

## 5-in-1 Universal Remote Control

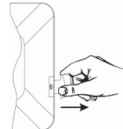


Thank you for purchasing the 5-in-1 Universal Remote Control

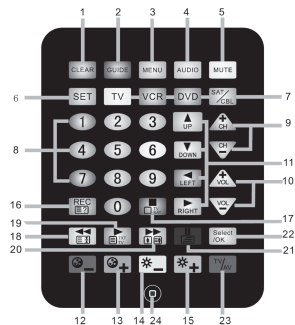
This remote operates by a CR2025 battery, and can be used with your existing TV, VCR, or DVD player. Read the instructions below to sync your remote with the proper device

#### 1. Battery Removal and Replacement

Fig. 1



#### Function Buttons





**TV Functions**

Key Location	Key Title	Key Function
1	CLEAR	Clear or Exit
2	GUIDE	C/P
3	MENU	MENU
4	AUDIO	Audio
5	MUTE	Muting
6	SET	Set Up key
7	TV,VCR,DVD, SAT/CBL	Device keys
8	1,2,3,4,5,6,7,8,9,0	Number keys
9	CH+/-	Channel UP/DOWN
10	VOL+/-	Volume UP/DOWN
11	Up/Down/Left /Right	UP/DOWN/LEFT/RIGHT
12		Red or Color-
13		Green or Color+
14		Yellow or Brightness-
15		Blue or Brightness+
16		Reveal
17		TV mode
18		Page Hold
19		Text mode
20		Expand
21		Mix mode
22	Select/OK	OK or Select
23	TV/AV	TV/VCR, Input
24		Power On/Off

Xenon		0322			
Xonycs	0026,0175				
Xrypton	0026,0175				
Yakumo				3018	
Yamaha	0026		0543,0544 0612	0646 0684	0675
Yamakawa				3016	
Yamishi	0731				
Yoko	0004,0019,0026,0039,0097 0159,0168,0730,0731,0741 1009,1015	0758			
York	0039				
Yorx	0731				
Yung Fu		2056			

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Zampa	0101					
Zanussi	0078					
Zehnder			0390,0507,0514			
Zenith	0203,0237		0441,0444,0445 0446,0447		0570,0682	
Zinwell			0821			
Zodica			0521			
Zwergnase			0506			
Others	0206,0207,0208,0264 0265,1002,1006,1014 1016,1017,1028,1034	0350,0351 0352,0353	0820,0861,2025		0674	

AlphaStar			0499,0826			
Amstar			0847			
Amstrad	0006,0033,0039,0175 0262,0711,0731,0740 1013,1015	0755	0371,0372,0408,0409 0476,0488,0497,0506 0816,2014,2026			
Amstronng			0506			
Amway	0026					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Waltham	0001,0004,0015,0019,0023 0026,0159,0169,0172,0175 0733,1024					
Wamishi	0742					
Watson	0006,0026,0037,0039,0041 0057,0159,0175,0705,0731 0738,1005,1015	0757				
Watt Radio	0001,0003,0004,0015,0023 0025,0029,0030,0057,0159 0170,0730,1032					
Wega Color	0044,0119,0143					
Wegavox	0023,0169					
Wela			0497			
Weltblick	0026,0037,0175	0758				
Wharfedale	0718				0687	
White	0003,0004,0009,0019,0024	0276,0282				
Westinghouse	0026,0037,0078,0096,0159 0169,0170,0175,0730					
Wesder					0689	
Weston	0019					
WeTeKom			0516			
Wilson					3014	
Winco	0740					
Winer			0080,0387,0449 0844			
Wintergarten			0511			
Winternitz	0168		0372			
Winston	0039,0163,0175					
WISI			0409,0420,0435 0436,0437,0438 0439			
Worldtech	0159					
Xoro					3017	
Woorisat			0514			
Wittenberg			0371			
Xsat			0812,2019			
Xcellent	0175					

## VCR Functions

Key Location	Key Title	Key Function
1	CLEAR	Clear or Exit
2	GUIDE	C/P
3	MENU	MENU
4	AUDIO	Audio
5	MUTE	MUTE
6	SET	Set Up key
7	TV,VCR,DVD, SAT/CBL	Device keys
8	1,2,3,4,5,6,7,8,9,0	Number keys
9	CH+/-	Program UP/DOWN
10	VOL+/-	Volume UP/DOWN
11	Up/Down/Left /Right	UP/DOWN/LEFT/RIGHT
12		Red or Color-
13		Green or Color+
14		Yellow or Brightness-
15		Blue or Brightness+
16	REC	Record
17		STOP
18		Fast Rewind
19		Play
20		Fast Forward
21		Pause
22	Select/OK	OK or Select
23	TV/AV	TV/VCR, Input
24		Power On/Off

## DVD Functions

Key Location	Key Title	Key Function
1	CLEAR	Clear or Exit
2	GUIDE	Title
3	MENU	MENU
4	AUDIO	Audio
5	MUTE	MUTE
6	SET	Set Up key
7	TV,VCR,DVD, SAT/CBL	Device keys
8	1,2,3,4,5,6,7,8,9,0	Number keys
9	CH+/-	Next/Previous
10	VOL+/-	Volume UP/DOWN
11	Up/Down/Left /Right	UP/DOWN/LEFT/RIGHT
12		Angle
13		Chapter
14		Setup
15		Surround
16	REC	--
17		STOP
18		Fast Rewind
19		Play
20		Fast Forward
21		Pause
22	Select/OK	OK or Select
23	TV/AV	P/N
24		Power On/Off

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
A.R. Systems	0001,0002,0711					
AB		0812				
ABC		0452				
Accent		0711				
ACE	0713					
Adel sound		0756				
Admiral	0032,0033,0041,0155 1013					
Adyson	0004,0724,0730					
Aegir		0514				
Afreedy					0688	
Agashi	0033,0159,0730					
Aiko	0039,0707,0711,0730					
Aim	0711					
Aiostay	0009,0019,0033					
Aiwa	0261	0755,0757 0758,0760		0581	0626,0649	
Akai	0004,0005,0010,0019 0023,0026,0031,0033 0039,0054,0074,0087 0105,0139,0159,0168 0169,0175,0262,0707 0711,0730,0731,0745 1011,1015,1023,1025	0269,0270 0271,0309 0310,0356 0357,0757				
Aki	0004,0005					
Akiba	0711,0731,0742					
Akito	0711					
Akura	0026,0033,0039,0159 0170,0711,0731,0738 0740,1015					
Alaron	0730					
Alba	0019,0039,0088,0159 0169,0262,0705,0730 0731,0738,0744	0755,0757 0760	0407,0426,0521,0515 2042		0680	
Albiral	0000,0001,0019,0026 0096,0146,0175,1015					
Aldes		0511,0514				
Alfa Gold		0810,0811				
Alhori	0004					
AliceTV		0503				
Allorgan	0004,0015,0078					
Allaar	0711	0759				
Allaat			0386,0424,0499,0512			
Allsonic			0511			

TMK		0286			
Tobo	0033				
Togoshi	0044				
Tokai	0019	0758	0499		0684
Tokyo	0707,0730				
Tomashi	0731				
Tomita	0004				
Tonna			0386,0512		
Topfield			2024		
Topline		0760			
Top Up TV			0502,0815,2007		
Top Vision	0019				
Toshiba	0004,0022,0042,0044,0052 0094,0119,0138,0139,0141 0142,0707,0732,1049,1051	0273,0292 0307	0442,0444,0833		0571,0640
Towada	0019,0096	0759			
Toyosi	0001				
TPS			0805		
TPS ADSL			0503,0508,0509		
Tr. Continents	0000,0041				
Transonic	0026,0742				
Transtec	0730				
Trevi	0033,0039,0163				
Trilux	0175,0189,0714				
Tristar	0039,0731,1015				
Triumph	0006,0009,0724,0732				
Tronic	0004,0033,0168				
Trwam TV			2005		
Uher	0011,0012,0027,0036,0037 0038,0078,0096,0159,0255 1020	0273,0289 0758			
Ultravox	0003,0004,0025,0026,0037 0057,0082,0096,0146,0155 0159,0175,0730	0276	0386		
Unbranded			0481		
Unic	0000,0004,0019				
Unic-Radio	0170				
Uniden			0403,0404,0406 0443,0830,0831		
Unimor	0175				
United Satellite			0440,0499,0506		
Unitor			0373		

