



# Instruction manual



**URC-1660**



## Introduction

Congratulations on the purchase of the URC-1660. The URC-1660 is a replacement remote control that can be set up to control 2 devices.

- **sat** - Satellite Receiver, Digital Box or Cable Box
- **tv** - Television, Plasma- or LCD TV

**The URC-1660 is preprogrammed to control your SKY+ Box (no set up required). Simply press the "sat" device key and you will obtain SKY+ Box functionality.**

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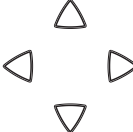


## Installing the Batteries









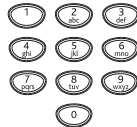


Your URC-1660 needs 2 new "AA/LR6" alkaline batteries.

- 1** Remove the battery cover from the back of your URC-1660.
- 2** Match the batteries to the + and - marks inside the battery case, then insert the batteries.
- 3** Press the battery cover back into place.



## The Keypad

- 1**  **Power**  
The POWER key operates the same function it did on the original remote control.
- 3**  **sat (LED) - device key for:**  
Satellite Receiver, Cable Converter, DSS / Video Accessory (e.g. Media Centres) Personal Video Recorder or Hard Disc Recorder.  
*The red LED (Light Emitting Diode) underneath the sat key will light up every time a key is pressed in sat mode.*  
**As default: when in "sat" mode your URC-1660 will be set to control your SKY+ Box.**
- 2**  **tv (LED) - device key for:**  
Television, LCD, Plasma, Projector or Rear Projector.  
*The red LED (Light Emitting Diode) underneath the tv key will light up every time a key is pressed in tv mode.*
- 4**  **tv guide**  
This key gives you the possibility to preview the complete tv listings.
- 5**  **box office**  
This key allows you to access the Box Office programs.
- 6**  **services**  
This key provides a range of features such as e.g. parental controls, subtitles and favourites. For your particular device this key may provide menu control.
- 7**  **interactive**  
This key provides a selection of interactive services.
- 8**  **volume +/- Keys**  
These keys operate in the same way as the keys on your original remote. *In "tv" mode you may obtain Colour + / - when you press and release the magic key and then press Volume + / - .*
- 9**  **channel +/- Keys**  
These keys operate in the same way as the keys on your original remote. *In "tv" mode you may obtain Brightness + / - when you press and release the magic key and then press Channel + / - .*
- 10**  **Directional Keys**  
If available on your original remote, these keys will allow you to navigate through the menu mode of your device.
- 11**  **select**  
The select key will confirm your choice in the corresponding menu.
- 12**  **Mute Key**  
The Mute key operates the same function it did on your original remote control.

- 13**  **i (info) Key**  
This key provides information about the program you're watching.
- 14**  **back up Key**  
This key allows you to go back to the previous page.
- 15**  **text**  
Puts the television in the Teletext mode.
- 16**  **text off**  
Switches the television back to regular viewing mode. On some televisions, this may be done by pressing the text key several times.
- 17**  **16:9**  
This key provides you the (16:9) wide screen view function, if available on your original remote.
- 18**  **help**  
This key provides help in Sky Guide and is also used for subtitles or audio description.
- 19**  **Transport Keys**  
If available these keys operate the transport functions (PLAY,FF, REW etc.) of your SKY+ Box / Satellite Receiver / Set Top Box / Cable Box. To prevent accidental recording, the RECORD key must be pressed twice to start recording.
- 19**  **red, green, yellow, blue**  
After pressing the tv key and accessing the text mode, the 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 ONE FOR ALL Fasttext keys may operate in the same way.
- 20**  **Number Keys**  
The Number keys (0-9, / -/-) provide functions just like your original remote. If your original remote has an 20 key, this function can be found under the AV key.
- 21**  **magic Key**  
The magic key is used to set up your URC-1660.
- 22**  **tv/sat Key**  
In tv mode you will obtain the AV / Input function. In sat mode you will obtain the "TV/SAT" or "TV/DTV" function, if available on your original remote.

**Please note that the key pad description is mainly based on SKY+ Box functionality. This may differ from your particular device.**









## Setting up the URC-1660

Before you start, please read these instructions carefully

### Direct code set up

**Example: To set up the URC-1660 for your television:**

- 1  Find the code for your device in the Code list (page 10 - 23). Codes are listed by device type and brand name. The most popular code is listed first. **Make sure your device is switched on (not on standby).**
- 2  Press the **tv key** on the URC-1660 for the device you wish to Set-Up.
- 3  Press and **hold down the magic key** until the red LED underneath the tv key blinks twice (the red LED will blink once then twice). 
- 4  Enter your **(four-digit device code)** using the number keys. The red LED will blink twice.
- 5  Now, aim the URC-1660 at your device and **press POWER** If your device switches off, the URC-1660 is ready to operate your device.
- 6 Turn your device back on and try all the remote's functions to ensure they are working properly. If the functions do not work properly, repeat steps 1-5 using another code listed under your brand.
- 7 **If your device does not respond, follow steps 1 to 5 with each code listed for your brand. If none of the codes listed for your brand operate your device, or if your brand is not listed at all, try the search method described on page 6.**

#### Important notes:

- If your Set Top Box is not a standard BSkyB Sky+ Box, please follow the steps above pressing "sat" instead of "tv" during step 2.
- Most Televisions do not switch on pressing the POWER key. Please try pressing a "number" key or the "TV-text off" 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.
- CBL and VAC codes can be set up in "sat" mode.
- Remember to press the correct device key before operating your device.







## The Search Method

If your device does not respond to the URC-1660 after you have tried all the codes listed for your brand, try searching for your code. The Search Method allows you to find the code for your device by scanning through all the codes contained in the memory of the URC-1660. The Search Method may also work if your brand is not listed at all.

### Example: To search for your TV code:

- 1 Switch your television on (not on standby) and aim your ONE FOR ALL at your TV.


- 2  Press the **tv** key on your URC-1660.


- 3  Press and **hold down** the **magic** key until the red LED underneath the POWER key blinks twice (the red LED will blink once then twice).



- 4    Press **9 9 1**. The red LED will blink twice.

- 5  press **POWER**.

- 6  Aim the URC-1660 at your Television. Now press **CH+** over and over, until your Television turns off (everytime you press the CH+ key the URC-1660 will send out a POWER signal from the next code contained in the memory). You may have to press this key many times (up to 150 times) so please be patient. If you skip past a code, you can go to the previous code(s) by pressing the CH- key. Remember to keep pointing the URC-1660 at your Television while pressing this key.

- 7  As soon as your television turns off, press the **MAGIC** key to store the code.

#### Important notes:

- If your Set Top Box is not a standard B SkyB Sky+ Box, please follow the steps above pressing "sat" instead of "tv" during step 2.
- Most Televisions do not switch on pressing the POWER key. Please try pressing a "number" key or the "TV-text off" key to switch your TV back on.
- To search for the code for another device follow the instructions above only press the appropriate device key instead of TV during step 2.















