorenje	0370
GPM	0218
Gradiente	0653 0170 0037 0556
Graetz	0714 0361 0371 0163
	0037 0339 0556 1163
Gran Prix	0648
Granada	0037 0556 0226 0108
	0208 0036 0339 0516
	0473 0335 0560 0163
	0363 0225 0343 0548
Grandin	0037 0556 0009 0163
	0610 0714 0715 0668
	0374 0282 0218 0455
	1037 0865 1191 0880

Gronic	0163
Grundig	0195 0508 0535 0191
	0070 0487 0037 0443
	0706 0556 0587 0009
	0036 0370 1935 1908
	1308 0178 1376 0343
Grunkel	1163
H&B	0808
Haaz	0706
Haier	0698 0264
Halifax	0264 0216
Hammerstein	0264
Hampton	0216
Hanimex	0218 1908
Hanseatic	0037 0556 0499 0519
	0163 0361 0282 0394
	0634 0370 0661 0009
	0377 0714 0808 0486
Hantarex	0009 0037 0556 0516
Hantor	0037 0556
Harsper	0865
Harwa	0773 1196 1269
Harwood	0009 0412 0037 0556
	0487
Hauppauge	0037 0556
HCM	0009 0412 0037 0556
	0218 0418 0282 0264
Hedzon	0556 0037
Hema	0009
Hicon	1467
Hifivox	0109
Higashi	0216
Highline	0264 0037 0556
Hikona	0218
Hinari	0208 0037 0556 0009
	0218 0036 0163 0355
	0443 0487 0264 1908
Hisawa	0282 0218 0455 0610
	1908 0714
HISense	1363 0208
Hitachi	0225 1225 0578 0036
	0108 0473 0163 0343
	0516 0481 0499 0037
	0556 0109 0363 0548
	0719 0634 0744 0178
	1137 0105 0492 1481
	0361 0512 0480 1037
	1576 1149
Hitachi Fujian	0108 0225
Hitsu	0009 0610 0455 0218
HMV	0193
Höher	0714 1556 0865
Home	
Electronics	0606
Hornlyphon	0037 0556
Hoshai	0218 0455 0282
Huanyu	0374 0216

Hugoson	0890 1217
Hygashi	0216
Hyper	0009 0216 0247
Hypersonic	0361
Hypson	0037 0556 0714 0715
	0264 0282 0455 1908
	1037 0668 0486
Hyundai	0037 0865 0556 0706
	0860 0753 1598 1556
Iberia	0037 0556
ICE	0264 0037 0371 0009
	0556 0218 0216
Ices	0218 0216
Ict	0037 1137 0556
IISonic	1376
Iiyama	1217 0890
Imperial	0037 0163 0370 0074
	0084 0556 0411 0361
	0418 0247
Indiana	0037 0556
InFocus	1164
Ingelen	0487 0610 0714 0163
	0361
Ingersoll	0009
Inno Hit	0009 0037 0556 0218
	0516 0247 0282 1163
Innovation	0519 0037 0556
Innowert	0865 1298
inotech	0773 0820
Interactive	0037 0556 0512 0327
	0163 0361 0370 0109
	0411
Interbuy	0009 0037 0264 0247
	0512 0556
Interfunk	0037 0556 0512 0327
	0163 0361 0370 0109
	0247 0200
Internal	0037 0556 0499 0374
	1909
International	0216
Intervision	0282 0455 0037 0371
	0377 0519 0486 0370
	0394 0487 0218 0163
	0264 0247 0009 0556
Irradio	0009 0037 0556 0218
	0247 0371
Isukai	0218 0037 0556 0282
	0455
ITS	0037 0371 0218 0282
	0264 0216 0009 0556
ITT	0163 0480 0361 0473
	0548 0193 0346 0339
	0208 0610
ITT Nokia	0361 0548 0163 0473
	0480 0346 0208 0339
	0606 0610 0631 0363

ITV	0264 0037 0556 0247
	0374
JDV	1982
Jean	0036
JEC	0035
JMB	0037 0499 0634 0374
	0556 0443 1908
Jocel	0712
Jubilee	0556
JVC	0653 0036 0193 0371
	0218 0606 0418 0093
	0650
Kaisui	0218 0282 0037 0556
	0216 0455 0009
Kambrook	0377
Kamp	0216
Kapsch	0163 0361
Karcher	0037 0556 0370 0610
	0163 0282 0264 0778
	0714 1556 0606
Kathrein	0556 0037
Kawa	0371
Kawasho	0216
KB Aristocrat	0163
Kendo	0610 0037 0556 0163
	0519 0512 0370 0377
	0363 0411 0247 0362
	0648 1037 1437 0486
Kennedy	0163 0435
Kennex	1037
Kenwood	0105
Kingsley	0216
Kiota	0001
Kiton	0556 0037 0668
Kneissel	0037 0370 0610 0411
	0374 0499 0556 0435
	0362 1908
Kobra	1467
Kolster	0037 0556 0247 0218
Konichi	0009
Konka	0037 0556 0371 0714
	0418 0218 0641 0587
	0754 0894
Kontakt	0487
Korpel	0037 0556
Korting	0370
Kosmos	0037 0556
Kotron	0412 0264
Koyoda	0009
Kuba	0163
Kuba Electronic	0163
Kyoshu	0412 0418 0264
Kyoto	0163 0216
L&S Electronic	0865 0714
LaSAT	0486 0370
Lavis	1037 0037 0163
Leader	0009

Lecson	0037	0556		
Legend	0009			
Lemair	0411			
Lenco	0037	0009	0163	0374
	0556	0587	1037	
Lenoir	0009			
Lesa	0247			
Levis Austria	0037	0556		
Lexsor	1196			
Leyco	0264	0037	0556	
LG	0037	0178	0370	0009
	0377	1265	0001	0556
	0714	0216	0163	0606
	0109	0698	0715	1637
	1191	1423	1305	0247
	0361			
Liesen & Tter	0327	0037	0556	
Liesenkotter	0037	0327	0328	0556
Lifetec	0037	0009	0519	0374
	0668	0512	1037	1137
	0556	0218	0264	1248
	0714			
Lloyd's	0001	0009		
Lodos	1037	1149		
Loewe	0512	0633	0790	0037
	0556	0370	0362	0516
Logik	0011	0698	0773	0009
	0193	0264	0371	0001
	0880	1217	1037	
Logix	0668	0519		
Luker	1982			
Luma	0037	0363	0163	0411
	0556	0374	0009	0362
Lumatron	0363	0037	0556	0362
	0163	0361	0264	0073
Lux May	0037	0009	0556	
Luxor	1163	0363	0480	0492
	0361	0208	0548	0163
	0346	0473	1037	0631
LXI	0178			
Madison	0037	0556		
Magnadyne	0247	0516	0163	
Magnafon	0516	0216	0073	
Magnavox	0037	0556	0036	0780
Magnum	0648	0714	0037	0556
	0715	1289		
Mandor	0264			
Manesth	0037	0556	0264	0035
	0163	0363		
Manhattan	0037	0556	0668	1037
	1267	0163	0778	
Marantz	0037	0556	0412	
Mark	0037	0556	0216	0374
	0009	0714	0715	
Master's	0499	0037		
Masuda	0218	0371	0009	0264
	0037	0556		

Matsui	0037	0556	0487	0009
	0011	0355	0036	0371
	0433	0443	0363	0455
	0163	0516	0035	0208
	0195	0191	0335	0714
	1908	1037		
Matsushita	0650			
Matsuviana	0587			
Maxam	0264			
Maxdorf	0773			
Maxim	1982	1556		
MCE	0009			
Mediator	0037	0556		
Medion	0037	0714	0808	0519
	0668	0556	0512	1137
	0698	1908	1037	1437
	1900	1248	0880	1289
Megas	0610			
Megatron	0178			
MEI	1037	0037	0556	
Meletronic	0346	0037	0512	0109
	0343	0247	0105	0374
	0009	0480	0492	0216
	0411	0163	0287	0556
	0634	0361	0191	0195
	0661	0714		
Memorex	0009	0178	0650	
Memphis	0009			
Mercury	0001	0037	0009	0556
Merritt	0548	0361	0163	
Metz	0388	0447	0746	0367
	1163	0195	0535	0191
	0037	0556	0587	0668
	1037	1533		
MGA	0178	0037	0556	0218
Micromaxx	0037	0556	0668	1037
	0808			
Microstar	0808			
MicroTEK	0820			
Mikomi	1149			
Minato	0037	0556		
Minerva	0487	0535	0195	0070
	0191	0516	0108	
Minoka	0412	0037	0556	
Mirror	1900			
Mistral				
Electronics	0193			
Mitsubishi	0108	0093	0512	0037
	0178	0036	0193	0535
	0556	0208	1037	
Mitsuri General	0163			
Mivar	0370	0216	0609	0516
Monaco	0009			
Morgan's	0037	0556		
Motorola	0093			
MTC	0370	0512	0163	0216
	0361			