## SAT Functions

Key Location	Key Title	Key Function
1	CLEAR	Clear or Exit
2	GUIDE	Guide or EPG
3	MENU	MENU
4	AUDIO	Audio
5	MUTE	Muting
6	SET	Set Up key
7	TV,VCR,DVD, SAT/CBL	Device keys
8	1,2,3,4,5,6,7,8,9,0	Number keys
9	CH+/-	Channel UP/DOWN
10	VOL+/-	Volume UP/DOWN
11	Up/Down/Left /Right	UP/DOWN/LEFT/RIGHT
12		Red or Color-
13		Green or Color+
14		Yellow or Brightness-
15		Blue or Brightness+
16	REC	Help or View
17		TV/DTV or TV/Radio
18		Page- or East
19		Text or FAV
20		Page+ or West
21		Info
22	Select/OK	OK or Select
23	TV/AV	TV/AV or TV/SAT
24		Power On/Off

# Brand code area in Set Up mode/Quick Search mode

Bank	for Device (@Search mode)	Total of codes	brand code 分布	Set Up 范围	Quick search 范围
TV	TV/CTV/XTX	369	0000 - 0268 0700 - 0746 1000 - 1052	0000 - 0690 0700 - 0746 0750 - 0760 0800 - 0884 1000 - 1052 2000 - 2030 3000 - 3035	0000 - 0268 0700 - 0746 1000 - 1052
VCR	VCR	113	0269 - 0370 0750 - 0760	0000 - 0690 0700 - 0746 0750 - 0760 0800 - 0884 1000 - 1052 2000 - 2030 3000 - 3035	0269 - 0370 0750 - 0760
SAT/CBL	Satellite /Cable	269	0371 - 0523 0800 - 0884 2000 - 2030	0000 - 0690 0700 - 0746 0750 - 0760 0800 - 0884 1000 - 1052 2000 - 2030 3000 - 3035	0371 - 0523 0800 - 0884 2000 - 2030
AUX	CD/LD/DVD/ VCD/AMPHIFI	203	0524 - 0690 3000 - 3035	0000 - 0690 0700 - 0746 0750 - 0760 0800 - 0884 1000 - 1052 2000 - 2030 3000 - 3035	0524 - 0690 3000 - 3035

## OPERATION INSTRUCTION

### 1- SET UP

Follow the attached CODE LIST to find out the code of the brand name, model number and code number. The setup procedure as the following:

- <A> Press and hold the [SET] key then press the selected DEVICE key, e.g. [TV] or [VCR] or [DVD] or [SAT].
- <B> The LED light up and release both key.
- <C> Follow the sequence to input the code numbers (four digits) which found from the code list.
- <D> After input the 4 digits code number, the LED will be turn off if the code number is correct. If the code number is not in the list, the LED will be flash twice and keep in the setup status, please back to the procedure <C>.
- <E> Setup is finished.

Remark: Anytime want to leave the Setup mode, please press the DEVICE key (System will be leave the Setup mode automatically when after 10 sec. have not press any key).

Telemeister		0359	0398,0409,0428 0430,0469,0487			
Teleopta	0033					
Telepac	0033					
Telerent	0027					
Telesat			0516			
Teleservice	0203,0246					
Telesar	0169,0175				0651,0652	
Teletch	0033,0145,0738	0755,0759	0513			
Teleton	0004,0011,0047,0078					
Televideon	0730					
Televiso	0739,1047					
Telewire			0386,0512			
Telexa	0096					
Tensai	0004,0013,0016,0019,0026 0033,0037,0039,0057,0096 0159,0168,0172,0175,0178 0221,0262,0724,0731,1032 1046	0755,0756 0758,0759				
Tenson	0037					
Tennessee	0026					
Tesla	0001,0019					
Tetran	0037					
Tevion	0738	0760	2041,2045,2060		0683	
Thomson	0000,0001,0004,0019,0037 0045,0047,0065,0067,0070 0075,0077,0078,0098,0100 0103,0117,0159,0185,0186 0222,0224,0711,0722,0733 0735,0737,0743,0744,0746 1024,1025,1026,1027,1029 1036,1044	0270,0273 0279,0292 0318,0323 0324,0328	0372,0509,0520 0804,2009,2013 2017,2038		0668	0668
Thorn-Ferguson	0001,0002,0004,0005,0006 0010,0013,0019,0022,0026 0028,0031,0033,0041,0042 0044,0045,0052,0054,0074 0077,0084,0111,0120,0126 0127,0135,0136,0137,0140 0141,0142,0144,0148,0152 0159,0160,0175,0185,0186 0191,0221,0229,0256,0722 0735,1012,1013,1015,1024 1025,1031,1037	0270,0273 0300,0303 0304,0305 0306,0308 0319,0329 0330,0348 0368,0758	0371,0372,0394 0395,0400,0401 0402,0433,0485			

Brand/Device	TV/XTX	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Thundermax			0424			
Ticsonic	0004					

Tec	0004,0006,0011,0019,0023 0026,0033,0145,0159,0168 0735,0743,1013					
Tecco	0004,0033,0145,1025					
Techica	0731					
Techline	0096,0738					
Technema	0037					
Technica	0039					
Technics	0110,1050			0542,0558 0609		0639
Technikus			0386			
Techniland			0512			
Technisat	0026,0156	0760	0409,0426,0428 0429,0430,0431 0487,0499,2018			
Technosat			0263,0386,0467 0802,0869			
Technovision	0263					
Technowelt			0520			
Tecnison	0004,0033,0175					
Teco			0506			
Tedelex	0033		0466			
Teinel	0019,0026					
Teknant	0026,0033					
Teknika			0471			
Tekon	0033					
Telasat			0516			
Tele +1	0248					
Teleavia	0186,0733					
Teleciel			0521			
Telecom			0386,0884			
Telecor	0731					

Brand/Device	TV/TEXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Telefunken	0019,0054,0067,0075,0098 0132,0133,0134,0135,0140 0145,0165,0185,0186,0231 0235,0722,0733,0735,0737 0743,0746,1004,1005,1024 1025,1026,1027,1035,1037 1044	0270,0273 0279,0292 0318,0319 0321,0323 0330,0345 0346,0347	0426			
Telegazi	0731					
Teleka			0506,0521			
Telemaster			0514			
Telemax			0432			

## 2 - QUICK SEARCH

When after the setup procedure but still can't control the device, or can't find out the code number from code list, can use this feature to find out the suitable control code. Entry the SEARCH mode and set to FORWARD SEARCH, in the SEARCH procedure can use the [SET] key to change SEARCH direction, FORWARD / BACKWARD inter-change.