## Code Blink out

(To find out which code is currently programmed)

**Once you have Set-Up your URC-1660, you can blink back your SET-UP CODE for future reference.**

**Example: To blink out your Television code:**

- 1  Press **tv** once.
- 2  Press and **hold down** the **magic key** until the red LED underneath the POWER key blinks twice (the red LED will blink once then twice). 
- 3    Press **9 9 0**. The red LED underneath the POWER key will blink twice.
- 4  For the first digit **of your four-digit** code, press **1** and count all the red blinks. If there are no blinks, the digit is "0".
- 5  For the second digit, press **2** and count all the red blinks. If there are no blinks, the digit is "0".
- 6  For the third digit, press **3** and count all the red blinks. If there are no blinks, the digit is "0".
- 7  For the fourth digit, press **4** and count all the red blinks. If there are no blinks, the digit is "0". **Now you have your four-digit code.**

**Important notes:**

- If your Set Top Box is not a standard BSkyB Sky+ Box, please follow the steps above pressing "sat" instead of "tv" during step 2 to blink out the code programmed in "sat" mode.

## Quick Code Reference

Device	Code
sat _____	<input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/>
tv _____	<input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/>











## Volume Punch Through

When controlling your Set-Top-Box (e.g. Sky+ Box) you normally need to press the "tv" button first if you wish to control the volume for your Television. The URC-1660 gives you the possibility to punch through TV-VOLUME without pressing the tv mode key. This is only possible if you have programmed the URC-1660 to also control your Television.

### To punch through to TV volume while in "sat" mode:

1.  **Press and hold down the magic key until the red LED underneath the POWER key blinks twice (the red LED will blink once then twice).**
2.  Press **9 9 3**.
3.  Then press the tv key and the red light will blink twice.

### To cancel the „Volume Punch Through“:

1.  **Press and hold down the magic key until the red LED underneath the POWER key blinks twice (the red LED will blink once then twice).**
2.  Press **9 9 3**.
3.  Press the Volume (+) key and the red light will blink four times.







## Problem & Solution

<b>Problem:</b>	<b>Solution:</b>
Your brand is not listed in the code section?	Try the search method on page 6.
The ONE FOR ALL does not operate your device(s)?	A) Try all the codes listed for your brand. B) Try the search method on page 6.
The ONE FOR ALL 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 programme number exactly as you would on your original remote.
The ONE FOR ALL does not respond after pressing a key?	Make sure you are using new batteries and are aiming the one for all at your device.
The red LED does not blink when you press a key?	Replace batteries with 2 fresh, new "AA" alkaline batteries.



## Customer Service

### In the UK

E-mail : ofahelp@uebv.com (\*)

Fax : +31 53 432 9816

Tel. : 0901-5510010 (£ 0,50 per minute)

### In Ireland

E-mail : ofahelp@uebv.com (\*)

Fax : +31 53 432 9816

Tel. : 016015986

(\*) Just send a blank message, you'll get auto-reply.



# TV

A.R. Systems 0037 0373 0556  
 Accent 0037 0556  
 Accusound 0860  
 Acer 1339  
 Acoustic Solutions 1667 1727 1545 1523  
 1865 1037  
 Adcom 0625  
 Admiral 0093 0264  
 Advent 1613  
 AEA 0037 0556  
 AEG 0606 1556 1037 1324  
 1667 1163 2239 2197  
 Aftron 0891  
 Agashi 0264  
 Aiko 0037 0556 0371 0035  
 1681 0880 0361 0191  
 0264  
 Aim 0037 0556 0753 0208  
 0706 0698 0634 0606  
 0499  
 Airis 1833  
 Aiwa 0701 1916 1505  
 Akai 0361 1326 0208 0371  
 0037 0191 0035 0753  
 0806 0714 0706 0698  
 0715 0556 0480 0264  
 0178 0606 1037 0473  
 0812 1248 1727 1308  
 1865  
 Akashi 0860  
 Akiba 0037 0556  
 Akira 2241 0753 0037  
 Akito 0037 0556  
 Akura 0037 1687 0556 0668  
 1667 1645 1770 1585  
 0264 0714 1982 1983  
 1363 2239 2059  
 Alba 0037 1037 0556 0714  
 0371 0668 0487 0443  
 1997 1865  
 Alkos 0035  
 Allstar 0037 0556  
 All-Tel 0865  
 Amitech 1849  
 Amstrad 0264 0371 0037 0556  
 1037 1324 1982  
 Anam 0037 0556 0650  
 Anam National 0037 0650 0556  
 Andersson 1163 1667 1585  
 Anglo 0264  
 Anitech 0264 0037 0556  
 Ansonic 0037 0556 0668 0292  
 AOC 0625 1588 2111 2214  
 Apollo 0473  
 AquaVision 1606  
 Arc en Ciel 0109  
 Arçelik 0714  
 Ardem 0714 0486 0633 0037  
 0556  
 Arena 0037  
 Aristona 0556 0037

Art Mito 1585  
 Asberg 0037 0556  
 Astra 0037 0556  
 Asuka 0264  
 ATD 0698  
 Atec 1606  
 Atlantic 0037 0556  
 Audiosonic 0037 0820 0556 1308  
 1681 0109 0714 0715  
 0264 0486 1983  
 Audioton 0486 0264  
 Audioworld 0698  
 AWA 0037 0556 0606 0108  
 0264 0178 0698 1681  
 2241  
 Axxon 0714  
 Azuki 2239  
 Baier 1324 2239  
 Baird 0109 0343 0208 0606  
 Bang & Olufsen 0565 0620  
 Base 0780  
 Basic Line 1667 0037 0668 0556  
 1037  
 Bauer 0698 0706 0264  
 Baur 0535 0195 0512 0037  
 0556 0191 0361 1505  
 1523 1645  
 BBK  
 Beaumark 0178  
 Beko 0714 0486 0035 0715  
 0037 0556 2125 0606  
 1308 0808 1652  
 Belson 2241 2032  
 Bennett 0556 0037  
 BenQ 1562  
 Bensten 1326 1413  
 Beon 0037 0556  
 Berthen 0668 0556  
 Bestar 0037 0556  
 Bestwell 1326  
 Black Diamond 0820 1037 0556 1163  
 0753 0587  
 Black Strip 0035  
 Blaupunkt 0195 0191 0535 0170  
 Blue Media 1606  
 Blue Sky 0037 1324 1037 0714  
 1709 1667 0487 0668  
 0715 0625 1652 0624  
 0556 0808 1363 1916  
 Boman 1324  
 Bork 1363  
 BPL 0037 0556 0373  
 Brandt 0625 0109 0287 0335  
 0343 0560  
 Brandt  
 Electronique 0287 0335  
 Brimax 1709  
 Brinkmann 0037 0556 0668 0486  
 Brionvega 0037 0556  
 Brother 0264  
 Bruns 0486  
 BSR 0361