MTlogic	0714	1308
Multibroadcast	0193	
Multitec	0037 0556 0486 0668	
	1037 1556	
Multitech	0009 0363 0486 0037	
	0370 0556 0216 0247	
	0264	
Murphy	0216 0163	
Musikland	0037 0218 0247 0556	
MyCom	1376 0178	
Myryad	0556 0037	
NAD	0178 0361 0163	
Naiko	0037 1982 0606 0556	
Nakimura	0374 0037 0556	
Naonis	0363 0163	
Narita	1982	
NAT	0226	
National	0226	
NEC	0170 0587 1170 1270	
	0036 0455 0009 0374	
	0037 0556 0011 1704	
	0499 0653 0661	
Neckermann	0037 0191 0370 1505	
	0200 0556 0163 0327	
	0418 0247 0411 0363	
	0512	
NEI	0037 0556 0371 0163	
Neovia	0865 1376	
Nesco	0247 1908	
Netsat	0037 0556	
Neufunk	0037 0009 0556 0610	
	0218 0282 0714	
New Tech	0037 0009 0556 0343	
New World	0218	
Nicamagic	0216	
Nikkai	0218 0037 0556 0264	
	0035 0216 0009 0036	
Nikkei	0714	
Nikko	0178	
Nobliko	0070 0216	
Nogamatic	0109	
Nokia	0361 0163 0480 0548	
	0492 0473 0339 0208	
	0374 0631 0606 0346	
	0610 0109	
Nordmende	0109 0714 0891 0287	
	0560 0343 0195 0037	
	0556 0335 0163 1259	
Norfolk	0163	
Normerel	0037 0556	
Novak	0037 0556	
Novatronic	0037 0105 0374 0556	
NU-TEC	0455 0698	
Nurnberg	0163 0361	
Oceanic	0163 0361 0208 0473	
	0548 0480	
Odeon	0264	

Okano	0370 0037 0556 0264	
	0009	
Olidata	1376	
Omega	0264	
Omni	0780 0891 0698	
Onwa	0371 0602 0218 0433	
Opera	0037 0556	
Optimus	0650	
Optonica	0093	
Orbit	0037 0556	
ORcom	1504	
Orion	0037 0443 0355 0556	
	0714 0011 0009 0264	
	0412 0516 1908 0880	
	1196	
Online	0037 0218 0556	
Ormond	0668 1037 0037 0556	
Orsowe	0516	
Osaki	0218 0264 0037 0412	
	0374 0355 0556	
Osio	0037 0556	
Oso	0218	
Osume	0036 0218 0037 0556	
Otto Versand	1505 0036 0093 0512	
	0037 0556 0535 0195	
	0191 0361 0109 0226	
	0247 0009 0282 0343	
	0516 0519	
Pace	1908	
Pacific	0037 0556 1137 0714	
	1037 0443	
Pael	0216	
Palladium	0370 0037 0411 0714	
	1137 0191 1505 0200	
	0418 0556 0247 0327	
	0163 0519 0363	
Palsonic	0264 0412 0037 0377	
	0218 0698 0556 0773	
	0001 0418 0778 1196	
Panama	0009 0264 0216 0037	
	0556 0247	
Panashiba	0001	
Panasonic	0650 0108 0226 0361	
	0367 0516 0037 0556	
	0163 0548 1310 0001	
	0853 0178	
Panavision	0037 0411 0556	
Papouw	0037 0556	
Pathe Cinema	0163 0216 0370	
Pathe Marconi	0109	
Pausa	0009	
Perdio	0163 0037 0216 0282	
	0556	
Perfekt	0037 0556	
Philco	0084 0074 0418 0247	
	0163 0370 0037 0556	
	0519	

Philex	0193 0163
Philips	0556 0037 0191 0193
	0343 0374 0772 0009
	0200 1756 0361
Phocus	1289 1308 0714
Phoenix	0037 0556 0370 0486
	0163 0216
Phonola	0037 0556 0193 0216
Pilot	0556 0037 0712 0706
Pioneer	0760 0011 0037 0170
	0556 1260 0370 0343
	0361 0109 0163 0287
	0486 0512
Pionier	0370 0486
Plantron	0037 0556 0264 0009
Playsonic	0714 0037 0339 0715
Policom	0109 0361 0163 0070
	0074 0084 0535
Polytron	0282
Poppy	0009
Portland	0374 1909
Powerpoint	0487 0037 0556 0698
Prandoni-	
Prince	0247 0516 0361 0363
Premier	0009 0264
President	0860
Prima	0009 0264 0412 1269
Princess	0698
Prinston	1037
Prinz	0361
Profex	0009 0163 0361 0363
Profi	0009
Profitronic	0037 0556
Proline	0037 0556 0625 0634
	0411 1376
Prosonic	0037 0556 0370 0374
	0371 0668 0714 0216
Protech	0037 0556 0009 0247
	0264 0418 0668 0282
	0163 0486 1037
Proton	0178
Provision	0499 0037 0556 1037
	0714
PVision	1191
Pye	0037 0556 0374 0412
Pymi	0009
Quadral	0218
Quasar	0247 0650 0865 0009
Quelle	0037 1505 0011 0109
	0512 0535 0191 0361
	0036 0247 0074 0327
	0084 0328 0070 0105
	0668 0556 0195 0200
	0264 1037 0346 0009
Questa	0036
R-Line	0037 0556 0163

Radialva	0109 0218 0163 0037
	0556 0287
Radiola	0037 0556
Radiomarelli	0516 0247 0037 0556
RadioShack	0037 0556 0178
Radiotone	0009 0037 0556 0370
	0418 0412 0648 0668
	0264 1037
Rank	0070
Rank Arena	0036 0602 0753
RBM	0070
RCA	0625 0093 0560 0335
	0343 0753
Realistic	0178
Recor	0037 0418 0556
Rectiligne	0037 0556
Rediffusion	0361 0548 0036 0346
Redstar	0037 0556
Reflex	0037 0556 1037 0668
Relisys	0865 0877 1207 1298
Reoc	0714 0634 1909
Revox	0037 0556 0370
Rex	0363 0411 0247 0163
	0264
RFT	0370 0264 0037 0556
	0486
Rhapsody	0216
Ricoh	0037 0556
Rinex	0773 0418
Roadstar	1037 0009 0418 0037
	0556 0714 0668 0218
	0264 0282 1189 1900
Rodex	0037 0556
Rover	0036 0877
Rowa	0264 0698 0712 0009
	0216 0587 0037 0556
Royal Lux	0370 0412 0335
Rukopir	0556 0037
Saba	0625 0109 0560 0343
	0287 0163 0516 0361
	0498 0335 0548 0650
	0714
Sagem	0610 0455 0282 0830
	0618
Saisho	0516 0009 0011 0163
	0264
Saivod	0037 1982 0556 1163
	0668 0712 1037
Sakai	0163
Sakyno	0455
Salora	0163 0361 0516 0363
	0548 0339 0208 0480
Salsa	0335
Sambers	0516

Samsung	0618 0587 0037 0178
	0556 1249 0093 1235
	0009 0370 0264 0216
	0208 0519 0163 0625
Sandra	0216
Sansui	0037 0729 0556 0706
	0371 0602 0455 0861
	0753
Santon	0009
Sanyo	0208 1208 0036 0011
	0370 0339 0216 0009
	0163 0037 0108 0556
	0486 0170
Save	0037 0556
Saville	1908
SBR	0037 0556 0193
Schaub Lorenz	0548 0714 0361 0606
	0486 0374 1191
Schneider	1137 0037 0556 0519
	0394 0352 0343 0247
	0371 0361 0218 0668
	1037 0163 0648 0714
	1909 1908 1982 0070
Scotland	0163
Scott	1189 0178
Sears	0178
Seaway	0634
Seelver	0556 1037 0037
SEG	0037 0556 1037 1437
	0668 0487 0009 0163
	0264 0634 0036 0247
	0362 0216 1163 0218
	1909 1901 0714
SEI	1505 0163 0516 0037
	0556
Sei-Sinudyne	0516 1505 0037 0556
Seitech	1217
Seleco	0363 0362 0163 0411
	0371 0036 0264 0346
	0435
Sencora	0009
Sentra	0035 0218 0009
Serino	0610 0455 0216 0093
Sharp	0093 1193 0036 0653
	0193 0516 0200 0760
	1393 1163
Shintosh	0037 0556
Shivaki	0037 0556 0443 0374
	0178
Show	0418 0009
Siarem	0163 0516
Siemens	0191 0535 0200 0195
	0327 0328 0037 0556
	0361
Siera	0037 0556 0587
Siesta	0370