- <A> Power on the selected device or VCR/CD/LD/VCD/DVD and insert TAPE/DISK.
- <B> Press and hold the [SET] key then press the selected DEVICE key, e.g. [TV] or [VCR] or [DVD] or [SAT/CBL].
- <C> The LED light up and release both key.
- <D> Press the [SET] key once again to entry the QUICK SEARCH MODE and the LED will be flash.
- <E> Aim the URC at your device, press and release the [POWER] key slowly, The URC will send the [POWER] Signal of next Table, (Press [POWER] or [PLAY] key for VCR/AUX Device). Check the device activate or not (POWER OFF or PLAY). Go to procedure <F> for activate or repeat procedure <E> for not.
- <F> Any time want to leave the SEARCH MODE, please press the [DEVICE] key and the LED will be turn off.
- <G> Check the other keys, e.g. [CH+/-], [VOL+/-]...etc., are can be controlled or not. If can be controlled, please back to procedure <A>.
- <H> Some of the devices are slow response in [POWER] signal, at the SEARCH processing can use a [SET] key as a FORWARD/BACKWARD toggle switching to change the SEARCH direction. It can find out the suitable control code more fast. The procedure is: press [SET] key during the QUICK SEARCH MODE. At the same time, SEARCH direction will change to reverse direction (FORWARD change to BACKWARD or BACKWARD change to FORWARD).

**Remark:**

1. During the SEARCH MODE status, other than [POWER] key (VCR/DVD is [POWER] & [PLAY] key) all the keys can operated normally. Can check the other keys inside the SEARCH MODE and don't need to leave it. (System will leave the Search mode automatically when after 30 sec. has not press any key).
2. System is use the [POWER] key to operate the search function, but some devices, e.g. VCR, Hi-Fi, are haven't [POWER] control key, the system will send [PLAY] signal for the search function at this time. So that, please power on the devices and insert the tape or disc before operate the search function of this kind of devices. Check the device is activate or not by the Power Off or Playback when during the search mode.

**Code List**

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
A.R. Systems	0001,0002,0711					
AB			0812			
ABC			0452			
Accent		0711				
ACE	0713					
Adel sound		0756				
Admiral	0032,0033,0041,0155,1013					
Adyson	0004,0724,0730					
Aegir			0514			
Afreey					0688	

STS			0393			
STV			0413			
Stvi	0004,0019					
Stylandia	0033,0039					
Sumida			0506			
Sunkai	0016,0028,0088,0711,0731,0742,0744,1001	0760				
Sunstar	0033,0159,0705	0755	0497,0506			
Suntronic		0755				
Sun Moon Star			0813			
Super Max			0846,0848,0849,0850			
Superla	0000,0019,0730					
SuperTech	0015,0023,0026,0033,0039,0159,0175,0730,0731,1015					
Supex			0858,0862,0869			
Supra	0026,0033,0168	0758				
Susumu	0735					
Syc Line	0033					
Sydney	0002,0730					
Sylvania					0553,0604	
Symphonic		0755				
Sytong	0730					
Tactics	0004					
TADA			0448			
Tadiran			0817			
Tadistar	0169,0175					
Tagra			0512			

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Tai Wah.	0218,0219					
Taisho	0019	0756				
Tanaki	0001					
Tandberg	0000,0007,0016,0156,0180,0197,0266,1013,1025,1026,1027	0322	0424			
Tandy	0047,0731,1047					
Tantec		0396				
Tashiko	0004,0026,0042,0097,0730	0755,0758				
Tatung	0002,0004,0026,0028,0031,0044,0097,0131,0175	0278,0755,0757,0760			0659	
Taurus	0019					
TCM			2048,2049			
Teac	0004,0052,0712,0740,0742	0755,0758		0608,0611	0634	

Skyvision			0512				
SL			0497				
Slava	0004						
Smarago	0744						
SM Electronic			0825,2002,2053 2054				
Sogera	0037						
Sokol						0645	
Solavox	0005,0087,0745,1013						
Solonor	0082,1047						
Sonawa	0731						
Sonicx	0026						
Sonitron	0004,0074						
Soniko	0026						
Sonneclair	0037						
Sonoko	0004,0026,0033,0163 0175,1015						
Sony	0028,0044,0119,0126,0127 0128,0129,0130,0182,0199 0228,0260	0298,0299 0340,0342 0343,0344 0367,0750	0472,0510,0804 0834,2061	0556,0557 0575,0607 0617	0575,0621 0631,0657 3020	0563(Tape) 0575(CDV) 0618(Tune)	

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Sonolor	0739					
Sontec	0026,0033,0159,0170,0175 1015	0758				
Sound Color	0026,0175,0262					
Sound & Vision	0731					
Sound master	0033					
Soundwave		0758				
Sowtech	0170					
Spectra	0168,0175					
Standard	0004,0033,0037,0039,0159 0168,0172,0175,0731					
Star			0459,0470,0802 0846,0868,0871 0875			
Starlite	0033,0175	0758				
Starlux	0033					
Stenway	0039,0731					
Stern	0078					
Strato	1015					
Strong			0399,0423,0426 0480,0492,0514 0521,0864,0865 0868,2023			

Agashi	0033,0159,0730					
Aiko	0039,0707,0711,0730					
Aim	0711					
Aiostay	0009,0019,0033					
Aiwa	0261	0755,0757 0758,0760			0581	0626,0649
Akai	0004,0005,0010,0019 0023,0026,0031,0033 0039,0054,0074,0087 0105,0139,0159,0168 0169,0175,0262,0707 0711,0730,0731,0745 1011,1015,1023,1025	0269,0270 0271,0309 0310,0356 0357,0757				
Aki	0004,0005					
Akiba	0711,0731,0742					
Akito	0711					
Akura	0026,0033,0039,0159 0170,0711,0731,0738 0740,1015					
Alaron	0730					
Alba	0019,0039,0088,0159 0169,0262,0705,0730 0731,0738,0744	0755,0757 0760	0407,0426,0521,0515 2042			0680
Albiral	0000,0001,0019,0026 0096,0146,0175,1015					
Aldes			0511,0514 0810,0811			
Alfa Gold						
Alhori	0004					
AliceTV			0503			
Allorgan	0004,0015,0078					
Allsar	0711	0759				
Allsat			0386,0424,0499,0512			
Allsonic			0511			
AlphaStar			0499,0826			
Amstar			0847			
Amstrad	0006,0033,0039,0175 0262,0711,0731,0740 1013,1015	0755	0371,0372,0408,0409 0476,0488,0497,0506 0816,2014,2026			
Amstrong			0506			
Amway	0026					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
A.R. Systems	0001,0002,0711					
AB			0812			



ABC			0452			
Accent		0711				
ACE	0713					
Adel sound		0756				
Admiral	0032,0033,0041,0155 1013					
Adyson	0004,0724,0730					
Aegir			0514			
Alfreay					0688	
Agashi	0033,0159,0730					
Aiko	0039,0707,0711,0730					
Aim	0711					
Aiostay	0009,0019,0033					
Aiwa	0261	0755,0757 0758,0760		0581	0626,0649	
Akai	0004,0005,0010,0019 0023,0026,0031,0033 0039,0054,0074,0087 0105,0139,0159,0168 0169,0175,0262,0707 0711,0730,0731,0745 1011,1015,1023,1025	0269,0270 0271,0309 0310,0356 0357,0757				
Aki	0004,0005					
Akiba	0711,0731,0742					
Akito	0711					
Akura	0026,0033,0039,0159 0170,0711,0731,0738 0740,1015					
Alaron	0730					
Alba	0019,0039,0088,0159 0169,0262,0705,0730 0731,0738,0744	0755,0757 0760	0407,0426,0521,0515 2042		0680	
Albiral	0000,0001,0019,0026 0096,0146,0175,1015					
Aldes			0511,0514 0810,0811			
Alfa Gold						
Alhori	0004					
AliceTV			0503			
Allorgan	0004,0015,0078					
Allsar	0711	0759				
Allsat			0386,0424,0499,0512			
Allsonic			0511			
AlphaStar			0499,0826			
Amstar			0847			
Amstrad	0006,0033,0039,0175 0262,0711,0731,0740 1013,1015	0755	0371,0372,0408,0409 0476,0488,0497,0506 0816,2014,2026			