Bush	1037 1326 1585 0714	DEC	0860 0891 1326 0896
	2125 0037 0668 1652	Decca	0037 0556 1137
	0371 0264 0361 0487	Deitron	0037 0556
	0208 1556 0698 0556	Denko	0264
	1667 1982 1248 1916	Denver	0037 1324 0556 0606
	1682 0587 1687 1308		0587 1709 2139 2197
	2053 2214 1983 2241	Desmet	0037 0556
Cameron	1523 0556	DGM	2239 2059
Camper	0037 0556 0486	Diamant	0037 0556
Capsonic	0264	Diamond	0264 0698 0371 0860
Carad	0610 0037 0556 0668		0820 0896 1681 0706
	1037	DiBoss	0037 0556
Carena	0037 0556	Digatron	0037 0556
Carrefour	0037 0556	Digihome	1667
Carver	0170	Digiline	0037 0556 0668
Cascade	0037 0556	DigiLogic	0037 0556
Casio	0037 0556	Digital Device	1606
CAT	1682	Digitek	1709
Cathay	0037 1727 0556	Digitex	0820
CCE	0037 0556	Digitor	0037 0556 0888
Celestial	0820	Digivision	0361
cello	1770	DigiX	0880
Centrex	0780 0891 0698 1702	DiK	0037 0556
Centrum	1037	Dixi	0037 0556
Centurion	0037 0556	DL	0891 0780 0037 0587
CGE	0074		0865 1363 1326
Cinex	1556 1982	DMTECH	2001
Clarity	1720	Domeos	0668 0037 1037
Clarivox	0037 0556	DSE	0888 1556 0820 0698
Clatronic	0037 0371 0714 0264		1682 2241 2032 2098
	0556 0606 1324 1163		1326
Clayton	1037	Dual	0343 0037 0556 1137
Cobolt	0891		1667 1037 2032 2241
Condor	0037 0556 0264		1324 1163
Conia	1687 0754 1645 0820	Durabrand	0037 0556 1652 1037
	1702 1523 2032	Dux	0037 0556
Conrac	0808	D-Vision	0037 1982 0556
Conrad	0037 0556	DVX	0891
Contec	0264 0037 0556	Dynatron	0037 0556
Continental		Dyon	2241
Edison	0109 0287 0487	e:max	1324 0606
Cosmel	0037 0556	Easy Living	1248 1709 1613 1308
CPTEC	0625 1363		2005 1556 1666
Crosley	0074	Ecco	0706 0698
Crown	0712 0486 0037 0556	Edison-Minerva	0487
	0487 0714 0606 0715	Elbe	0610 0292 0037 0556
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	1652 0668	Electrion	1585
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CWR-Tech	1324	Elfunk	1208 1037
Cyberpix	1667	ELG	0037 0556
Cytronix	1298	Elin	0037 0556 0361
D.Boss	0037	Elite	0037 0556
Daewoo	0634 1849 2098 0661	Elonex	1776
	0499 0624 0037 0556	Elta	0264
	1137 0880 0865 0698	Emerson	0714 0178 0037 0556
	0714 0706 2037		0371 0361 0624 0486
Dansai	0037 0556 0264 0035		0668
	0208	e-motion	1709
Dantax	0486 1652 1916 0714	Enzer	0753 0860
	1037 0606 0715	Erison	1682
Datsura	0373 0208	Erres	0037 0556
Dawa	0037 0556	ESC	0037 0556
Daytek	0698 0706 0264	Etron	0037 0556 0820
Daytron	0037 0556	Eurofeel	0264
de Graaf	0208	EuroLine	0037





Euroman 0264 0037 0556  
 Europa 0037 0556  
 Europhon 0037 0556  
 Evesham 1248 1667 1606  
 Excel 0037 0556  
 Excello 1037  
 Exquisit 0037 0556  
 Fagor 0037 0556  
 Family Life 0037 0556  
 Ferguson 0625 0287 0335 0109  
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 Fisher 0208 0361  
 Flint 0037 0556 0610 0264  
 Force 1667  
 Formenti 0037 0556 0486  
 Fortress 0093  
 Fraba 0037 0556  
 Friac 0037 0556 0499 0610  
 Frontech 0264  
 Fuchsware 0780  
 Fujicom 1709  
 Fujimaro 0865  
 Fujitsu 0853 0037 0556 0361  
 Fujitsu Siemens 1666 1298 1248 1163  
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 Funai 1817 1394 1037 1666  
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 Furichi 0860  
 Futronic 0264 0860 0698  
 Future 0037 0556  
 Gaba 1037 0037  
 Galaxi 0037 0556 0361  
 Galaxis 0037 0556  
 Garza 0556  
 GE 0343 0178 0560 0287  
 0109 0335 0625  
 GEC 0361 0037 0556  
 General 0109 0287  
 General Electric 0343 0287  
 Genesis 0037 0556  
 Genexxa 0037 0556  
 Gericom 0865 1606 1298 0880  
 0808  
 G-Hanz 1681 1363  
 Gold 1833 1770  
 Goldfunk 0668  
 GoldStar 0037 0178 0556 0361  
 0109 0606 0714 0715  
 Gooding 0487

Goodmans 0634 0715 1037 1248  
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 Grunkel 1163  
 GVA 1326  
 H&B 0808 2001  
 Haaz 0706  
 Haier 0698 0264  
 Halifax 0264  
 Hammerstein 0264  
 Hanns.G 1613  
 Hannspree 1351 1613 1776 2214  
 Hanseatic 0037 0556 0499 0361  
 0292 0634 0661 0373  
 0714 0808 0486 0625  
 2001  
 Hantarex 2197 0037 0556 0865  
 Hantor 0037 0556  
 Harsper 0865  
 Harwood 0037 0556 0487  
 Hauppauge 0037 0556  
 HCM 0037 0556 0264  
 Hedzon 0556 0037  
 Hicon 1298  
 Hifivox 0109  
 Highline 0264 0037 0556  
 Hikona 1983  
 Hinari 0208 0037 0556 0443  
 0487 0264  
 Hisawa 0610 0714  
 Hisense 1363 0208 2098 2037  
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 Hitachi 1576 1772 0481 0578  
 2207 0108 0744 1585  
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 0499 0480 0037 0556  
 0109 0178 1137 0361  
 Hitachi Fujian 0108 0037 0556 0860  
 0499  
 Hitsu 0610  
 Höher 0714 1556 0865 1163