Silva	0037 0556 0216 0361
	0648
Silva Schneider	1556
Silver	0036 0037 0455 0361
	0556 0715 0163
SilverCrest	1037 0037 0556
Singer	0009 1537 0037 0556
	0247 0435 0335 0163
Sinotec	0773
Sinudyne	0163 0361 0516 1505
	0037 0556 1908
Sky	0037 0282 0880 0178
	0556 1504
Skymaster	0105
Skysonic	0753
Sliding	0865 0880
SLX	0668
Smaragd	0487
Soemtron	0865 1298
Solavox	0361 0163 0548 0037
	0556
Sonawa	0218
Soniko	0037 0556
Soniq	1467
Sonitron	0208 0370 0339
Sonneclair	0037 0556
Sonoko	0037 0556 0009 0264
	0282
Sonolor	0208 0163 1505 0548
	0361 0282
Sontec	0037 0556 0370 0009
Sony	1505 1651 0011 1751
	0353 0036 0037 0556
	0093 0170 0074
Sound & Vision	0218 0374 0037 0556
Soundesign	0178
Soundwave	0037 0556 0418 0715
Soyea	0773
Spectra	0009
Ssangyong	0009
Staksonic	0009
Standard	0037 0556 1037 0218
	0009 0374
Starlite	0009 0163 0037 0556
	0264 0412
Stenway	0282 0218
Stern	0163 0363 0264 0411
	0435
Stevison	1982 1556
Strato	0037 0556 0264 0009
Strong	1163 1149 1037 0037
	0556
Sunic Line	0037 0556
Sunkai	0355 0455 0218 0610
	0037 0556 0487 0865
Sunstar	0371 0037 0556 0009
	0264

Sunwatt	0455
Sunwood	0037 0556 0009
Superla	0516 0216
Supersonic	0208 0556 0698 0264
	0805 0455
SuperTech	0009 0037 0556 0216
	0218
Supra	0178 0374 0009
Susumu	0335 0218 0287
Sutron	0009
Svasa	0805
Swissline	0247
Swisstec	1504 0880
Sydney	0216
Sysline	0037 0556
Sytong	0216
T+A	0447
Tandberg	0367 0411 0109 0362
	0361 0163
Tandy	0218 0247 0093 0163
Tashiko	0036 0170 0216 0163
	0363
Tatung	1556 0037 0556 0516
	0011 1908 1756 1259
	1191
TCM	0714 1289 0808
Teac	0698 0512 0037 1437
	1037 0556 0712 0668
	0455 0706 0264 1909
	0178 0009 0412 0282
	0418 0170 0714 1149
	1755
TEC	0009 0247 0335 0037
	0556 0361 0163
Tech Line	0037 0556 0668 1437
	1163
Tech Lux	1189
Techica	0218
Technica	1982
Technics	0650
TechniSat	0037 0556 0163 1267
Technisson	0714 1289
Technosonic	0037 0556
Techwood	1163
Tecnimagen	0556
Tedelex	0418 0606 1537 0009
	0706 0208 0698 0587
	0891 0037 0556
Teiron	0009
Teleavia	0109 0287 0343
Telecor	0037 0556 0163 0218
	0394

Telefunken	0625 0560 0074 0587
	0109 0698 0343 0712
	0498 0820 0896 0754
	1504 0287 0084 0335
	0073 0037 0556 0486
	0714 1556 0346 0821
Telefusion	0037 0556
Telegazi	0037 0163 0218 0264
	0556
Telemeister	0037 0556
Telesonic	0037 0556
Telestar	0009 0037 0556 0412
Teletech	0037 0556 0668 0009
	0247 1037
Teleton	0163 0036 0363
Televideon	0163 0216
Televiow	0037 0556
Tempest	0009 0037 0556 0264
Tennessee	0037 0556
Tensai	0218 0037 0556 0009
	0105 0374 0371 0377
	0247 0715 0163 1037
Tenson	0009
Tesla	0037
Tevion	0519 0894 1259 1298
	0037 1556 0556 0808
	0648 0668 1137 0714
	1037 1248 1289
Texet	0374 0009 0216 0218
Thomson	0625 0560 0343 0287
	0109 0335 0037 0556
	0216
Thorn	0108 0193 0109 0073
	0225 0343 0361 1505
	0074 0084 0499 0535
	0037 0556 0011 0335
	0512 0036 0374 0035
	0070
Thorn-	
Ferguson	0108 0109 0193 0361
	0335 0499 0073 0035
Tiny	1196 1269
TMK	0178
Tobishi	0218
Tokai	0037 0556 0668 0163
	0374 0009 1037
Tokaido	1037
Tokyo	0216 0035
Tomashi	0282 0218
Tongtel	0780 0587
Topline	1037 0668
Toshiba	0508 1508 0035 1289
	0036 0070 0714 0109
	0718 0195 0191 0618
	1908 0009 0698 0037
	1164 1163 1935 1556
	1265 0650 1704

Toyota 0009 0371 0264
 Trakton 0009 0264
 Trans
 Continens 0668 1037 0037 0556
 0486
 TRANS-
 continents 0865
 Transonic 0037 0556 0455 0587
 0512 0264 0698 0712
 0418 0009
 Transtec 0216
 Triad 0037 0556 0218
 Trident 0516
 Tristar 0264 0218 0193
 Triumph 0516 0346 0556 0037
 Tsoschi 0282
 TVTEXT 95 0556
 Uher 0037 0556 0374 0418
 0486 0370 0480
 Ultravox 0374 0247 0216 0163
 0037 0556
 Unic Line 0037 0556 0473 0455
 United 0714 0037 0715 0556
 1908 1037 0587 1982
 Universal 0037 0556
 Universum 0346 0105 0195 0473
 0535 0361 0247 0492
 0480 0370 0200 0418
 0011 0037 0512 0036
 0070 0163 0264 0556
 0411 0074 0327 0328
 1505 0668 0109 0362
 0631 0009 0084 1901
 1037 1437 0170 1163
 1149 0618
 Univox 0037 0556 0163
 Utax 0163
 V7 Videoseven 1755 0178 0880 1376
 1217
 Vestel 0037 0163 0556 0668
 1037 1163
 Vexa 0009 0037 0556
 Victor 0653
 Videologic 0218 0216
 Videologique 0216 0218
 Videosat 0247
 VideoSystem 0037 0556
 Videotechnic 0216 0374
 Videoton 0163
 Vidtech 0036 0178
 ViewSonic 1755
 Visiola 0216
 Vision 0037 0264 0556
 Vistar 0361
 Vortec 0037 0556
 Voxson 0037 0556 0363 0418
 0163 0178

Waltham 0418 0287 0037 0556
 0668 0109 1037 0163
 0443
 Watson 1037 1248 0037 0556
 0163 0009 0668 0218
 0519 0394 1908 1437
 1376 0327
 Watt Radio 0163 0216
 Wega 0037 0556 0036
 Wegavox 0009 0037 0556
 Welltech 0714
 Weltblick 0037 0556
 Weston 0037 0556
 Wharfedale 0037 0861 0519 0896
 0556 1556
 White
 Westinghouse 0216 0037 0556 1909
 Windsor 0668 1037
 Windstar 0282
 Windy Sam 0556
 Wintel 0714
 World-of-
 Vision 0880 0890 0865 1289
 1298 0877 1217
 Worldview 0455
 X-View 1191
 Xenius 0634
 XLogic 0698 0860
 Xoro 1196 1217
 Xrypton 0037 0556
 Yamaha 0650 1576
 Yamishi 0282 0455 0218 0037
 0556
 Yokan 0037 0556
 Yoko 0037 0556 0218 0264
 0009 0370 0339 0216
 0247
 Yorx 0218
 Zanussi 0363
 Zenith 1909
 Zenor 0339
 ZX 1908

VCR

Accent	0072
Adyson	0072
Aim	0278 0642 0348
Aiwa	0307 0000 0348 0352 0037 0742 1137 0032
Akai	0037 0106 0315 0642 0352 0240 0348
Akashi	0072
Akiba	0072
Akura	0072
Alba	0278 0072 0352 0000 0315 0348 0081
Allorgan	0240
Allstar	0081
Amstrad	0000 0278 0072
Anitech	0072
Ansonic	0000
Aristona	0081
ASA	0037 0081
Asuka	0072 0037 0081 0000 0038
Audiosonic	0278
AVP	0352 0000
AWA	0037 0278 0642 0043
Baird	0106 0278 0104 0000
Basic Line	0278 0072 0104
Beko	0104
Bestar	0278
Black Diamond	0642 0278
Black Panther	0278
Blaupunkt	1562 0226 0081
Blue Sky	0037 0348 0072 0352 0278 0000 0480 0642 1137
Bondstec	0072
Brandt	0206 0320
Brinkmann	0348
Bush	0072 0278 0315 0352 0000 0348 0081 0642 0742
Carena	0081
Carrefour	0045
Casio	0000
Cathay	0278
CGE	0000
Cimline	0072
Clatronic	0072 0000
Combitech	0352
Condor	0278
Crown	0037 0278 0072 0480
Cyrus	0081