Shorai	0016					
SHOV	0033					
Siam	0711					
Siarem	0000,0025,0028,0029,0057 0096,0155,1032					
Sicatel	0001,0019					
Sice	0010					
Sidex	0019					
Siemens	0010,0018,0026,0054,0120 0231,0232,0233,0234,0235 0236,0711,0724,1005	0272,0275 0291,0369	0383			
Siera	0711					
Siesta	0254					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Sigma			2007			
Signal			0456,0850,0855			
Silelis	0019					
Silma	0159					
Silva	0004,0033,0044,0724,0730 1015					
Silver	0016,0039,0044,0160,0711 1015					
Singer	0000,0004,0025,0026,0029 0033,0057,0146,0147,0149 0155,0168,0175,0711,0739 1032,1047					
Sintrack			0427			
Sinudyne	0006,0016,0025,0026,0029 0057,0109,0125,0155,0192 0197,0711	0278,0287				
Sirel	0000					
Skardin			0821,0822,2002	0644		
Sky	0711					
Sky bird			0386			
Sky Box			2007			
Sky digital			0880,0881			
Skylab			0373			
Sky master			0462,0479,0511 0513,0516,0523 0825,0827,0855 0880,0882,0883 2002,2027		0638 0656	
Sky max			0424,0499			
Skysonic	0718					
Skytronic	0033					

SBR	0711					
Schacke			0521			
Schaub Lorenz	0005,0033,0039,0168 0177	0755				

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Schneider	0004,0005,0006,0011,0015 0019,0023,0025,0026,0033 0036,0038,0039,0057,0151 0159,0191,0255,0258,0262 0711,0724,0731,0737,0738 1013,1015,1020,1031,1032 1038,1041,1046	0278,0281 0289,0755 0758	0424		0679	
Schwaiger			0516,2040			
Scientific Atlanta			0452			
Scott	0026,0037					
Sears		0315				
Sector			0511			
Seda			0426			
Seemann			0506			
SEG	0004,0019,0024,0026,0033 0039,0096,0145,0146,0156 0159,0177,0711,0724,0730 0738,0744,1015	0281,0289 0759	0426,0516		0684	
Sei-Sinudyne	0006,0015,0016,0026,0039 0057,0088,0155,0187,0197 1001,1003,1013,1032,1046	0756				
Seiko	0168					
Seleco	0005,0007,0011,0019,0026 0041,0044,0058,0077,0078 0082,0101,0175,0197,0722 1013,1046	0309,0758	0426,0512			
Senday	0026					
Senta		0277				
Sentra	0005,0039,0142,0707,0731					
Serino	0717,0742					
SET			0825,0837,0838 0839			
Sharp	0044,0054,0119,0124,0196 0198,0225,0227	0301,0302 0341,0758	2031	0531,0550 0566	0628 3010	
Sherwood				0540,0541 0577,0578		
Shinton	0159,0175	0356				
Shintoshi	0175					
Shiva	0044	0758				
Shivaki	0019,0026,0175					

Amstrong		0506				
Amway	0026					

Brand/Device	TV/TXT	VCR	SAT/DSS /Cable	HIFI/CD	LD/DVD	AUX
Anam	0711					
Anex	0026					
Anglo	1015					
Anitech	0004,0024,0026,0033 0037,0096,0163,0175 0711,0724,1015	0759				
Anitsch		0311				
Ankaro			0373,0511			
Anntron			0426			
Ansonic	0026,0033,0145,0170 0711,1015	0756				
Antecno	0039					
Antron			0521			
APEX					0672	
Apollo			0402,0426			
Arcon			0372,0373,0476			
Arianet					0654	
Arion			2003			
Aristona	0711					
Armstrong			0499			
Arthur Martin	0739					
Art-tech	0159,0163,0175					
ASA	0007,0009,0013,0026 0032,0041,0094,0105 0155,0161,0221,1012	02820758				
ASAT			0499			
Asberg	0026,0024,0096,0159 0169,0711					
Asora	0033					
Aston			0498			
Astra	0033		0372,0409,0488,0506 0520			
Astro	0001,0019,0026,0096		0502,0514,0521			
ASTRX			0840,0842,0843,0846			
Asuka	0019,0037,0039,0731	07550758				
Atlantic	0711,0730					
ATLE				0579		
ATLM					0627,0671	
Atoro	0033					
Auchan	0005,0739					
AudioSonic	0160,0711,0731					

Audiostar	0033,0039					
Audioton	0004,0033,0037,0168		0386,0512,0521			
Aura			0430,0487			
Aurora	0004,0168,0221					
Ausind	0008,0045					
Autovox	0004,0007,0012,0014 0015,0078,0079,0104 0151,0153					
AVA	0175					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
AWA	0026,0027,0033,0159 0160,0168,0175,0189 0220,0706,0708,0709 0714,0730,0740,1007	0758				
Axxion	0026,0033,0262					
Baihua	0039					
Baird	0031,0162,0737	0271,0273 0755				
Bang & Olufsen	0026,0155					
Barcom	0103,0155,0724		0373			
Basic Line	0005,0026,0039,0163 0711,0731					
Baur	0005,0010,0015,0026 0027,0033,0047,0052 0054,0074,0126,0127 0159,0711,1020,1051					
Bazin	0004					
BBK Speaker					3001,3002 3003,3004 3005,3006 3007,3008 3009	
BEKO	0026,0142,0159,0170 0226,0254,0711,0719 0722,1021					
Bekoteknik	0170					
Benjamin		0468				
Bentley					3021	
Beon	0711					
BEST	0741		0373,0453,0511			
Bestar	0170,0711,1046					
Biazet	0175					
Bifonic	0004,0033					
Bigsat			2013			
Big Stone	0033,1015					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
SABA	0000,0028,0065,0067,0070 0075,0082,0084,0085,0098 0099,0100,0103,0117,0155 0185,0186,0222,0224,0722 0733,0735,0737,0745,0746 1024,1025,1026,1027,1044 0338	0270,0273 0279,0292 0295,0318 0319,0321 0326,0337 0338	0514,0520			
Saisho	0004,0006,0015,0028,0039 0088,0097,0182,0187,0244	0286,0287 0322,0332 0360,0760				
Sakai	0004					
Sakio	0033,1015					
Sakura			0397,0398			
Salora	0004,0005,0043,0047,0048 0055,0066,0068,0069,0074 0076,0082,0086,0087,0097 0105,0162,0177,0195,0249 0250,0267,0268,0745,1011 1012	0283,0285 0314	0391,0418			
Sambers	0000,0001,0004,0006,0008 0009,0024,0029,0030,0043 0045,0724,1032					
Sampo					0688	
Samsung	0004,0006,0026,0031,0033 0043,0145,0159,0160,0163 0170,0175,0212,0215,0702 0703,0711,0716,0730,1015 1018,1019,1039,1040,1042 1052	0289	0426,0459,0475 0476,0501,0801 0805,0877		0637 0648 0666	0666
Sandra	0000,0004,0730					
Sendor	1047					
Sansui	0711	0320,0759 0760		0603	0686	
Sanwa		0756				
SAT 100			0371,0372,0488			
Satcom			0426,2026			
Saville		0757				
Sanyo	0004,0013,0028,0031,0033 0044,0057,0074,0119,0120 0121,0122,0123,0155,0162 0167,0170,0182,0195,0205 0711,0730,1024	0291,0314 0316,0339		0539,0604 0606	0681	
Satcom			0516,0520			
Sateco			0386,0426			
Satline			0523			
Satmaster			0476			
Satpartner			0426,0514,0521			