Home Electronics	0606	Keydo	1702
Horizont	1617	Keymat	1326 1413
Hornlyphon	0037 0556	Kingsbrook	1037
Hugoson	1666	Kiton	0556 0037 0668
Humax	1295 1539	Kneissel	0037 0610 0499 0556
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Ict	0037 1137 0556	Kuro	0373
iDEAL	1556	Kyoshu	0264
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Imperial	0037 0074 0508 0556	LaSAT	0486
	2197 0361	Lavis	1037 0037
Indiana	0037 0556	Lecson	0037 0556
Ingelen	0487 0610 0714 0361	Lenco	0037 0556 0587 1037
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	1585	Levis Austria	0037 0556
Innovation	0037 0556	Leyco	0264 0037 0556
Innowert	0865 1298	LG	2182 1423 1663 0178
Inotech	0820		0037 1305 1859 1842
Inspira	1324 1556		0714 1637 0606 0556
Interactive	0037 0556 0512 0361		0715 1681 0109 0698
	0109		0361
Interbuy	0037 0264 0512 0556	Liesenkötter	0037 0556
Interfunk	0037 0556 0512 0361	Lifetec	0037 0668 1037 1137
	0109		2001 0512 0556 0714
Internal	0037 0556 0624 0499		0264 1248
Intervision	0037 0371 0486 0487	Lodos	1037 1667
	0264 0556	Loewe	0512 0633 1884 0556
Irradio	0037 0556 0371 0714		0292
Isukai	0037 0556	Logik	0698 1865 0264 0371
ITS	0037 0371 0264 0556		1702 0880 1037 1687
ITT	2125 0480 0361 0473		1645
	0208 0610 1523	Logix	0668
ITT Nokia	0361 0473 0480 0208	Luker	1982
	0606 0610	Luma	0037 0556
ITV	0037 0264 0556	Lumatron	0037 0556 0361 0264
JDV	1982	Lux May	0037 0556
JEC	0035	Luxor	1163 0480 0361 0208
JGC	1709		0473 1037
JMB	0037 0499 0634 0556	LXI	0178
	0443	Madison	0037 0556
JNC	1702 0896	Magnavox	0037 0556 0780 0753
Jocel	0712	Magnum	0714 0037 0556 0715
JTV	0860		1556
Jubilee	0556	Mandor	0264
JVC	0653 1818 2118 0606	Manesth	0037 0556 0264 0035
	1653 0371 0093 0650	Manhattan	0037 0556 0668 1037
Kaisui	0037 0556	Maqma	1298 1702 1709 1606
Kambrook	0264	Marantz	0037 0556
Kapsch	0361	Mark	0037 0556 0714 0715
Karcher	0037 0556 0610 0264	Marks and Spencer	1770
	0714 1556 0606 1982	Mascom	1556 0556 0037
	2125 1308	Mastec	1997
Kathrein	0556 0037 0880	Master's	0499 0037
Kawa	0371	Masuda	0371 0264 0037 0556
Kendo	0610 0037 0556 0512		
	1585 1037 0486 1667		
	1163 1137		
Kennex	1037		



Matsui	0037 1163 0556 0487	NAT	0226
	0443 2007 0371 0035	National	0226
	0208 0195 0191 0335	NEC	0170 0587 1367 1775
	0714 1037 1916 1666		2461 0037 0556 0499
	0880 1667		0653 0661
Matsushita	0650	Neckermann	0037 0191 1505 0556
Matsuyama	0587		0512
Maxam	0264	NEI	0037 0556 0371 1037
Maxdorf	0698 0706 0264	NEO	0754 1324
Maxim	1982 1556	Neon	1770
Mediator	0037 0556	Neovia	0865
Medion	0714 0808 0037 0668	Netsat	0037 0556
	0556 0512 1137 0698	Neufunk	0037 0556 0610 0714
	1037 1248 0880 1916	New Tech	0037 0556 0343
	1556 1667 2001	Nikkai	0037 0556 0264 0035
Megas	0610		1667
Megatron	0178	Nikkei	0714
MEI	1037 0037 0556	Nikko	0178
Melectronic	0037 0512 0109 0343	Nintaus	0891
	0480 0287 0556 0624	Nogomatic	0109
	0634 0361 0191 0195	Nokia	0361 0480 0473 0208
	0661 0714 1652		0606 0610 0109
Memorex	0178 0650	Nordmende	0109 0891 0287 0560
Memory	1983		0343 0195 0037 0556
Mercury	0037 0698 0264 0556		0335 1248 0714 2001
	0706		1413 0443 2007 1585
Merritt	0361		1667 1163 1308
Metz	1533 0746 0447 1163	Normerel	0037 0556
	0195 0535 0191 0037	Novak	0037 0556
	0556 0587 0668 1037	Novatronic	0037 0556
MGA	0178 0037 0556	Novex	1523
Micromax	0037 0556 0668 1037	Novita	1585
	0808 1324 2001 0714	Nurnberg	0361
Microspot	1614	NU-TEC	0698 0820 0037 0556
Microstar	0808		0706 0264
MicroTEK	0820 0698 0860 0706	O.K.Line	1037 1324 1556
	0264	Oceanic	0361 0208 0473 0480
Mikomi	1667 1163 0744 1585		2001
Minato	0037 0556	Odeon	0264
Minerva	1248 0487 0535 0195	Odys	1795
	0191 0108	Okano	0037 0556 0264
Ministry of Sound	1667	OKI	1037 2125
Minoka	0037 0556	Omega	0264
Mirai	1666 1852 1651	Omni	0780 0891 0698
Mitsai	1556	Onei	1667
Mitsubishi	0108 0512 0093 0178	Onn	1667 1709 2125 0556
	0037 0535 0556 0208		1770
	1037	Onwa	0371
Mivar	0609 0292	Onyx	1709 1770
Moree	0037	Opera	0037 1308 0556 0714
Morgan's	0037 0556	Optimus	0650
Motorola	0093	Optonica	0093
MTC	0512 0361	Orava	1037
MTlogic	0714 1308	Orbit	0037 0556
Multitec	0037 0556 0486 0668	Orion	2007 2032 2005 0037
	1037 1556 1982		0443 0714 2108 0556
Multitech	0486 0037 0556 0264		0264 1916 0880 2001
Murphy	2005	Online	0037 0556
Musikland	0037 0556	Ormond	0668 1037 0037 0556
Mx Onda	1687 1983 1645	Osaki	0264 0037 0556
MyCom	0178	Osio	0037 0556
Myryad	0556 0037	Osume	0037 0556
NAD	0178 0865 0361	OTIC	1687 1645 1983
Naiko	0037 1982 0606 0556		
Nakimura	0037 0556		
Narita	1982		