Daewoo	0278 0642 0637 0348 0352 0045
Dansai	0072 0278
Dantax	0352
Daytron	0278
de Graaf	0042 0166 0081 0104 0048
Decca	0000 0081 0067 0348 0352
Deitron	0278
Denko	0072
Diamant	0037
Diamond	0278
Digitor	0642
DSE	0642
Dual	0081 0278 0000 0348
Dumont	0000 0081 0104
Durabrand	0642
Elbe	0278 0038
Elcatech	0072
Elin	0240
Elsay	0072
Elta	0072 0278
Emerson	0072 0045 0000 1137
ESC	0278 0240
EuroLine	0348
Fast	0897
Ferguson	0320 0000 0278
Fidelity	0000 0072 0240 0432 0352
Finlandia	0104 0081 0042 0166 0000 0048 0037 0043 0106 0226
Finlux	0000 0081 0104 0042
Firstline	0072 0348 0043 0037 0045 0042 0278 1137
Fisher	0104 0038
Flint	0348
Frontech	0072
Fujitsu	0000
Fujitsu General	0037
Funai	0000
Galaxi	0000
Galaxis	0278
GE	0320
GEC	0081
General Technic	0348
Genexxa	0104
Goldhand	0072
GoldStar	0037 0480 0000
Goodmans	0000 0072 0240 0278 0037 0081 0348 0637 0352 0642
GPX	0037
Graetz	0104 0240

Granada 0104 0048 0081 0240
 0037 0226 0042 0000
 Grandin 0072 0037 0000 0278
 Grundig 0347 0081 0226 0320
 0348 0072 0352 0742
 Haaz 0348
 Hanimex 0352
 Hanseatic 0037 0278 0081 0038
 Harwood 0072
 HCM 0072
 Hinari 0072 0352 0278 0240
 Hisawa 0352
 Hischito 0045
 Hitachi 0042 0166 0000 0240
 0081 0104
 Höher 0278 0642
 Hornyphon 0081
 Hypson 0072 0278 0352 0000
 0037 0480
 Imperial 0000 0240
 Ingersoll 0240
 Inno Hit 0240 0278 0072
 Interbuy 0037 0072
 Interfunk 0081 0104
 Internal 0278 0637
 International 0278 0037
 Intervision 0000 0278 0037 0348
 Irradio 0072 0037 0081 1137
 ITT 0106 0104 0240
 ITT Nokia 0048
 ITV 0278 0037
 JMB 0352 0348
 Joyce 0000
 JVC 0067 0206
 Kaisui 0072
 Kambrook 0037
 Karcher 0278
 Kendo 0106 0315 0348 0072
 0037 0278
 Kenwood 0038
 KIC 0000
 Kneissel 0352 0348 0037 0278
 Kolster 0348
 Korpel 0072
 Kyoto 0072
 Lenco 0278
 Leyco 0072
 LG 0037 0480 0000 0278
 1137
 Lifetec 0348
 Loewe 0081 1562 0226 0037
 Logik 0240 0072 0106
 Lumatron 0278
 Lux May 0072
 Luxor 0106 0043 0072 0104
 0048 0315
 Magnavox 0081 0642

Magnum 0642
 Manesth 0072 0045 0081
 Marantz 0081 0038
 Mark 0278 0000
 Mastec 0642
 Master's 0278
 Matsui 0348 0037 0240 0352
 0000 0742
 Mediator 0081
 Medion 0348 0352
 Meletronic 0000 0037 0038
 Memorex 0104 0000 0037 0048
 Memphis 0072
 Metronic 0081
 Metz 1562 0347 0836 0081
 0226 0037
 Micormay 0348
 Micromaxx 0348
 Migros 0000
 Mitsubishi 0043 0067 0081 0480
 0000 0642
 Multitec 0037
 Multitech 0000 0072 0104
 Murphy 0000
 Myryad 0081
 NAD 0104
 Naiko 0642 0348
 National 1562 0226
 NEC 0038 0067 0040 0104
 0037 0278 1137
 Neckermann 0081
 Nesco 0072 0000 0352
 Neufunk 0037
 Nikkai 0072 0278
 Nokia 0104 0106 0315 0278
 0240 0048 0042 0081
 Nordmende 0320 0067
 NU-TEC 0348
 Oceanic 0000 0048 0106 0081
 0104
 Okano 0315 0348 0072 0278
 Onimax 0642
 Orbit 0072
 Orion 0352 0348 0742
 Orson 0000
 Osaki 0000 0037 0072
 Osume 0072
 Otto Versand 0081
 Pace 0352
 Pacific 0000
 Palladium 0072 0315 0037 0240
 0348 0432
 Palsonic 0072 0000 0642
 Panasonic 1562 0226 0836
 Pathe Cinema 0043
 Perdio 0000
 Philco 0038 0072

Philips 0081
 Phoenix 0278
 Phonola 0081
 Pioneer 0067 0081 0042
 Portland 0278 0637
 Prinz 0000
 Profitronic 0081 0240
 Proline 0000 0278 0320 0642
 Proscio 0278
 Prosonic 0278 0000
 Protech 0081 0278
 Provision 0278
 Pye 0081 0000
 Quasar 0278
 Quelle 0081
 Radialva 0037 0072 0081 0048
 Radiola 0081
 Radionette 1137 0037
 RCA 0320
 Reoc 0348 0637 0278
 RFT 0072
 Roadstar 0240 0072 0037 0278
 0742 0081
 Royal 0072
 Saba 0206 0320 0278
 Saisho 0348
 Salora 0043 0106 0104
 Samsung 0240 0432
 Sansui 0067 0106 0072 0348
 Sanyo 0104 0048 0067 0348
 Saville 0352 0278 0240
 SBR 0081
 ScanSonic 0240
 Schaub Lorenz 0104 0000 0106 0315
 Schneider 0072 0000 0037 0081
 0278 0240 1137 0042
 0897 0352 0642
 Seaway 0278
 SEG 0072 0240 0278 0642
 0081 0637 0871
 SEI 0081
 Sei-Sinudyne 0081
 Seleco 0037
 Sentra 0072
 Setron 0072
 Sharp 0048 0037 0569
 Shintom 0072 0104
 Shivaki 0037
 Siemens 0037 0104 0081 0320
 0347
 Siera 0081
 Silva 0037
 Silver 0278
 SilverCrest 0642
 Singer 0348 0045
 Sinudyne 0081 0352
 Smaragd 0348

Sonneclair 0072
 Sonoko 0278
 Sonolor 0048
 Sontec 0037 0278
 Sonwa 0642
 Sony 0032 0106
 Soundwave 0037 0348
 Ssangyong 0072
 Standard 0278
 Starlite 0037 0104
 Stern 0278
 Sunkai 0348 0278
 Sunstar 0000
 Suntronic 0000
 Sunwood 0072
 Supra 0037 0240 0348 0278
 Symphonic 0000 0072
 T+A 0226
 Tandberg 0278
 Tashiko 0000 0048 0240 0081
 0037
 Tatung 0000 0081 0048 0043
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 Tchibo 0348
 TCM 0348
 Teac 0072 0000 0278 0642
 0037 0081 0307 0637
 TEC 0278 0072
 Tech Line 0072
 Technics 0226
 TechniSat 0348
 Tedalex 0037 0348 0642
 Telefunken 0642 0320 0278 0206
 Telestar 0037
 Teletech 0072 0278 0000
 Tenosal 0072
 Tensai 0000 0037 0072 0278
 Tevion 0348 0642
 Textet 0278
 Thomson 0320 0722 0067 0206
 0278
 Thorn 0104 0037
 Thorn-
 Ferguson 0320
 Tokai 0072 0037 0104
 Tokiwa 0072
 Topline 0348
 Toshiba 0045 0043 0081 0742
 0352
 Towada 0072
 Tradex 0081
 Tredex 0278
 Triad 0278
 Uher 0037 0240
 Ultravox 0278
 Unitech 0240
 United 0348 0742

United Quick	
Star	0278
Universum	0000 0081 0240 0037 0106 0348 0871 0104
Victor	0067
Video Technic	0000
Watson	0081 0352 0278 0642
Weltblick	0037
Wharfedale	0642
World	0348
Yamishi	0072 0278
Yokan	0072
Yoko	0037 0072 0240
Yoshita	0072
Zenith	0637
ZX	0348 0352

SAT

@sat	1300
@Sky	1334
ABsat	1323 0713
ADB	0642 0887 1259 1418 1367 1491 1473
Adcom	0200
Akai	0200
Alba	0455 0713 1284 1659 1811
Allsat	0200 1017 1043
Allsonic	0369
Alltech	0713
Allvision	1232
Alpha	0200
Amitronica	0713
Ampere	0132
Amstrad	0847 1693 1175 0713 0132 1113
Anglo	0713
Ankaro	0369 0713 1279
AntSat	1017 1083
Apollo	0455
Arcon	1043 1279 0132 1075
Armstrong	0200
Arnion	1300
ASA	0299
Asat	0200
ASCI	1334
ASLF	0713
AssCom	0853
Aston	1129 1261
Astra	0713
Astratec	1743