Radix			0409,0428,0430 0487			
Rainbow			0521			
Raite					0684	
Rank (UK)	0022					
RBM (UK)	0019,0022,0041,0047,0094 0097					
RCA	0204,0210,0211,0735,0746	0349	0450,0818,0835		0602,0661 0667	
RC-AK			0456			
RE			0386			
Realistic	0013					
REBOX			0518			
REC					0685	
Record	0001,0026,0169,0175,0711					
Redder	0001					
Rediffusion (UK)	0005,0041,0116,0745					
Redstar					0650	0670
Reflex	0191,0711					
REX	0011,0021,0032,0078,0079 0118	0273,0292 0319				
Revov	0026,0027,0711					
RFT	0005,0039,0155,0156,0254 1032,1046		0499,0511			
Rhapsody	0730					
Riz	0019					
RM (RM2200)			0860			
Roadstar	0019,0026,0033,0039,0159 0711,0731	0758			0685 0689	
Rosita	0033,1015					
ROTEL				0553,0582 0583		0584 (Tape)
Rover			0523			
Rowa	0033					
Royal Lux	0033,0039,0163,0169,0175 0219,0719,0740,0741,1015	0759				
RTG.(SpaceNet)			0846			
SAE				0553		
SAGEM	0717,0742		0500,0503,0805 2016,2028,2044 2058,2066			
Sainel	0019					

Blaupunkt	0010,0017,0018,0020 0054,0111,0231,0232 0233,0234,0235,0236 0241,1005	0272,0274 0275,0312 0369		0568		0569 (VHS)
Blausonic	0004					
BlueSky	0711,0719,0731,0738 0742,0744,1046	0757,0758 0760				
BlueStar	0005,0019					
Boca			0497,0506			
Bondstec	0151					
Bosch Bauer	0037,0232,0236,0722 1024,1025					
Boston	0155					
BPL	0026,0160,0162,0163 0711					
Brain		0373				

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Brandt	0000,0001,0004,0019,0037 0045,0047,0067,0070,0077 0100,0103,0117,0159,0224 0711,0722,0733,0735,0744 0746,1024,1025,1026,1027 1029,1036,1044		0372			
Braun	0096					
Brignton	0001,0004,0175					
Brinkmann	0711	0760				
Brionvega	0026,0104,0155,0164 0165,0197,0200,0201 0257,0711,1013	0276,0283				
Bristol	0155					
Britannia	0004,0730					
Broksonic	0026,0033					
Brother	1015					
Bruns	0158					
BSkyB			0880,0881			
BSR	0006,0018,0019,0021 0088					
BTC	0731					
Bush (UK)	0019,0022,0023,0047,0097 0262,0711,0731,0738,0744	0281,0755 0757,0760	0402,0515,2067 2070		0680,0685 0689	
Cabletime	0246,0247,0251					0524,0525 0526(CTV)
Cambridge			0371,0375			
CANAL+			0804,2058			
Canton	0039					

Capsonic	1015					
Carad	0711,0717					
Caravell					0622	
Carena	0711,0742					
Cascade	0711					
Casio	0711	0755				
Catha	0711					
CBM	0024					
CCE	0711					
Celint	0101					
Centurion	0711					
Century	0145,0146,0155					
Clarivox	0000,0001,0009,0019,0045 0155,0166,0167,0175,1000 1015,1029,1047					
Clatronic	0004,0019,0024,0026,0033 0037,0039,0096,0145,0146 0159,0163,0169,0170,0262 0705,0711,0731,1015					
Combitech		0757				
Concorde	0033					
Comet	0175					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
CommLink			0511			
Comsat			0821,2014			
Comtec			0511			
Condor	0024,0026,0033,0037,0096 0159,0169,0170,0175,0197 0711,0730,1015		0520			
CONIC	0724				0673	
Contec	0004,0016,0033,0044,0730					
Continental Edison	0733,0744					
Conrad			0520			
Cosat			0512			
Cosmel	0026,0033,0175,1000					
Cosmos	0159					
Country Man			0839			
Crosley	0024,0025,0057,0145,0155 0231,1005					
Crown	0019,0024,0026,0033,0039 0096,0142,0159,0169,0170 0254,0705,0711,0741,0744 1009	0759	0506			
Crystal	0026					

Profitronic	0041,0096,0175,0711,1032					
Progression	0033					
Proline	0019,0031,0187,0711,0746	0755				
Prontech	0019					
Prosat	0001		0405,0451,0479 0511,0523			
Prosonic	0026,0705,0711,0730	0755				
Protech	0026,0033,0159,0175,0254 0711,0738					
Protek			2022			
Proton				0553		
Provision	0175,0711		0514			
PSR			0858			
Ptt telcom			2026			
PYE	0711	0320				
Pygmy	0155					
Quadra Vision	0739					
Quadral			0511,0523			
Quartz			0314			
Quelle	0004,0005,0006,0007,0008 0009,0010,0011,0013,0015 0016,0018,0019,0023,0026 0027,0028,0031,0033,0043 0044,0045,0050,0051,0052 0054,0064,0069,0074,0078 0087,0088,0094,0097,0105 0110,0120,0126,0127,0139 0151,0153,0159,0170,0175 0187,0191,0197,0199,0221 0231,0232,0233,0234,0235 0236,0258,0711,0722,0724 0738,1004,1005,1008,1009 1011,1012,1013,1015,1030 1046,1049,1050	0272,0275 0278,0286 0298,0369	0371,0372,0383 0520			
Quasar	0006,0043,0045,0724,1032					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
R-Line	0711					
Radialva	0026,0711,0731	0758				
Radiola	0242,0711		0499			
Radiomarelli	0000,0015,0026,0033,0057 0155,0169,1032					
Radionette	0005,0013,0082,0221					
Radiotone	0033,0159,0175,0254,0705 0711,0740,1015			0549		

Protech	0026,0033,0159,0175,0254 0711,0738				
Protek		2022			
Proton			0553		
Provision	0175,0711		0514		
PSR		0858			
Ptt telcom		2026			
PYE	0711	0320			
Pygmy	0155				
Quadra Vision	0739				
Quadrail			0511,0523		
Quartz		0314			
Quelle	0004,0005,0006,0007,0008 0009,0010,0011,0013,0015 0016,0018,0019,0023,0026 0027,0028,0031,0033,0043 0044,0045,0050,0051,0052 0054,0064,0069,0074,0078 0087,0088,0094,0097,0105 0110,0120,0126,0127,0139 0151,0153,0159,0170,0175 0187,0191,0197,0199,0221 0231,0232,0233,0234,0235 0236,0258,0711,0722,0724 0738,1004,1005,1008,1009 1011,1012,1013,1015,1030 1046,1049,1050	0272,0275 0278,0286 0298,0369	0371,0372,0383 0520		
Quasar	0006,0043,0045,0724,1032				

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Portland	0026,0168					
Powerpoint	0744					
Prandoni-Prince	0000,0008,0032,0038,0041 0045,0057,0146,1032					
Praxis	0217					
Preisner		0497,0506				
Premier		0460,0802,2036 2062				
Premium X		2020				
Prima	0004,0033,0724,1015					
Primestat		0454				
Printz	0015,0026,1013					
Prinz		0755				
PRO2			2041,2045			
Profekt	0711					
Profex	0019,0023,0024,0026,0033 0097,0233	0759				

CS Electronics	0004,0039,0151,0730,0731				
CTC Clatronic	0096				
Curtis	0088,0175				
CyberLink		2063			
CyberMaxx		2041,2045			
Cybertron	0731				
Cyfra+		0804,0841			
Cymatic	0000,0004,0019				
Cytron		2041,2045			
Daewoo	0004,0033,0039,0159,0168 0172,0175,0209,0711,0730 0731	0757		0660 3013	
Dainichi	0004,0730,0731				
Dansai	0707,0711,0724,0730,1015	0281			
Dansette	0740				
Datcom		2005			
Dawa	0026,0711				
Daytron	0711				
Decca (UK)	0002,0004,0026,0028,0031 0258,0711	0278,0755 0760			
Degraaf	0047				
Demacolor	0024				
Denca				0665	
Deitron	0711				
Denon				0547	0564 (TUNE) 0566 (DECK)
Denver	0033,0175			0689	