Otto Versand	1505 0093 0512 0037 0556 0535 0195 0191 0361 0109 0226 0343 0373	Provision	0499 0037 0556 1037 0714 1324
Pacific	0037 0556 1137 0714 1037 0443 1324	PVision	2001
Palladium	0037 0714 1137 0191 1505 0556 1982	Pye	0037 0556
Palsonic	0264 0037 0698 0556 1326 1681 1795 2461	Quadro	0753 1326 0556 0037 1667 1163
Panache	1585	Quasar	0650 0865
Panama	0264 0037 0556	Quelle	0037 1505 0109 0512 0535 0191 0361 0074 0668 0556 0195 0264 1037
Panasonic	0650 1636 1650 0226 0361 0853 0037 0556 0108	Radialva	0109 0037 0556 0287
Panavision	0037 0556	Radiola	0037 0556
Papouw	0037 0556	Radiomarelli	0037 0556
Pathe Cinema	0292	Radionette	0714
Pathe Marconi	0109	RadioShack	0037 0556 0178
Perdio	0037 0556	Radiotone	0037 0556 0668 0264 1037
Perfekt	0037 0556	Rank Arena	0753
Philco	0074 0037 0556	RCA	0625 0093 0560 0335 0343 0753
Philips	0556 0037 1506 0639 1744 2015 1583 1867 0605 0343 0361	Realistic	0178
Phocus	1308 0714 1652	Recor	0037 0556
Phoenix	0037 0556 0486	Rectiligne	0037 0556
Phonola	0037 0556	Red Star	1556
Pilot	0556 0037 0712 0706	Rediffusion	0361
Pioneer	1260 0760 1457 0170 0679 0037 0556 0343 0361 0109 0287 0486 0512	Redstar	0037 0556
Pionier	0486	Reflex	0037 0556 1037 0668
Plantron	0037 0556 0264	Relisys	0865 1298 1585 1645
Playsonic	0714 0037 0715 1652	Reoc	0714 0624 0634
Polar	0037	Revox	0037 0808 0556
Polaroid	1523 1720 1645 1687 2125	Rex	0264
Policom	0109 0361 0074 0535	RFT	0292 0264 0037 0556 0486
Portland	0624	Ricoh	0037 0556
Powerpoint	0487 0037 0556 0698 1770	Rinex	0698 0264 0706
Prandoni-Prince	0361	R-Line	0037 0556
Premier	0264 0891	Roadstar	1037 0715 0037 0556 0714 0668 0264 1916 1326
President	0860	Rodex	0037 0556
Prima	0264	Rolsen	0037 0556 2098 2037
PrimeView	1606	Rowa	0698 0264 0712 1441 0706 0587 0037 0556
Princess	0698 1326	Royal	0606
Prinston	1037	Royal Lux	0335
Prinz	0361	Rukopir	0556 0037
Profex	0361	Saba	0625 0109 0560 0343 0287 0361 0335 0650 0714 1588
Profilo	1556	Sagem	0610 0830 0618
Profitronic	0037 0556	Saisho	0634 0264
Proline	0037 1613 1727 1545 0556 0625 0634 1037 2223	Saivod	1982 0037 0556 1163 1556 0668 0712 1037
Prosonic	0037 0556 1865 0880 0371 0668 0714 2139 2001 1324 1770 2106 1709 0606 2197 2100 2125 1545 1849 0715	Salora	0361 0373 0208 0480 1556 2125 2197 2001 0335
Protech	0037 0556 0264 0668 0486 1037	Salsa	0335
Proton	0178	Samsung	0812 2051 0178 0618 0587 1312 2103 0093 1619 1458 0556 2137 1249 1630 0644 1584 1235 0037 0264
Proview	1687 1645	Sansui	0037 1709 0556 0706 0371 0888 0753 0698 0264 0806 0714 1248 1681 1556





Sanyo	0208 1208 0292 2461	Soundesign	0178
	0373 0037 0108 0556	Soundwave	0037 0556 0715
	0486 0170 1037 1667	Soyo	1709
	1163 1585	Standard	0037 0556 1037 1709
Save	0037 0556	Starion	1037
SBR	0037 0556	Starlite	0037 0556 0264
Schaub Lorenz	0714 0361 0606 0486	Stern	0264
	1324 1363 2100 1667	Stevison	1982 1556
	2125 1308	Strato	0037 0556 0264
Schneider	1137 0037 0556 0343	Strong	1163 1667 1037 0037
	0371 0361 0668 1037		0556
	0714 0624 1982 1916	Sungoo	1248 2037
	1617 1324	Sunic Line	0037 0556
Schönteck	1037	Sunkai	0610 0037 0556 0487
Scott	0178 1983		0865
Sears	0178	Sunny	0037 1617
Seaway	0634	Sunstar	0371 0037 0556 0264
Seelver	0556 1037 0037	Sunstech	2001
SEG	1037 0037 1163 0556	Sunwood	0037 0556
	0668 0487 0264 0634	Supersonic	0208 0556 0698 0264
	0624 1667 2125		0037
SEI	1505 0037 0556	SuperTech	0037 0556
Sei-Sinudyne	1505 0037 0556	Supervision	0698 0264
Seitech	1324	Supra	0178 0037
Seleco	0371 0264	Susumu	0335 0287
Sentra	0035	SVA	0698 0264 0208 0706
Serie Dorada	0178	Svasa	0698 0208 0706 0264
Serino	0610 0093 1193	Swedx	1606
Sharp	0093 1193 1659 2214	Swisstec	1613 1614 1606 0880
	1587 1819 0653		0865 1775 1776 1849
	0037 0556		2059
Shintoshi		Sysline	0037 0556
Shivaki	0037 0556 0443 0178	T+A	0447
Show	0698 0264 0706 0037	Tandberg	0109 0361
Siemens	0191 0535 0195 0037	Tandy	0093
	0556 0361	Targa	0618
Siera	0037 0556 0587	Tashiko	0170
Silva	0037 0556 0361	Tatung	1720 0037 1248 1556
Silva Schneider	0753 1556 2125		0556 1324
Silver	0037 0361 0556 0715	Taurus	2197
SilverCrest	1037 0037 0556	TCL	1916 0625
Singer	0806 0698 1556 0037	TCM	0714 0808 2001 1308
	0556 0335	Teac	0698 1645 2168 0037
Sinotec	0606 0698		1037 0556 0512 0712
Sinudyne	1324 0361 1505 0037		0668 0706 0264 0624
	0556 0606		0178 0170 0714 1667
Sky	0037 1614 0880 0178		1617 1363 1795 0587
	0556 1613 1606 1775		1770 1709 2032 2241
	0661 0865	TEC	0335 0037 0556 0361
Skysonic	0753	Tech Line	0037 0556 0668 1163
Sliding	0865 0880 1324	Technica	1982
SLX	0668	Technics	0650
Smaragd	0487	Technika	2032 1865 2059 1849
Soemtron	0865 1298		2106 1667 1983 1585
Solavox	0361 0037 0556		2125 2197
Sonic	0753 1702	TechniSat	0037 0556 2422
Soniko	0037 0556	Technisson	0714 1652
Soniq	1298 1702	Techno	1585 1037
Sonitron	0208	Technol Ace	0698 0264 0634
Sonneclair	0037 0556	Technosonic	0037 0556 1324 0499
Sonoko	0037 0556 0264		0880 1326 1982 2032
Sonolor	0208 1505 0361		
Sontec	0037 0556	Technotrend	1702
Sontech	1983	Techvision	1709 2032
Sony	1505 1825 1651 1625	Techwood	1163 1037 1667
	1751	Technimagen	0556
Sound & Vision	0037 0556	Teco	1523