Astro	0133 0173 0369 0658 1113 1099 1100 0200 0292
Atlantic	
Telephone	1333
Audioline	1429
Aurora	0879 0642 1333 1433
Austar	1259 0642 0879 1176
Axil	1457 1659
Axis	1111 0369
B@ytronic	1412
Bauckhage	1331
Beko	0455
Bentley Walker	1017
Best	0369
Big Sat	1457
Black Diamond	1284
Blaupunkt	0173
Blue Sky	0713
Blue Star	1279
Boca	0132 1366 0713 1232
Boston	0132
Brainwave	1214 0658 1672
British Sky	
Broadcasting	0847 1175
Broco	0713
BSkyB	0847 1175 1662
BT	1296
Bubu Sat	0713
Bush	1471 1672 1645 1743 1811
Canal Digital	1622 1853 0853 0167 1046
Canal+	0853 0292 1853
CanalSatellite	0853 1339 0292 1853
CGV	1413
Cherokee	1323
Chess	1334 0713 1626
Chili	1718
CityCom	1176 1232 0299 0394 0818 0504 1075
Clatronic	1413
Colombia	0132
Columbia	0132
Comag	0132 1366 1413 1232 1579 1412
Condor	0369 1700
Conia	1695
Connexions	0369
Conrad	0369 0132
Contec	0394
Continental	
Edison	1695
Coship	1457
Crown	1284
Cryptovision	0455
Cyrus	0200

SATELLITE

SATELLITE

D-box	1114	0723		
Daewoo	1296	0713	1743	1111
Deltasat	1075			
DGTEC	1242	1542	1631	
Digatron	1294			
Digenius	0299	1161		
DigiFusion	1645	1743		
DigiQuest	1457	1300		
DigiSat	1232			
Digisky	1457			
Digital+	1853			
DigitAll World	1227			
DiPro	1543	1473	1418	1367
Distratel	1704	1283		
Distrisat	0200			
DMT	1075			
DNT	0200			
Dream				
Multimedia	1237			
DSE	1375			
DStv	0642	0879		
Dune	0369			
Durabrand	1284			
Echostar	1200	0610	0167	0853
	0713	1323	1473	1409
	1418	1767		
Einhell	0132	0713		
Elap	0713	1129	1567	
Elsat	0713			
Elta	0200	0369	1659	
Emme Esse	0369			
eMTech	1214			
Energy Sistem	1631			
Engel	1017	0713	1251	
EP Sat	0455			
Eurocrypt	0455			
EuroLine	1251			
Europa	0200			
Europhon	0299	0132		
Eurosat	1567			
Eurosky	0132	0299	0369	0262
Eurostar	0818			
Eutelsat	0713			
Eycos	1279			
Fast	1901			
Fenner	0713	0369		
Ferguson	1291	0455	0711	1743
Finepass	1593			
Finlandia	0455			
Finlux	0455			
Flair Mate	0713			
FMD	1251	1457	1413	
Fortec Star	1017	1083		
Foxtel	1356	0879	0720	0455
	1176	1162		
Fracarro	0125			
Freecom	0173			

FTEmaximal	0369	0713		
Fuba	1801	0369	0173	0394
	1161	0299	0262	1251
Fugionkyo	0125			
Galaxis	1111	1557	1176	0853
	0369	0879		
Gardiner	0818			
Garnet	1075			
GbSAT	1214			
Gecco	1412			
General				
Satellite	1176			
GF	1043			
Globo	1251	1626	1412	1429
	1334			
GOD Digital	0200			
Gold Box	0292	0853		
Gold Vision	1017	1631		
Golden				
Interstar	1283			
GoldStar	0394			
Goodmans	1284	0455		
Gradiente	0887			
Granada	0455			
Grundig	0173	0847	1291	0879
	0853			
Handan	1622			
Hanseatic	1099	1100		
Hänsel &				
Gretel	0132			
Hauppauge	1294	1672		
HB	1214			
HDT	1011	1159		
HE@D	1279			
Hills	1232			
Hirschmann	1111	1113	0173	0299
	0442	1232	0369	0125
	1412			
Hitachi	1284	0455		
HNE	1232	0132		
Homecast	1214	1680	1700	
Humax	1176	1915	1427	1675
	1225	1743		
Huth	0132	1017	1075	
Hyundai	1011	1159	1075	
iCan	1367			
ID Digital	1176			
ILLUSION sat	1557	1631		
Imperial	1429	1334	1099	1100
	1195	1197	1351	0200
	0292	1672		
International	0132			
Interstar	1017	1214		
iotronic	0132			
ITT Nokia	0455	0723		
Jadeworld	0642			
Jaeger	1334			

Jepssen	1214
K-SAT	0713
Kamm	0713
Kaon	1300
KaTelco	1111
Kathrein	0504 1567 0480 1561
	0658 0553 0173 0394
	0442 0200 0713 0818
	1323 1416
Kennex	0125
Kenwood	0853
Key West	0132
Kocmoc TB	1333
Kongque	1300
Koscom	1043
Kosmos	0442
Kreatel	1385
Kreiling	0658
Kreismeyer	0173
Kross	1695
Kyostar	0132
L&S Electronic	0369 1043 0132 1334
Labgear	1296
LaSAT	0369 0132 0299
Legend	1718
Legend Digital	1718
Lenco	0713 0369
Lennox	0369
Lennox	1611
Lexus	0200
LG	1414 1075
Lifesat	0132 0369 0299 1043
	0713
Lodos	1284
Logik	1284
Logix	1017 1075
Lorenzen	0299 1294 1161 0132
Lupus	0369
M vision	1557
Macab	0853
Madritel	0642
Manata	0713 0132
Manhattan	1083 0455 1017
Marantz	0200
Mascom	0442
Maspro	0713 0173
Master's	0394
Matsui	0173 1743
Maximum	1075 1334
MDS	1225
Mediabox	0292 0853
Mediacom	1206
MediaSat	0292 0853
Medion	1232 0299 0713 1043
	0132 1075 1412 1626
	1334 0369
Medison	0713

Mega	0200
Meletronic	0818
Metronic	0713 1279 1283 0818
	1704 0132 1375
Metz	0173
MiCO	1811
Micro	0713 1294
Micro	
electronic	0713
Micro	
Technology	0713
Micromaxx	0299 0369
Microstar	1075
Microtec	0713
Mitsubishi	0455
Morgan's	0200 0713 0132 1409
Motorola	0856
Muller	1695
Multichoice	0642 1333 0879 1433
	1559 1560
Mx Onda	1659
Myryad	0200
Mysat	0713
NEC	1617
Neotion	1334
Netgem	1322
Neuf TV	1322
Neuhaus	0713
Neuling	1232
Neusat	0713 1279 1331
Neveling	1161
Nevir	1659
NextWave	1017
Nikko	0713 0723 0200
Noda	
Electronic	1704
Nokia	1114 1223 1023 0723
	0853 1723 0455 1311
Nordmende	1611 0455
Nova	0879
OctalTV	1294
Okano	0442
Opentel	1232 1412
Optex	0394 1283 1043 0713
	1611
Optus	0879 0292 0853
Orbis	1334 1412
Orbitech	1099 1100 0200 0292
	0262 1351
P/Sat	1232
Pace	0455 0847 0887 1693
	1175 1356 1850 0241
	1323 0791 0720 0200
	0853 1423 1623 1717
Pacific	1375 1284
Packard Bell	1111
Palcom	0299 1161 1409 1331

Panasat	0879
Panasonic	0847 1304 1404 0455
Panda	0455 0173
Patriot	0132
peeKTON	1457
Philips	0200 1114 0853 0099
	0133 0292 0818 1672
	0455 0173 1429
Phonotrend	1017 1200
Pilotime	1339
Pino	1334
Pioneer	0329 0853 0292 1308
Polytron	0394
Portland	1296
Power Sky	1279
Preisner	0132 1113 0262 1366
Premier	0292
Premiere	0853 1114 0723 1111
	1176 1195 1100 0658
	0292 1717
Primacom	1111
Promax	0455
QNS	1404
Quadral	0369 1323
Quelle	0299
Radiola	0200
Radix	1113 1317 0394
RCA	1291
Rebox	1214
Red Star	0369
Regal	1251
RFT	0200
Roadstar	0713 0853
Rover	0713 0369
Rownsonic	1567
S-ZWO	1207
SAB	1251
Sabre	0455
Sagem	0820 1114 1253 1690
	1692
Samsung	1700 1916 1570 1293
	1458 1017 1206 0853
Sat Control	1300
Sat Team	0713
SAT+	1409
Satec	0713
Satelco	0369
Satplus	1100
Satstation	1083
Schaub Lorenz	1214
Schneider	1251 1206 1901
Schwaiger	0394 1083 0504 1334
	1457 1412 1317 1111
	0132 1075
SCS	0299

Sede	
Electronique	0125 0132 1283 1626
	1279
SEG	1251 0369 1626 1075
Serino	0610
Servimat	1611
ServiSat	1251 0713
Sherwood	1611
Siemens	0173 1657 1429 1334
Silva	0299
SilverCrest	1579
Skantin	0713
SKR	0713
SKT	1449
Sky	0847 0856 0887 1175
	0711
SKY Italia	1848 1693 1850
Sky XL	1412 1251
SKY+	1175
Skymaster	0713 1409 1200 1075
	1611 1334
Skymax	0200
skyplus	1232 1334 1412
SkySat	0713
SL	0132 1672
SM Electronic	0713 1200 1075
Smart	0132 0299 1113 1232
	0713 1413
Soniq	1567
Sony	0847 1558 0282 0853
	0455 0292
SR	0132
Star Sat	0132
Starland	0713
Stream	1848
Strong	0125 0820 1367 1409
	1543 1626 0369 0879
	0853 1159 1300 1473
	1418 1765 1284
Sunny	1300
Sunny Sound	0369
Sunsat	0713
Sunstar	0369 0132 0642
Supermax	1283
Systec	0132 1334
Tantec	0455
Tarbs	1225
Tatung	0455
TBoston	1457 1659
Teac	1227 1225 1322
Tecatel	1200
TechniSat	1099 1100 1195 1197
	0292 1351 0200 0262
	1322 0455
Technomate	1283 1610
Technosat	1206
Technosonic	1672