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Denzel					0684	
Desay					0625	
Desmet	0002,0005,0019,0026 0033,0037,0155,0159 0711					
Diamant	0711	0758			0683	
Diamond						
Digenius			2041			
Digifusion			2043			
Digiline	0711					
Digio2			2052			
Digital			2006			
Dinasty	0033					
Disistrat			0424			

Disk Express			0373			
Distrisat			0499			
Dixi	0033,0156,0711					
DK-Digital						0677
DMT			0852			
DNT			0409,0424,0428 0430,0487,0499			
Domoh	0026					
Domus	0026					
Donatec			0373			
Doric	0041					
Drake			0376,0445,0446 0447,0495			
Dreambox			2030			
Drean	0711					
DSE (Digitor)	0026,0027,0033					
DSR			2003			
Dual	0004,0005,0011,0015 0019,0023,0026,0033 0052,0159,0255,0258 0711,0737,1013,1020	0273,0279 0755			0684	
Dual-Tec	0004,0011,0019,0029					
Dumont	0009,0013,0024,0155 0169,0221,1012,1032	0755				
Dunai	0019					
Durabrand			2037			
Dux	0159,0711					
D-Vision	0026					
Dynasat			0491,0492			
Dynatron	0711					
Echostar			0377,0378,0379 0386,0409,0411 0412,0457,0458 0461,0462,0486 0800,0821,0827 0862,0883,2007 2008			
Edan Line	0026					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
EH.Galaxy		0858				
Einhell		0497,0506,0511				
EISAT		0822				
Elbe	0000,0001,0004,0019 0026,0044,0171,0197 0711,0717,0731,1013	0313				

Pilot (1624Y)	0729 (PIP)					
Pilot (P1528Y)		0752				
Pilot (P1707Y)	0721					
Pilot (P3033)	0727					
Pilot (P3050)		0754				
Pilot (P4005)	0726					
Pilot (P567)	0728					
Pilot (P716)	0724					
Pioneer	0000,0005,0026,0027 0067,0159,0243,0711 0737,1024	0278,0320 0334,0336 0363,0364 0365	0474,0804,2034 2039	0545,0554 0555,0610	0571,0658	0658
Plantron	0057,0711					
Playsonic	0001,0004,0155					
Polestar	0214					
Polsat			0805,0883,2009 2017			
Poppy	0033					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Portland	0026,0168					
Powerpoint	0744					
Prandoni-Prince	0000,0008,0032,0038,0041 0045,0057,0146,1032					
Praxis	0217					
Preisner			0497,0506			
Premier			0460,0802,2036 2062			
Premium X			2020			
Prima	0004,0033,0724,1015					
Primestat			0454			
Printz	0015,0026,1013					
Prinz		0755				
PRO2			2041,2045			
Profekt	0711					
Profex	0019,0023,0024,0026,0033 0097,0233	0759				
Profitronic	0041,0096,0175,0711,1032					
Progression	0033					
Proline	0019,0031,0187,0711,0746	0755				
Prontech	0019					
Prosat	0001		0405,0451,0479 0511,0523			
Prosonic	0026,0705,0711,0730	0755				

Panasonic National	0001,0003,0019,0037 0040,0054,0082,0106 0110,0111,0112,0114 0155,0190,0212,0241 0711,0738,0745,1050	0274,0290 0312,0354	0473,0832,2032 2033,2062	0538	0573,0574 0629,0639	0639
Panama	0711,0730					
Panavision	0711,1015					
Panavox	0057					
Panda			0520			
Panorama	0004,1015					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Panoramic	1025					
Pansat			0455			
Paragon			0806			
Pardy Light Box			2065			
Pathe Cinema	0000,0001,0004,0019 0037,0730,0739,1029	0756				
Pausa	0033					
PCM	0026					
Penney		0313				
Pentax		0288				
Perdio	0711	0755				
Perfekt	0711					
Pershin	0045,0739,1029					
Philco	0019,0023,0024,0025 0026,0033,0044,0057 0145,0151,0155,0159 0169,0170,0231,0235 0711,1005					
Philex	0229					
Philharmonic	0004,0172					
Philips	0003,0004,0011,0015 0026,0027,0044,0046 0054,0073,0113,0115 0155,0159,0175,0191 0192,0193,0194,0223 0266,0230,0242,0711 0737,1010,1013,1020 1024,1031,1033,1043 1045,1046,1048	0278,0302 0334,0335 0336,0369	0402,0424,0425 0460,0477,0499 0507,0521,0803 0830,0831,0841 2028	0552,0553 0579,0604	0559,0675	0560(EQ) 0561(PIP) 0562 (TAPE) 0565 (TUNE) 0567 (DCC) 0675
Phoenix	0026,0057,0159,0711 0730					
Phonola	0026,0175,0730	0278,0335				
Phonotrend	0711		0511		0689	
Pilot (1621Y)		0753 (Video2)				

Electrosat			0870			
Electrovenda	0026					
Elekta	0033,0163,0175,1015		0514			
Elektron	0019					
Elektronica	0004,0026					
Elektronika	1009					
Elektrontech	0033					
Elektronska	0000,0019					
IND						
Elemis	0175					
ELG	0711					
Elan	0004					
Elbit	0026,0159					
Elin	0005,0011,0013,0033 0047,0087,0175,0221 0711,0730,0745					
Eltax	1015					3023
Elyxio						3000
Elite	0037,0039,0108,0711 0731,1005					
Elman	0000,0005,0019,0029 1032					
Elta	0019,0033,0097,0163 0730,1015		0386,0426,0499,0512			
Emanon			0426			
Emerson	0004,0009,0019,0024 0026,0037,0045,0096 0146,0155,0170,0172 0175,0262,0711,1012 1015	0286				
EMME ESSE			0463,0464,0465			
Encore						0688
Engel	0019					
Enzer						0684
Erres	0711					
ESC	0159,0711					
Estel	0019					
Etron	0005,0033,0711					
Eurocom	0019					
Eurofeel	0004					
Euroman	0004,0159,0175,0711 0730,0741,1009					
Europa	0711		0499			
Europhon	0000,0004,0019,0029 0030,0146,0711,1003 1032					



Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Eurosas			0386,0506			
Eurosky			0421,0497,0506,0520			
Euro Space			0850			
Eurostar	0057,0221		0465,0513,0520,0872			
Everest	0175					
Exator			0426,0521			
Expert	0005,0739,1047					
Exquisit	0711					
Fagor	0019,0711		0512			
Family Life	0711					
Fenner	0026,0033,0163,0168 0175,0193,0240					
Ferguson	0733,0735,0746	0755	2003		0679	
Fidelis	0004,0026,0033					
Fidelity (UK)	0003,0004,0015,0033 0034,0229,0262,0711 0724,0730	0755	0371,0372			
Filmnet	0202,0248,1046		0424			
Filsai	0004,0033					
Finlandia	0019,0047,0722,0745 1012	0755				
Finlux	0002,0004,0007,0008 0009,0013,0019,0024 0025,0026,0029,0031 0035,0045,0057,0087 0094,0096,0101,0105 0151,0159,0161,0169 0175,0197,0221,0711 1011,1012,1032	0278 0755	0414,0415			
Firstline	0001,0004,0005,0015 0019,0023,0026,0031 0033,0037,0145,0168 0175,0711,0730,0738 1046	0758 0760				
Fisher	0004,0013,0015,0025 0036,0044,0057,0074 0120,0155,0167,0170 0255,1020	0280 0314 0315 0316		0529 0546		
Flint	0159,0711,0731,0742					
F.M.			0386			
Force			0836			
Formenti	0000,0003,0004,0005 0006,0008,0019,0024 0025,0026,0033,0037 0038,0045,0057,0155 0159,0175,0730,1005 1015,1032					
Phoenix						