Tedex	0698 0706 0606 0037	Triumph	0556 0037
	0208 0891 0587 0556	TVE	2239
	0806 1709 1681 0264	TVTEXT 95	0556
Tek	0820 0037 0698	Uher	0037 0556 0486 0480
TELE System	2125	Ultravox	0037 0556
Teleavia	0109 0287 0343	UMC	1606 1775 1614 1849
Telecor	0037 0556		2059 2106 2168
Telefunken	0625 1667 0560 0587	Unic Line	0037 0556 0473
	0074 0109 0698 0343	United	0714 1983 0037 0715
	0712 0820 0896 0754		0556 1916 1037 0587
	0780 0287 0891 0335		1982 1652 1770
	1681 0753 0706 0037	Unitron	1681
	0556 0486 0714 1556	Universal	0714 0037 0556
	1585 1588	Universum	1037 0037 1163 0668
Telefusion	0037 0556		0480 0195 0473 1667
Telegazi	0037 0264 0556		0535 0361 0512 0264
Telemeister	0037 0556		0556 0074 1505 0109
Telesonic	0037 0556		0170 0618
Telestar	0037 0556 1849	Univox	0037 0556
Teletech	0037 0556 0668 1037	V7 Videoseven	0178 0880 1666 0618
Televue	0037 0556		1651 1505
Tempest	0037 0556 0264	Vanguard	0037 0556
Tennessee	0037 0556	Venturer	1727 1545 1865
Tensai	0037 0556 0371 0715	Venus	1326
	1037	Vestel	1037 1163 1585 1667
Tesla	0037 1037 0668 0714		0037 0668 0556
	1652 0715 1137 0371	Vexa	0037 0556
	0753 0556 0610	Victor	0653
Tevion	1248 1298 0037 1645	VideoSystem	0037 0556
	0556 1556 0808 1667	Vidtech	0178
	2032 2100 0865 0668	ViewSonic	1588 2111
	1687 1137 2241 0714	Vision	0037 0264 0556
	1037 1585	Vistar	0361
Thes	1849	Vistron	1363
Thomson	0625 0560 0343 0287	Visual Innovations	2106
	0109 0335 0037 0556	Vivax	1326 1308 1617 1702
	1588		0037 1709
Thorn	0108 0109 0343 0361	Vivo	2032 2100
	1505 0074 0535 0499	Vortec	0037 0556
	0037 0556 0335 0512	Voxson	0037 0556 0178 2197
	0035	Vue	1236
Thorn-Ferguson	0108 0109 0361 0499	Walker	1667
	0335 0035	Waltham	0287 0037 0556 0668
Time	1702 1997		0109 1037 0443
TMK	0178	Watson	1037 1248 0556 0037
Tokai	0037 0556 0668 1037		0668
Tokaido	1037	Watt Radio	0486
Tokyo	0035	Wega	0037 0556
Tongtel	0780 0587	Wegavox	0037 0556
Top Show	0698 0264 0706	Welttech	0714 1652
Topline	1037 0668	Weltblick	0037 0556
Toshiba	1508 0508 0035 0714	Weltstar	1037
	0718 1582 0109 0195	Weston	0037 0556
	0191 0618 1916 0698	Wharfedale	0037 0896 1613 0891
	0037 1556 0650 1037		0860 0556 0698 1556
Tosumi	1982 1770		0706 1681 1324 1667
Toyoda	0371 0264		1983
Trakton	0264	White	
TRANS-continents	0668 1037 0865 0556	Westinghouse	0037 0556 0624
	0037 0486	Wilson	0556
Transonic	0037 0556 0587 0512	Windsor	0668 1037
	0264 0698 0712 1363	Windy Sam	0556
	1326 0780	Wintel	0714
Triad	0037 0556	World-of-Vision	0880 0865 1298 1606
Trio	1687 1248 1645	XDome	0508
Tristar	0264	Xenius	0634





Xiron	1983
XLogic	0698 0860
XMS	1441
Xomax	1770
Xoro	1324
Xrypton	0037 0556
Yakumo	1613
Yamaha	0650 1576
Yamishi	0037 0556
Yokan	0037 0556
Yoko	0037 0556 0264 0373
YU-MA-TU	0037
Yüsmart	1613
Zenith	0624
Zepto	1585

Austar	1459 0879 1176
Avalon	0396
Avanit	0299 1631
Axil	1777 1993 1659 2418
Axis	1111
Axitronic	1626
B.net	1672
B@ytronic	0299 0740
Base	1718
Belson	2418 2139
Best Buy	1993 2139 2728
Beyonwiz	2379
Black Diamond	1284
Blaupunkt	0173
Blue Sky	0713 0885
Boca	0132 0713 1232 2026
	2308 2458 2533
Boshmann	1413 1631
Boston	0132
Boxer	1458 1957 1692
Brainwave	0658 1672
British Sky	
Broadcasting	1175 0847 1662
Broco	0713
BSkyB	1175 0847 1662
Bubu Sat	0713
Bush	1284 1626 1672 1645
	1743 2376 1291 0742
	1935

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@sat	1300
@Sky	1334
ABSat	1323 0713
Acoustic Solutions	1284
ADB	0887 1473 1492 2152
	2367

Adcom	0200
AGK	2139
Airis	1659 1993
Akai	0200
Akura	1626
Alba	2296 1284 1659 0713
Allsat	0200
Alltech	0713
Allvision	1232 1334
Alpha	0200
Amitronica	0713
Ampere	0396 0132
Amstrad	0132 0847 1693 0885
	1175 1662 2139 0396
	0713 0742 0501

Anglo	0713
Ankaro	0713
Ansonic	2418
Apro	1672
Arcon	0132
Arena	1736
Armstrong	0200
Arnion	1300
ASA	0299 0740
Asat	0200
ASCI	1334 0114
ASLF	0713
AssCom	0853
Aston	1129
Astra	0713
Astratec	1743 1929
Astrell	0885
Astro	0133 0173 2026 0501
	0658 1099 1100 0200

Atlanta	2418
Atlantic Telephone	1333
Audiola	2418
Audioline	1429
Aurora	0879 1333 1433

Cambridge	0501
Canal Digitaal	0853 1499
Canal Digital	0853 1780 1004 2553
	1334
Canal Plus	2107 2657
Canal+	0853 2107 2657
CanalSat	2107 2657 0853
CanalSatellite	0853 2107 2657
CDV	1993
CGV	1413 1567 2034
Challenger	1956
Cherokee	1323
Chess	1334 0114 0713 2026
	1626
Chili	1718
CityCom	1176 1232 0299 1777
	0658

Clarke-Tech	1806
Clatronic	1413
Clayton	1626
Clemens Kamphus	0396
Cobra	0396
Colombia	0132
Columbia	0132
Com Hem	1176 1915 2357
Comag	1232 1413 2026 0132
	2101 2308 2533 2458
Comsat	1413
Comwell	1956
Connexions	0396
Conrad	0573 0501 0132
Coship	1672
Crown	1284
CS	1631
Cyfra+	1076 2593 1409 0853
Cyfrowy Polsat	0253 0853
Cyrus	0200





Daeryung	0396
Daewoo	0713 1743 1111
DAK	1993
Dantax	1626
D-box	1114 0723
Denver	2418
DGTEC	1631 1718
Digenius	0299
Digi	2026
Digi Raum	
Electronics	1176
Digitality	1334
DigiFusion	1645 1743 1929
Digihome	1284 2034 1935
DigiLogic	2034 2241
DigiMax	2273
DigiQuest	1300 1631
DigiSat	1232
Digital	2308 2273
Digital Vision	1929
Digital+	0853
DigitAlb	1232
DigitalBox	1886 1631 1100
Digitel+	1659
Digittrade	1659
DigiTurk	1076 2097
Dilog	1780 1957
DiPro	1473
Distratel	0885
Distrisat	0200
DNT	0200 0396
Doro	1672
DRE	1176
Dream Multimedia	1237 1652 1923
DSE	2280 2418
DStv	0879
Dual	2034
Durabrand	1284 2241 2034
DVX	1993
Echostar	1200 0853 0396 0713
	1323 1473 1409
Eco-Star	1413
Edision	1631 2306 2712
Einhell	0132 0713 0501
Elap	0713 1611 1129 1567
	1413
Elbe	2418
Electron	1956
Elless	0740
Elsat	0713
Elta	0200 1659
Emtec	1659
Energy Sistem	1631
Engel	1777 0713
Eurieult	0885
Europa	0501 0200
Europhon	0299 0132 0713 1334
Europsat	1413
Eurosat	1567 1886
Eurosky	0132 0299 0114 0501
	0740
Euro-Vox	0744
Eutelsat	0713
Eutra	0740
Evesham	2034
F&U	2139