Technotrend	1429
Technowelt	0132
Techsan	1017
Techwood	1284 1626
tekComm	1017
Tele System	1251 1409 1611 1801
Tele System	
Electronic	1611
Teleciel	1043
TeleClub	1367
Telecom	0713
Telefonica	1418
Teleka	0442 0262
Telenet	1418
Telestar	1099 1100 0200 0292
	1251 1334 1351 1626
Televés	0455 0132 1214 1300
	1334 1409 1742
Telewire	1232
Tevion	1334 1672 0713 1409
	1622 1567
Thomson	0711 0847 1291 0455
	1900 1534 0713 1175
	0292 1662 0853 1046
	0820 1543
Thorn	0455
Tiny	1672
Tioko	0132 0394
Tokai	0200
Tonna	0455 1611 0713
Topfield	1206 1208 1207 1545
	1783 1824
Toshiba	1446 0455
TPS	0820 1253
Triax	0200 0713 0853 1251
	1296 1291 0132 1099
	1113 1227 1626 1742
Trio	1075
TT-micro	1429
Turnsat	0713
Twiner	0132 0713 1742
UEC	0879 1162 1356
Unisat	0200 0132
United	1251
Universum	0173 0299 1099
Van Hunen	1161 0299
Variosat	0173
Vega	0369
Ventana	0200
Vestel	1251
VH-Sat	1161 0299
Viasat	1323 1023 0820
Visionic	0125 1279
Visiosat	1742 1718 0713 1129
	1457
Vivid	1162
VTech	0818

Wavelength	1232 1413
Wewa	0455
Wharfedale	1284
Winbox	1801
Wisi	0173 0299 0455 0132
Worldsat	1473 1418 1214 1543
	1251
XMS	1075
Xrypton	0369
XSat	0713 1214 0847 1323
Xtreme	1300
Yamada	1718
YES	0887
Zehnder	1251 1232 1334 1412
	1075 1413 0504 0818
	0369 0394
Zenith	0856
Zeta	
Technology	0200
Zinwell	1176
Zodiac	1801

CBL

ADB	1230 1269
Amstrad	1222
Auna	1269 1230
Austar	0276
Canal Plus	0443
Comcrypt	0443
Filmnet	0443
Foxtel	1222
France Telecom	0817
freebox	1482
General	
Instrument	0276
Golden	
Channel	1110
HOT	1082 1110
Humax	1813
HyperVision	0619
Jerrold	0276
Macab	0817
Madritel	1230
Matav	1082
MNet	0443 0019
Motorola	0276 1106
Multichoice	0019 0443
Nokia	1569
Noos	0817 1624
NTL	1060 1068
Oak	0019
Ono	1068
Optus	0276 1060
Pace	1068 1577 1060

Philips	0619 0817
Sagem	0817 1624
Samsung	1666
Scientific	
Atlanta	0477
Tele Danmark	0619
Tele+1	0443
Telepiu	0443
Telewest	1068 1060
Tevel	1082
Thomson	1110 1582
Tudi	0619
UPC	1582
Visiopass	0817

CBL

VAC

Hewlett Packard	1272
Microsoft	1272 1805
Philips	1218
Pinnacle Systems	1447

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Advantage	0032
Arcam	0157
Audio Research	0157
Audiolab	0157
Audiomeca	0157
Audioton	0157
Balanced	
Audio	
Technology	0157
Cairn	0157
California	
Audio Labs	0029
Cambridge	
Audio	0157
Copland	0393
Cyrus	0157
Denon	0003 0766
DKK	0000
Dual	0003
Dynaco	0157
Elektra	0393
Garrard	0393
Genexxa	0000 0032
Goldmund	0157
Grundig	0157
Harman/	
Kardon	0157
JVC	0072

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Kenwood	0190 0036
Krell	0157
Linn	0157
Loewe	0157
Marantz	0157
Matsui	0157
MCS	0029
Memorex	0032
Meridian	0157
Micromega	0157
Mission	0157
Musical Fidelity	0393
Myryad	0157
NAD	0721 0000
Naim	0157
NSM	0157
Onkyo	0101
Optimus	0000
Orion	0393
Panasonic	0303 0029
Philips	0157
Pioneer	0032
Primare	0157
Proton	0157
QED	0157
Quad	0157
Radiola	0157
Restek	0157
Revox	0157
Rotel	0157
SAE	0157
Sansui	0157
Siemens	0157
Simaudio	0157
Sony	0000 0490 0157
Tag McLaren	0157
Tandy	0032
Teac	0393
Technics	0303 0029
Thorens	0157
Thule Audio	0157
Universum	0157
Victor	0072
Yamaha	0036 0032

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Grundig	0188
Marantz	0188
Philips	0188
Revox	0188
Universum	0188

MIS

Aiwa 0159
Sony 0159

HOM

One For All 0167
X10 0167

AMP

Curtis Mathes 0300
Denon 0272
Pioneer 0300
Sony 0689
Yamaha 0848

TUN

AEG 1390
AFK 1389
Aiwa 0121 1405 1058 1158
1258
Akai 0609 1220 1390
All-Tel 1390
Amitech 1961
Amstrad 0744
Anam 0609
Arcam 1089 1189 1269 1289
Arena 1625
ASCOMTEC 1389
Audiolab 1089 1189 1269 1289
Audiosonic 1389
Audioworld 1390
Balanced Audio
Technology 1089 1189 1269 1289
Bang & Olufsen 0799
Basic Line 1554
Belson 1389
Blue Sky 1390
Bose 1229 1355 1357 1933
Bush 1089 1189 1269 1289
0797 1772
Cambridge
Audio 1189 1647
CCE 1352

Centrex 1257
Centrum 1220 1554 1389
Classic 1352
Clatronic 1220 0744 0797
Copland 1089 1189 1269 1289
Cosmotron 0797
Daewoo 1250
Denon 1360 1104
Denver 1389
Diamond 1390
Digitex 1772
Digitrex 1257
DiK 0797
DK digital 1420
DMTECH 1390
Dual 1220 1390 1420
DVX 1772
eBench 0744 0797
Electrocom-
paniet 1189
Elta 0744 0797 1390
EuroLine 1625 1938
Finlux 1938
Garrard 0744
Genexxa 0186
Global Sphère 1625
Goldmund 1089 1189 1269 1289
Goodmans 0609 0744 0797 1199
1420 1611 1389
Grundig 1089 1189 1269 1289
0744 1344 0797
Grunkel 0744
H&B 1961
Hanseatic 1390 1938
Harman/
Kardon 1304 1310 1089 1189
1269 1289
Harwood 0744
HCM 1390
HE 1389
Hitachi 1344 1220 1554
Hiteker 1389
Höher 1257
Hyundai 1625
Intersound 0744
Irradio 1961
JVC 0074 1374 1495 1676
Kenwood 1027 1313 1570 0186
Kompernaß 0797
Koss 0744
KXD 1389
Lenox 1611
Lenox Sound 1611
LG 1293 1869
Lifetec 0797
Linn 1089 1189 1269 1289
Loewe 1089 1189 1269 1289

Lumatron	1772
LXI	0744
Magnat	1938
Magnum	1611
Marantz	1089 1189 1269 1289
Mark	1089 1189 1269 1289
Matsui	0797 0744
MBO	1352
Medion	0797 1598 1420
MEI	1390
Meletronic	0609
Meridian	1089 1189 1269 1289
Metz	1554
Micromaxx	1420
Micromega	1089 1189 1269 1289
Microstar	0797
Mustek	1352
Mx Onda	0744 0797
Myryad	1189 1089 1269 1289
NAD	0320 0609
Naim	1089 1189 1269 1289
NEC	1250
Nikkai	1389
Nikkei	0744
Okano	0609
Omni	1772
Onkyo	1320 0135
Optimus	0186
Orient Power	0744
Palladium	0797 1220
Panasonic	1518 1309 1779 1763
	1765 1308 1316
Philips	1189 1269 1089 1289
	1673
Pioneer	1023 0186 1089 1189
	1269 1289 1459 1623
Prima	
Electronic	0797
Proline	0797 1390
Proson	0609
Provision	1389
QONIX	1420
Quad	1089 1189 1269 1289
Radiola	1089 1189 1269 1289
Radionette	1634 1293
RadioShack	0744
Red Star	1389
Revox	1089 1189 1269 1289
	0186
Revoy	1089 1189 1269 1289
Roadstar	0797 1611
Rotel	0793
Saba	1154
Samsung	1199 1424 1295 1581
Sansui	1625 1772 1938 0609
	1089
Sanyo	1801 0744