Orbit	0711					
Orbiter	0170					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Orion	0006,0015,0016,0026 0028,0039,0057,0086 0108,0109,0159,0187 0188,0189,0711,0724 0735,0740,1001,1003 1015,1046	0286,0322 0331,0332 0333,0360 0756,0757 0760			0686,3010	
Oritron					0683	
Online	0711,0731					
Ormond	0738					
Orson		0755				
Orsowe	0000					
Osaki	0016,0711,0731,0740 1015	0282,0755				
Osio	0043,0711					
Oso	0731					
Osume	0731					
Other Line	0000					
Otto Versand	0004,0005,0010,0015 0016,0018,0019,0025 0026,0027,0033,0037 0044,0047,0052,0054 0055,0057,0064,0074 0088,0097,0110,0111 0126,0127,0139,0151 0159,0175,0187,0191 0197,0254,0256,0262 0711,0722,1020,1046	0278,0285	0372,0516			
Pace			0384,0395,0400 0402,0485,0517 0804,0814,0815 2001,2019			
Pacific			2037		0676,0677 0678,0679	
Packard Bell			2063			
Pael	0003,0004,0008,0045 0730					
Palcom			0386			
Palladium	0197,0711	0271,0356 0756,0758	0421,0506			
Palsat			0423			
Palsonic	0711,0740	0755				
Panama	0004,0159,1015					
Panasat			0819,0863			

Newmar	0004,0019				
Newstar			2015		
New World	0731				
NewTech	0004,0026,0711,0737				
Nicamagic	0730				
Nikkai	0004,0142,0707,0711,0724,0730,0731,1013				
Nikko	0175,1000		0506		
Noblex	0033,0044,0120,0168,0711				
Nobilto	0003,0004,0008,0009,0024,0029,0045,0051,0096,0146,0730,1032	0272,0369			
NOKIA	0005,0013,0015,0019,0026,0033,0041,0045,0047,0074,0078,0082,0084,0087,0105,0159,0163,0168,0169,0170,0175,0177,0221,0720,0745,1005,1011,1012,1015		0502,0720,0807,2036		
NOOS			0500,0503,2009,2017		
Nording	0024				
Norfolk	0019				
Norm n	0159				
Norton	0163				
Norway	0023,0170				
Nova	0013				
Octal	0004				
Oggle			2051		
Ost			0372		
Osaki	0026,0175	0758			
Okano	0033,0159,0170,0711	0759,0760	0506		
Olympic			0511		
Omega	0262				
Onceas	0004,0033,0172				
On-Digital			0502,0815,2039		
Ondiola	0037				
Onkyo				0536,0537,0613,0614,0615,0616	0647,0653
Onwa	0039,0262,0731,1015				
Opera	0711				
Opentel			2016		
Optex			0386,2002		
Opticum			2006,2016		
Orange			0503,0509,2017		
Orava	0019,0026,0033		0424		

Fortec Star			0458,0808,0809,0846,0850,0851,0852,0853,0854,0856,0857,0859,0866,0867,0876,0878,0879		
Fortess	0155				
Fraba	0026,0159,0711				

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Fracarro			0380,0381			
Francarro			0426			
FranceTelecom	0266		0503			
FreeboxTV			0504,2068			
Freecom			0426			
Freesat			0426			
FreeView			0460,0510,0515,0517,0519,0522,2034,2035,2036,2037,2038,2042,2043,2044,2046,2069			
Frontech	0006,0033,0097,0145,0151,0172,0724,1015,0711,0741					
Friac						
Frontech	0004,0151	0759				
FTE			0386,0399			
Fuba			0373,0408,0413,0426			
Fujitect	0026					
Fujitsu	0004,0011,0039,0078,0096,0163,0724	0755				
Funai	0016,0033,0160,0740,1015,1022	0359,0755				
FUNK			2064			
Funtach			0823,0824			
Galaxis	0009,0024,0026,0096,0145,0159,0169,0170,0711	0755	0386,0511,0512			
Galaxys			0873			
Galeria	0033					
GBC	0000,0002,0004,0019,0025,0026,0031,0033,0039,0040,0041,0042,0044,0057,0163,0168,0172,0175,0262,0731	0281				
GE	0735					
Geant Casino	0005,0739					
Geber	0005					

GEC (UK)	0002,0004,0005,0024 0026,0031,0041,0042 0082,0711	0278				
Geloso	0000,0004,0019,00250 032,0033,0039,0041 0057,0149,0150,0168	0281				
General	0733,0743	0358				
General Corporation	0004,0044,0078					
General Technic	0033	0760				
Genexxa	0711,0731,0740					
Gericom			2059			
Giucar Record			0382,0416			
GMG	0033,0169,1015					
GMI			0506			
Goldhand	0004,0033,0730					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Goldstar	0003,0004,0011,0018 0019,0026,0033,0043 0080,0097,0145,0151 0153,0172,0175,0252 0700,0701,0711,0724 0730,1013,1015	0282,0755 0758			0633,0682	
Goodmans	0004,0019,0033,0039 0044,0119,0159,0168 0175,0262,0707,0711 0722,0735,0737,0744 1046	0301,0755 0758,0760	0515,2037			
Goodway			2053,2054			
Gorenje	0026,0039,0170,0173 0175,0741,1009					
GP	0004					
GPM	0033,0039,0724,0731 1015					
Gradiente	0711					
Graetz	0711					0684
Granada (UK)	0002,0004,0005,0026 0027,0041,0044,0045 0046,0047,0048,0049 0082,0105,0110,0111 0139,0159,0191,0711 0722,0735,0739,1012 1031	0272,0278 0283,0314 0369,0755 0758				

Mivar	0000,0003,0004,0043,0093 0094,0095,0245,0259,0730 0734					
MME		0217				
M.N.E.T.		0373				
Monyka						0684
Morgans	0711	0421,0476,0497 0499,0506,2012				
Motorola		2000				
Mosaic	0026					
MTC	0019,0027,0047,0170,0730					
Multisystem	0159					
Multitech	0000,0004,0019,0024,0026 0033,0039,0044,0057,0096 0097,0146,0163,0168,0170 0172,0175,0254,0711,0730 0738,1000,1015	0281,0325 0755,0759				
Murphy (UK)	0041,0730	0755				
Musikland	0731					
Mutek						0638 0638
NAD		0363				
Naiko	0711					
Nakimura	0711					
NEC	0028,0033,0037,0044,0168 0184,0711,0742	0273,0313 0320,0758	0422,0478,0493	0551		
Neckermann	0000,0004,0016,0018,0026 0027,0033,0037,0044,0047 0052,0054,0055,0082,0088 0097,0127,0145,0155,0159 0170,0175,0197,0199,0232 0234,0236,0711,1009,1013 1020,1046,1051	0270,0272 0273,0278 0285,0286 0369	0421			
N.E.I.	0019,0026,0039,0159,0166 0711,1000					
Neosat		0845				
Neotion Box		2007				
Nesco	0005,0151	0755,0757				
Netsat	0711					
Network		0394				
Neuf Telecom		0508				
Neuf TV		0508				
Neufunk	0711,0717					0684

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Neuhaus			0520			
Neusat			2013			