Fagor	1611
Fenner	0713
Ferguson	1291 1743 1929
Fidelity	0501
Finepass	1780
Finlux	1626 0573 1232
FinnSat	0740
Flair Mate	0713
FMD	1413 0114
FoneStar	1777
Foxtel	1356 0879 1176
FPE	1993
Free Wave	
Technology	1743
Freecom	0501 0173
Freesat	2376 1692
FTEmaximal	0713 1886
Fuba	0396 0173 0573 0299
Galaxis	1111 1176 0853 0879
Galaxy	1956
General Satellite	1176
Get	1004
Globalteq	2145
Globo	2273 1626 1429 1334
	2026 0740
GOD Digital	0200
Gold Box	0853
Gold Vision	1631
GoldMaster	1334 1722
Goodmans	1284 2034 1291 2376
Gradiente	0887
Gran Prix	0740
Grandin	1626
Grocos	1409
Grundig	0173 0847 2367 1291
	1284 2376 0879 0885
	0853 0501 1780 2034
Haier	2418
Hallo	1626
Hama	1567
Handan	1780 1957
Hanseatic	1099 1100
Hänsel & Gretel	0132
Hauppauge	1672
HB	1736
HE@D	2183
Hills	1232
Hirschmann	0396 1886 1111 2026
	0173 0573 0299 1232
	0501 0740
Hitachi	1284 2034
HNE	0742 1232 0132
Homecast	1680 1736
Houston	0396
Humax	0215 1176 1232 1631
	1808 1427 1915 2144
	1882 1788 1675 1743
	2357 2443
Huth	0132
i-Box	1652
i-CAN	2367
ID Digital	1176
ID Sat	2145 1631
ILLUSION sat	1631
Image	1993

SAT

SAT





Imperial	1429 1334 1099 1100
	1197 1195 1351 0200
	1672 1631
iNETBOX	1652
Ingelen	0396
Inno Hit	1626
International	0132
Interstar	2200
Inves	1993 1743
inVion	2418
iotronic	1413 0132
ITT	2418
ITT Nokia	0573 0723
Jaeger	1334
KabelBW	1882 1915 1195 1197
	2176 1176
Kamm	0713
Kaon	1004 1300
KaTelco	1111
Kathrein	1561 0707 0249 0658
	1567 1717 2569 0114
	0173 0200 0713 0742
	1323
Kenwood	0853
Key West	0132
Kiton	0114
Kocmoc TB	1333
Kongque	1300
König	1631
Koscom	1956
Kreiling	0658 0249 0114 1626
Kreismeyer	0173
K-SAT	0713
Kyostar	0132
L&S Electronic	0132 1334
LaSAT	0132 0299 0740 0173
Lauson	2531
Legend	1718
Legend Digital	1718
Leiko	1626
Lemon	1334
Lenco	0713
Lenox	1611
Lenson	0501
Lexus	0200
LG	1414
Lifesat	0132 0299 0713
Linsar	1284
Listo	1626
Lodos	1284
Logik	1284 2441
Lorenzen	0299 0742 2026 0132
Luxor	1935 0573 0501
Macab	0853
Manata	0713 0132
Manhattan	1300
Maplin	2034
Marantz	0200
Marks and Spencer	2441
Maspro	0713 0173
Matsui	1626 0173 1743 1929
Maximum	1334 2552
Mediabox	0853
Mediacom	1206
MediaSat	0501 0853 2107

Medion	1232 0299 0713 0132
	1626 1334 0740 2026
Medison	0713
Mega	0200
Megasat	1886 1631
Metronic	1659 0713 0885 0132
	2418 1993 1413 1672
Metz	0173
MiCO	1993
Micro	0501 0713
Micro electronic	0713 2308
Micro Technology	0713
Micromaxx	0299
Microstar	0299
Microtec	0713
Morgan's	0132 0713 0200 1232
	1409
Motorola	0856 1473
Multichoice	0879 1333 1433 1959
	1960 2059 2060
Mx Onda	1659
Myryad	0200
Mysat	0713
MySky	1356 1693
N	2152
NanoXX	2204
Neom	1993
Neotion	1334
Netgem	1322
Neuf TV	1322
Neuhaus	0501 0713
Neuling	1232 0132 2458 2026
Neusat	0713
Nevir	1659
Newton	0396
Next	2200
NextWave	1956
Nikko	0713 0723 0200
Noda Electronic	0885
Nokia	1114 1023 0723 0853
	0573
Noos	0853
Nordmende	1611
Nova	0879 1959 1960 2059
	2060
NPG	1631
Numericable	0853 1409
OctalTV	1429
OKI	1567
Omni	1993
Onn	1284 2034
Openbox	1956
Opensat	1956
Opentel	1232
Optex	0114 0713 1611 1626
	1413
Opticum	2273
Optus	0879 0853 1356
Orbis	1334 1232
Orbit	0215
Orbitech	1195 1099 1100 1197
	0200 0501 0114 1351
P/Sat	1232