Schneider	0744 1390 1199 1220
	1938
SEG	1250 1554
Sharp	0186 1614 1634
Sherwood	0653
Siemens	0609
Silva Schneider	1293
Sony	1158 1858 1758 1759
	1058 1658 1258 1454
	1558 1441 1112 1822
	1722 1882
Soundwave	0609
Sunstech	1420
Tag McLaren	1189
TCM	0797
Teac	1199 0797 0609 0744
	1390
Technics	1308 1309 1763 1518
	1765 1316
Techwood	1554
Tedexlex	1625
Telefunken	1389 1772
Tevion	1611
Thomson	1154 1354
Thorens	1189 1089 1269 1289
Thorn	0744
Toshiba	1572
United	1390 1625 1772
Universum	1220 0797 0609 1390
	0744 1609 1089 1189
	1269 1289
Venturer	1390
Victor	0074
Voxson	1420
Waitec	1352 1961
Watson	0797
Welltech	0797
Wharfedale	1772 0609 1390
Yamaha	0176 1331 1276 0186
	0712 1949 1815
Yukai	1352
Zenith	0744

CAS

Grundig	0029
Harman/	
Kardon	0029
Magnavox	0029
Marantz	0029
Myryad	0029
Panasonic	0229
Philips	0029 0229
Radiola	0029

Revox	0029
Sansui	0029
Sony	0243
Technics	0229
Thorens	0029
Universum	0029

LDP

Denon	0059
Grundig	0059
Mitsubishi	0059
NAD	0059
Pioneer	0059
Telefunken	0059

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Grundig	0158
Harman/ Kardon	0158
Kenwood	0158
Marantz	0158
Myryad	0158
Philips	0158
Sony	0093
Technics	0158

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3D LAB	0539
4Kus	1158
A-Trend	0714
Acoustic Solutions	0730 0713 1228
AEG	0788 0770 0790
AFK	1228 1152 1923
Aim	0672
Airis	1224 1321 0672 1005 1345
Aiwa	0641 0695 0869 0533
Akai	0790 0788 1115 0898 0884 0713 0852 0705 1695 1233
Akashi	0838
AKI	1005
Akira	1321
Akura	0898 1051 1367 1140

Alba	0717 0713 0723 0695 0730 0539 0672 1140 1051 1530 1695
Alize	1151
All-Tel	0790 1451 0835
Amitech	0770 0850
Amoi	0852
Amoisonic	0835
Amstrad	0713 1115 1151 1367 1571

AMW	0872
Ansonic	0759 0831
Apex Digital	0672 1056
Arena	0852
ASCOMTEC	1923
Asono	1224
ATACOM	1224
Audiosonic	1923
Audioworld	0790
Audix	1104 1152
Autovox	0713
Auvio	0843
Avious	1165
AWA	0730 0872
Axion	0730
Base	1451
Basic Line	0713 1994
Baze	1165 0898 0672
BBK	0862 1224
Bellagio	0872
Belson	1923
Best Buy	0857
Binatone	1923
Black Diamond	0713 0884 0833
Blaupunkt	0717
Blu:sens	1489 1233
Blue Sky	0713 0695 0672 0843 0651 0790

BNI	1321
Boghe	1004
Boman	0788 0898 1005
Bose	2023
Brainwave	0770 1115
Brandt	0651 0551 0503
Bush	0713 0695 0833 1695 0730 0831 0717 0516 0818 0879 0884 0723 1165 1436 1419 1483 1140 1832
C-Tech	0768 1152

Cambridge Audio	1109 0751 1589
Campomatic Digital	1051
CAT	0789
CCE	1917
Celestial	0672 1020

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AMP

cello 1730
 Centrex 0672 1004
 Centrum 0713 0789 1994 1005
 1923
 CGV 0770 0751
 Cinea 0841
 Cinetec 0713 0872
 Classic 0730 1917 1730
 Clatronic 0788 0818 0672 1165
 0675
 Clayton 0713
 Coby 0730 1107 0852
 Codex 1233
 Conia 0672 0852 0516 0835
 1321
 Contel 0788
 Continental
 Edison 0872 0831
 CrossWood 1446
 Crown 0770 0651
 Crypto 1228
 Cybercom 0831
 CyberHome 0714 0816 0874 1502
 Cytron 0651 0705 0831 1347
 D-Vision 1115 1367
 Daenyx 0872
 Daewoo 0833 1483 0705 0770
 0714 1436 0872
 Dalton 1036
 Dansai 0770 1115 1695
 Dantax 0723 0695
 Daytek 0872 1005
 Dayton 0872
 DCE 0831
 DEC 0818
 Decca 0770
 Denon 0490 0634 1634
 Denver 0788 0898 0818 1107
 1321 1923 1056 0672
 Denzel 0665
 Diamond 0651 0768 0751 0723
 1156 0790
 Digihome 0713
 DigiLogic 0713
 digiRED 0717
 Digatech 1832
 Digitor 1005
 Digitrex 0672 1056 1004
 DiK 0831
 Dinamic 0788
 DiViDo 0705
 DK digital 0831 2007
 DMTECH 0790 1271
 Dragon 0831
 DSE 1730 0833 1152
 Dual 0831 0713 0665 0651
 0730 0790 2007

Durabrand 0831 0713
 DVX 0768 1832
 E-Boda 0723
 E-Dem 1224
 e:max 1233 1321
 EagleTec 0714
 eBench 1152
 Eclipse 0723 0751
 Electrohome 0770
 Elfunk 0850 0884 0713
 Elin 0770
 Ellion 0850 1421
 Elta 0770 0788 0790 1115
 1151 1233 1051
 Eltax 1321
 Emerson 0591 0705 0869
 Enzer 0665
 EuroLine 0788 1115 1233 0675
 Ferguson 0651 1730 0898 0713
 0884
 Finlux 0741 0770 0591 0672
 0751 1165
 Fintec 0713
 Firstline 0869 0651 1530
 Funai 0695 0675
 GE 0717
 Germatic 1051
 Global Link 1224
 Global
 Solutions 0768
 Global Sphère 0768
 Go Video 1099
 GoldStar 0591 0741
 Goodmans 0713 1004 0723 0751
 0730 0651 0790 0818
 0879 0833 2007 1140
 1923 1730
 GP Audio 1140
 GPX 0741
 Graetz 0665
 Gran Prix 0831
 Grandin 0672
 Grundig 0695 0775 0539 0651
 0705 0790 0713 0670
 0686 0652 0723 1695
 1004 1730 1920 1436
 1483 1832
 Grunkel 0770 1156 0831
 H&B 0818 0713 0841 0850
 1233 1421
 Haaz 0768 0751
 Haier 0843
 Hanseatic 0741 0790
 Harman/
 Kardon 0702
 HCM 0788
 HDT 0705

HE	0730	1923	1163
Henß	0713		
HiMAX	0857	0843	
Hitachi	0664	1920	1994 0665
	0573	0857	0713
Hiteker	0672	1923	
Höher	0831	1004	1224
Home			
Electronics	0730	0770	
Home			
Tech Industries	1224		
Hyundai	0850	1156	1228
Iekei	1107		
Ingelen	0788		
Inno Hit	0713		
Irradio	0741	1115	1224 1233
	0869	0770	
ISP	0695		
JBL	0702		
JDB	0730		
JDV	1367	1228	
Jepssen	1183		
JMB	0695		
JNC	1271		
JVC	0623	0558	1164 0539
	0503	0867	1860 1597
jWIN	1051		
Kansai	1107		
Kansas			
Technologies	1233	1530	
Kendo	0713	0831	0672 1347
Kennex	0770	0713	0898
Kenwood	0534	0490	
KeyPlug	0770		
Kiir	0770		
Kingavon	0818		
Kiss	0841	1523	0665
Koda	0818	1230	
Koss	0651		
KXD	0857	1107	1321 1923
Lawson	0705	0768	
Leiker	0872		
Lenco	0651	0770	0818 0713
	0831	1165	
Lenoir	1228		
Lenoxx	0838		
LG	0741	0591	1906 0869
Lifetec	0651	0831	1347
Limit	0768		
LiteOn	1158	1416	
Lodos	0713		
Loewe	0539	0741	
LogicLab	0768		
Logik	0713	0884	
Logix	0705		
Luker	1367		