Pace	1175 1682 1693 1717	Schneider	1206
	2097 2593 2657 1356	Schwaiger	2533 1334 1631 2458
	0847 0887 1662 2059		0740 0885 1111 1429
	1323 2060 0200 0853		1672 2308 0132
Pacific	1284	SCS	0299
Packard Bell	1111	Sedeia	
Palcom	0299 1409	Electronique	0132 1626 0114
Palladium	0501 0396	Seeltech	1993
Palsat	0501	Seemann	0396
Panasat	0879	SEG	1626 0742 0114 1993
Panasonic	0847 1304		1659 1284
Panda	0173	Septimo	0885
Patriot	0132	Servimat	1611
peekTON	1993 2418	ServiSat	0713
Philips	0099 2107 2176 2593	Shark	1631
	1076 1114 1499 0853	Sharp	1935 2034
	0133 0200 1672 1743	Sherwood	1611 1409
	0173 1429	Siemens	0173 1626 1657 1334
Phoenix	2418 1956		1429 2418 1672
Phonotrend	1200	Sigmathek	2139 2418
Pino	1334	SignalMAX	1956
Pioneer	0853	Silva	0299
Planet	0396	SilverCrest	2026 2101 2308 2458
PMB	1611 0713	Skantin	0713
Polytron	0396	SKR	0713
Preisner	0132 0396	SKT	0132
Premiere	1114 0723 1111 1176	Sky	0856 1175 0887 1693
	1195 1100 0249 0658		0847 1662
	1717 2176 1675	SKY Deutschland	1114 0723 1111 1176
Premium	1736		1195 1100 0249 0658
Primacom	1111		1717 2176 1675
Pro Basic	2205 0853 2531	SKY Italia	1693
Proline	1284 1659	SKY+	1175 1662
Prosonic	0742	Skymaster	1409 1611 0713 1200
Quadrall	1323		1334 1567 2205 1545
Quelle	0742 0299		2409 2728
Radiola	0200	Skymax	0200 1413
Radix	0396	Skypex	0299 0740
RCA	1291	skyplus	1232 2026 1334 1175
RFT	0200		0740
RiksTV	2367 1692	SkySat	0713 0501 0114
Roadstar	0713 0853	SL	2026 0132 0742 0740
Rollmaster	1413		1672
Rover	0713	SM Electronic	0713 1200
Rownsonic	1567	Smart	0132 0299 0396 1232
SAB	1956 1300 1631		0713 1413 1631 2285
Saba	2205 0885	Sogo	2139
Sagem	1114 1690 2107 2553	Soniq	1567
	1692 1004	Sony	0847 1558 0639 0853
Saivod	2418	SR	0132
Salora	1232	Star Sat	0132
Samsung	2176 1662 1458 1206	Star View	2145
	0853 0253 1175	Starcom	0114
Sansui	1545	Starland	0713
Sanyo	1626	Stream System	1300
SAT	0501	Strong	1409 0713 1806 2235
Sat Control	1300		1626 2418 0853 1284
Sat Partner	0501		1300 0879 1473
Sat Team	0713	Sunny	1300
SAT+	1409	Sunsat	0713
SatCatcher	1956	Sunstar	0132
Satec	0713	Sunstech	1993 2139
Satlink	2273 1567	Supratech	1413 2139
Satplus	1100	Systec	0132 1334
SatyCon	1631	Sytech	2139 2418
Schaub Lorenz	2418	S-ZWO	1722





TBoston	2418 1659 2139
Teac	1322 1957
Tecatel	1200
Technika	2034 2441 1284 1672
TechniSat	1195 1197 1100 1099
	0501 1351 1322 0200
	0114 0396
Technosat	1206
Technosonic	1672
Technotrend	1429 1672
Technowelt	0885 0132
Techwood	0114 1284 1626 2034
	1935
TELE System	1611 1409 0396
Telecom	0713
Teleka	0396 0501
Telestari	0501 1099 1100 0114
	0200 1429 1334 1351
	1626 1672 1195 1197
	2540
Teletech	0114
Televés	0501 0132 1300 1334
	1409
Telewire	1232
TelSKY	2540
Tesla	1626
Tevion	1334 1672 0713 1409
	1567 2205
Thomson	0847 1291 2107 2176
	1175 0853 1662 1459
	1935 0713
Tiny	1672
Tioko	0132
Titan	1886 2205
Tividi	1429 1736
TNT SAT	2235 1692
Tokai	0200
Tonna	1611 0501 0713
Topfield	1986 1545 1783 1722
	1206 1824
Toshiba	1284
Triasat	0501
Triax	0501 0200 0396 0713
	0853 0114 1291 0132
	1099 1626 1611 1413
	2101 1886
Tricolor TV	1176
TT-micro	1429
Turnsat	0713
TVonics	2441
Twinner	0132 0713 1611
UEC	0879 1356
Umax	1993
Unisat	0200 0132
Unitymedia	1429 1882 1176 1195
	1197
Univers	1886
Universum	0173 0299 0742 0114
	1099 0740
Van Hünen	0299
Vantage	2204 2297 1458
Vaova	1993
Variosat	0173
VEA	2418
Ventana	0200
Vestel	0742 1284 0114

VH Sat	0299
Viasat	1323 1023 1682 1195
	2235
Viola Digital	1672
Vision	1626 1886
Visiosat	1718 1413 0713 0114
	1129
Vitecom	1413
Volcasat	2418
Voo	0853
Wavelength	1232 1413
Welho	2357
Wetekom	0501
Wharfedale	1284 2034 0200 1935
Wisi	0173 0396 0299 0501
	0132 0740 1232 1986
Worldsat	1473 0114
Woxter	2418 2139
XSat	0713 0847 1323
Xtreme	1300
Yakumo	1413
Yamada	1718 1993 2139
YES	0887
Yukai	1659
ZapMaster	0740
Zehnder	1777 1334 1232 1413
	0114 0742 1631 2388
Zenith	0856
Zeta Technology	0200
Ziggo	1657 1499 2443
Zinwell	1176 2280

# CBL

@Home	1666 2015 0660
ADB	2343
Akado	2339 2043
Altibox	2030
Amino	1615
BT Vision	2294
Cablecom	1582
Cisco	2589
ClubInternet	2132
Com Hem	0660 1666 2015
Comcor	2339
freebox	1976 1482
GuestComm	2030
Humax	0660 1813 2043 2339
	1885 1983 2165 1981
Kabel Deutschland	1981 1983 2165
KabelBW	1813 2174 1981 1983
	1060
Kiss	2132
Kreatel	2030
Motorola	2030
NTL	1060 1068
Ono	1068
Optus	1060
Orange	2407
Pace	1068 2620 1060
Philips	1619 2174 1582
Premiere	2620 2174
Sagem	2407



Samsung	2407 2015 2174 2368
	1060 1666 1987 2610
Scientific Atlanta	2132
Sky	2620
SKY Deutschland	2620
Stofa	2015
Telewest	1068 1060 1987
TelstraClear	2343
T-Home	2132
Thomson	1582 1981 2174 1983
TP	2407
Unitymedia	2610
UPC	1582
Viasat	2030
Viken Fibernet	2030
Virgin Media	1060 1068 1987
YouSee	2368
Ziggo	2015 0660 2589 1666

Thermaltake	2037
Trust	1272
TViX	2153
Via Technologies	1272
Western Digital	2558
Woxter	2628 2535
XBox	1272

# VAC

A.C.Ryan	2709 2535
Apple	2615
Argosy	2270
ATMT	2270
Bang & Olufsen	0875
Best Buy	2522
chiliGREEN	2535 2628
CnM	2535
Dane-Elec	2628
Digitech	2260
DVICO	1921 2153
EGreat	2260
Elonex	1272
Eminent	2260
Emtec	2535 2709
EverTech	2535
Fantec	2535 2522 2709
Freecom	1843
Fujitsu Siemens	1272
Galaxy	2238
Hauppauge	1408
Hewlett Packard	1272
iMON	2037
INOi	2270
Iomega	2270 2238
ISTAR	2260
LaCie	2238 2626
me2	2535 2270
Memup	2270 2522
Microsoft	1272
Netgear	2036
Olidata	2270
Packard Bell	2238
peeKTON	2116
Pinnacle Systems	1447
Popcorn Hour	2260
RaidSonic	2238
Ricavision	1272
Sitecom	1843
Sony	1733
SoundGraph	2037
Sumvision	2628

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