Lumatron	0705	1115	0741 0833
	1321	0713	0730 0898
	1832		
Luxman	0573		
Luxor	1004	0713	1730 0730
Magnavox	0503	0818	0675 1140
	0539	0713	
Magnex	0723	1165	1489
Magnum	1436		
Majestic	1107	1345	1156
Manhattan	0705	0713	
Marantz	0539		
Mark	0713	0695	1695 0884
Marquant	0770	1451	
Mastec	1006		
Master-G	1156		
Matsui	0651	0713	0672 0695
	0884	1730	
Maxdorf	0788		
Maxim	0713	1367	
Maya	1345		
MBO	0730	1917	
Mecotek	0770		
Medion	0831	1347	0651 1345
	0879	0630	2007 1165
	1006	0652	
MEI	0790		
Memorex	0831		
Memory	0730	1051	
Metz	0571	0525	0713 1994
MiCO	0723	0751	1223
Micromaxx	1695	0695	1347 2007
Micromedia	0503	0539	
Micromega	0539		
Microsoft	0522		
Microstar	0831		
Minax	0713		
Minerva	0705		
Minoka	0770	1115	
Minowa	1165		
Mirror	0879	0652	
Mitsubishi	0713		
Mizuda	0818	0857	1451
Monyka	0665		
MPX	0843		
Mustek	0730	1917	1730
Mx Onda	0651	0751	0723 1223
Mystral	0831	1156	
NAD	0741		
Naiko	0770	1367	1004
Narita	1367		
NEC	0869	0591	0741
Neovia	1271		
Neufunk	0665		
Nevir	0831	0770	
Nikkai	1923		
Nintaus	1051		

Nordmende	0831
Nowa	0843
NU-TEC	0516 1228
Omni	0833 1104 1832 1228
Onix	0838
Onkyo	0627 0503
Oopla	1158
Optim	0843
Optimus	0571 0525
Orava	0818
Orbit	0872
Orion	0695 1128 1695 1006 1233 1419 0898
Oritron	0651
P&B	0818 1451
Pacific	0768 0790 0759 0713 0831
Packard Bell	0831
Palladium	0695
Palsonic	0835 0672 0852 1056
Panasonic	0490 1834 1908 1905 1579
Panda	0717 1107
Papouw	0533
peeKTON	1224 0898
Philips	0539 0646 1340 0675 0503 1813 1158
Philo	1345
Phonotrend	1165
Pioneer	0571 1965 0631 0525 1571
Plu2	0850
Pointer	0770
Portland	0770
Powerpoint	0872 1005
Prima	1228
Prinz	0831
Prism	1006 0831
Pro2	1345
Proline	0651 0686 0672 0790 1004 0652 1483 0833
Proscan	0522
Proson	0713
Prosonic	1107 1923
Provision	0818 1163 1321 1923 1107 0730
Pye	0646 0539
QONIX	2007 1051
Radionette	0741 0869 2024 1906 0641
Raite	0665
RCA	0522 0651
REC	0490
Red Star	0759 0763 0770 0788 0898 1923 1107 1345
Relisys	1347
Reoc	0768

Revoy	0841
Rex	0838
Richmond	1233
Rimax	1151
Roadstar	0713 0818 0730 1051 0898 0833 1446 1227
Rocksonic	0789
Ronin	0872
Rotel	0623 0558
Rowa	0759 1004 0516 0525 0717
Rownsonic	0789 0723
Saba	0651 0551
Sabaki	0768
Saivod	0759 0831 1367 0770
Salora	0741 1446
Sampo	1347
Samsung	0573 0744 1932 1075 0490 1635
Sansui	0695 0768 0723 0770 0751 1230 1228 1695 1832
Sanyo	0670 0695 0790 0873 0713
Scan	0705 0835 0850
ScanMagic	0730 1730
ScanSonic	0857
SCE	0789
Schaub Lorenz	0788 1165 0770
Schneider	0831 0539 0705 0788 0713 0651 0869 0790 1367 0646
Scientific Labs	0768 1152
Scott	0651 0672 1036 1233
Seeltech	1224
SEG	0713 0665 0768 0884 0872 0763 1994 1530
Shanghai	0672
Sharp	0630 0713 0695 2015 1256 1419 2024
Sherwood	0717 0741
Shinco	0717
Siemssen	1382
Sigmatek	0857 1224
Silva	0788 0898 0831
Silva Schneider	0831 1906
SilverCrest	1152
Singer	0723 0751 0768
Sinudyne	1140
Sistemas	0672
Skymaster	0730 0768
Skyworth	0898
Sliding	1115
Slim Art	0770
Slim Devices	0533
SM Electronic	0730 0768
Smart	0705 0713

Sonashi	0831
Soniko	0788
Sontech	1156
Sony	0533 1070 1981 1633
	0772 0573 2043 1536
	1824
Sound Color	1233
Soundmaster	0768
Soundmax	0768
Spectra	0872
Standard	0651 0768 0788 0831
	0898
Star Clusters	0768 1227 1152
StarLogic	1005
Starmedia	0818 1224 1005
Stevison	1367
Strong	0713
Sunfly	0857
Sunkai	0770 0850
Sunstech	0831 2007
Sunwood	0788
SuperDigital	1187
Supervision	0730 0768
SVA	0672
Synn	0768
T.D.E. Systems	1156
Tandberg	0713 1695
Tangent	1321
Targa	0741 1158 1227
Tatung	0770
Tchibo	0741
TCM	0741
Teac	0717 0741 0516 0571
	0768 0591 0759 1006
	0790 1197 0833 1227
	1165 0675
TEC	0898
Technica	1367
Technics	0490 1905 1908
Technika	0770 1115 0831 1165
	1489
Technosonic	1051 1115
Techwood	0713 1530 0539 1994
Tedalex	1228
Telefunken	0790 0789 0788 1228
	1923 1832
Teletech	0713
Tensai	0651 0770
Tevion	0651 1036 1382 0768
	1227 0833 1347 1730
	0652
Theta Digital	0571
Thomson	0551 0522
Tiny	1489
Tokai	0665 0898 0788
Tokiwa	0705
Tom-Tec	0789

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Top Suxess	1224
Toshiba	0503 1045 1510 2006
TRANS-	
continents	0872 0831 1327 1165
Transonic	0672 1165
Tredex	0843
Trio	0770
TruVision	0857 1451
TSM	1224
Umax	1151
United	0788 0730 0790 1228
	0672 1165 0695 1115
	0768 1233 1446 1489
	0713 0884 1152 1832
	1367 0675
Universal	
Multimedia	0768
Universum	0741 0713 0591 1913
	1227 0790 1530
Uptek	0763
upXus	1345
Venturer	0790
Vestel	0713 1994 1530
Vieta	0705
Viewmaster	0862 1224
Voxson	0730 0831 2007
VTrek	1228
Waitec	1224 1917
Walkvision	0717
Waltham	1530
Welkin	0831
Wellington	0713
Weltstar	0713
Wharfedale	0686 0768 1832 0723
	0751 0652
Wilson	0831 1233
Windy Sam	0573
Wintech	1187
Woxter	1151 1224
XBox	0522
XLogic	0770 0768 1228
XMS	0788 0770
Xoro	1183
Yakumo	1004 1056 0652
Yamada	1004 0872 1151 1416
	1056 1489 1158 0652
Yamaha	0539 0646 0490
Yamakawa	0665 0872 1104 1489
Yukai	0730 1917
Zenith	0503 0591 0741

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PVR

@sat	1300
@Sky	1334
Amstrad	1175 1693
Arnion	1300
ASCI	1334
Astro	1100
Atlantic Telephone	1333
Aurora	1333 1433
Austar	1176
B@ytronic	1412
Brainwave	1214
British Sky Broadcasting	1175
BSkyB	1175
Bush	1645
CanalSatellite	1339
Chess	1334
CityCom	1176
Comag	1412
DigiFusion	1645
DigiQuest	1300
Dream Multimedia	1237
eMTech	1214
Fast	0897 1901
Finepass	1593
Foxtel	1176 1356
Galaxis	1176
GbSAT	1214
Gecco	1412
General Satellite	1176
Globo	1334 1412
Hanseatic	1100
HB	1214
HDT	1159
Hirschmann	1412
Homecast	1214 1680
Humax	1176 1427 1675
Hyundai	1159
ID Digital	1176
Imperial	1100 1334
Interstar	1214
Jaeger	1334
Jepssen	1214
Kaon	1300
Kathrein	1561
Kocmoc TB	1333
Kongque	1300
L&S Electronic	1334
Maximum	1334
Mediacom	1206
Medion	1334 1412
Multichoice	1333 1433
Neotion	1334

PVR

Nokia	1311
Opentel	1412
Orbis	1334 1412
Orbitech	1100
Pace	1175 1356 1423 1623 1693
	1850
Panasonic	1304
Pilotime	1339
Pino	1334
Premiere	1100 1176
Radix	1317
Rebox	1214
Sagem	1253 1692
Samsung	1206
Sat Control	1300
Satplus	1100
Schaub Lorenz	1214
Schneider	0897 1206 1901
Schwaiger	1317 1334 1412
Siemens	1334 1657
Sky	1175
SKY Italia	1693 1848 1850
Sky XL	1412
SKY+	1175
Skymaster	1334
skyplus	1334 1412
Stream	1848
Strong	1159 1300
Sunny	1300
Systec	1334
TechniSat	1100
Technosat	1206
Telestar	1100 1334
Televes	1214 1300 1334
Tevion	1334
Thomson	0722 1175 1534 1900
Topfield	1206 1545 1783 1824
TPS	1253
UEC	1356
Worldsat	1214
XSat	1214
Xtreme	1300
Zehnder	1334 1412
Zinwell	1176

PVR