Lasat			0497,0506,0514 0520			
Lavis	0000,0001,0005,0013					
Lecson	0711,0718				0687	
Lemon			2021			
Lenco	0005,0013,0026,0033 0039,0097,0159,0168 0175,0183,0238,0239 0240,0711,1015,1032	0325 0355	0423,0426,0480 0481,0482	0060,0549 0594,0595 0596,0597 0598,0599 0600,0601	0689	0585,0586 0587,0588 0589,0590 0591,0592 0593
Lenoir	0004,0015,0026,0033 0163,0168,0175					
LEON			0499			
Lexus	0026,1015		0499			
Leyco	0016,0026,0031,0163 0705,0711,1015					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
LG	0026,0218,0711,0730	0755,0758			0682	
LIDCOM			0515			
Liesenkotter	0026,0159,0232,0711					
Lifesat			0516,2022			
Lifetec	0033,0039,0168,0175 0711,0731,0738,1015	0760	2041,2045			
Linton	1020					
Loewe Opta	0000,0002,0013,0027 0052,0054,0081,0155 0156,0189,0213,0242 0758,0711,1030	0272,0278 0369,0756 0758	0506			0675
Logic	0028,0185					
Logik	0028	0287,0322 0360,0756			0669	
Logix	0738					
Lorenzen			0520			
Love	0001					
Luma	0032,0041,0078,0082 0711,1013	0322				
Lumatron	0026,0711,1013					
Lux May	0711					
Luxor	0004,0005,0043,0045 0047,0055,0068,0070 0083,0084,0085,0086 0087,0105,0162,0177 0745,1011,1012	0285,0291	0384,0391,0392	0528		
M & B			0516			
M.D.C.	0175					

Grandin	0005,0019,0026,0037 0039,0082,0163,0705 0711,0717,0719,0731 0739,0742,1047	0755,0758	0496			
Great Wall	0253					
Gronic	0004,0019,0026,0096 0175					
Grothusen			0426			
Grundig	0003,0010,0012,0017 0018,0020,0045,0050 0051,0053,0054,0056 0094,0711,0744,1046	0272,0275 0284,0361 0369,0760	0383,0400,0402 0484,2035,2057		0655,0686 3019	0675 0680
GTT	0033,0169,0175					
Haitai					0548	
Halifax	0730					
Hampton	0004,0730					
Hanimex		0757				
Hanseatic	0000,0004,0005,0015 0019,0025,0026,0027 0033,0037,0039,0044 0052,0055,0057,0088 0097,0159,0175,0254 0258,0711	0278,0285 0758	0372,0516			
Hantarex	0000,0026,0033,0159 0711					
Hantor	0711		0426			
Hanuri			0514			
Hapo	0039					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Happy	0039					
Harman					0690	
Harwood	0711,0740					
Hauptpauge	0026,0711		0519			
H & B					0632,0635	
HCM	0004,0019,0033,0159 0711,0731,0740,1015	0759				
Heliocom			0520			
Hammermann	0004,0015,0057					
Hevet			2007			
Hexa	0019,1029					
Higashi	0004,0005,0006,0026 0028,0033,0039,0044 0159,0175,0724,1015					
Highline	0711					
Hikona	0731					

Hinari	0033,0044,0058,0059 0060,0711,0731,0744	0281,0286 0287,0317 0360,0756 0757,0759				
Hisawa	0019,0039,0731,0739 0742	0757				
Hisonix	0033					
Hirschmann			0415			
Hitachi	0004,0005,0040,0041 0042,0044,0047,0055 0061,0062,0063,0064 0065,0066,0067,0068 0082,0087,0105,0172 0174,0175,0221,0222 0710,0711,0724,0737 1024,1026,1027	0273,0281 0285,0288 0755,0756	0483,0828,0829 2037	0530	0684	
Hitsu	0039,0730,0742					
Hornophone	0711					
Horyzont	0019,0175					
Hoshai	0039,0163,0731,0742					
Hotel TV	0704					
HTS			0827			
Huanyu	0730					
Hughes			0828,0829			
Humax			0505,2004,2012 2046			
Huth			0421,0479,05060 511,0512,0520			
HWALIN			0816			
Hygashi	0730					
Hyper	0003,0004,0019,0026 0033,0039,0151,0153 0159,0175,0193,0254 0262,0724,0730,1015					
Hypson	0001,0004,0019,0026 0033,0175,0711,0739 0742,1015	0757				

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Iberia	0711					
Iberisao	0005,0019					
ICE	0004,0033,0039,0145 0262,0711,0730,0731 1015					
Ices	0730,0731					
Ics	0033					

Max			0520			
Maxell	0026,0033,0163,0724					
Maximal	0005,0058					
Maxon	0033					
Maxview					0670	
Maxwell	0000,0026,1032					
MB			0516			
Mediamarkt			0506			
Mediator	0711					
Medion	0175,0711,0738,1046	0757,0760	2041,2045			0677
Mega			0424,0499			
Megas	0717					
Meletronic	0255,0711,0730	0755,0758				
Melvox	0739					
Memorex	1015	0282,0314 0755,0758				
Memphis	1000					
Mercury	0711					
Metronic			0426,0496,0506 0507,0511,0514 0521			
Metz	0010,0018,0053,0054 0089,0090,0091,0155 0175,0180,0183	0272,0275 0294,0369 0370	0383			
MGA	0039					
Mico			2050			
Micormay		0760				
MicroTechnology			2014			
Micromaxx	0711,0738		2041,2045			
Micron	0004					
Microsat			0874			
Microstar			2041,2045			

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Microsoft X-BOX					0620	
Migros		0755				
MINA			0494			
Minerva	0010,0018,0045,0051,0053 0744	0272,0275 0369	0383,0400,0484			
Minoka	0711,0740					
Mission				0553		
Mitsubishi	0010,0028,0033,0044,0052 0092,0119,0154,0155,0181 0182,0711	0278,0281 0293,0320 0362,0751	0489		0662	
Mitsuri General	0023					

M Electronic	0005,0009,0013,0015 0018,0033,0105,0159 0168,0172,0175,0197 0221,0737,1011,1012 1020					
Macab			0420			
Mactech	0026,0039					
Macom			0444			
Madison	0711					
Magnadyne	0000,0015,0019,0025 0026,0029,0033,0041 0057,0147,0149,0150 0155,0169,1032					
Magnafon	0000,0003,0004,0008 0009,0015,0026,0029 0030,0033,0057,0159 0169,0730,1032					
Magnasonic	0175	0291				
Magnavox	0019,0191,0711		0477,0830,0831	0553,0576 0604	0571	
Magnum	0169					
MaligneTV			0503,0509			
Manesth	0004,0005,0006,0026 0037,0088,0142,0159 0707,0711					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Manhattan	0023,0169,0711,0738		0386,0512,0514		3011	
Manta						
Marantz	0006,0026,0027,0159 0711,1020	0272,0278 0301	0424,0499			
Marech	0037					
Mark	0711,0730					
Marmitek			0448			
Marmitek Octopus			2047			
Marquant		0759				
Marshall	0033,0039					
Mascot	0145					
Maspro			0388,0393,0402 0490			
Masuda	0731					
Match	0033					
Matsui	0004,0006,0015,0019 0028,0033,0041,0088 0097,0141,0175,0182 0262,0705,0707,0711 0735,0742,0744	0287,0322 0332,0755 0756,0757 0759,0760	0515,2037,2069		0683,068 6	

ICX			0417			
International						
ID Digital			2004			
IEG	0004					
Imperial	0019,0023,0024,0145 0146,0151,0159,0169 0170,0172,0231,0235 0711,1005,1015	0277,0289 0755				
Incobe	0004,0033					
Inddsit	1037					
Indiana	0711					
Info			2010			
Ingelen	0744					
Ingersoll	0033	0756				
Inkei					0541	
Inno Hit	0000,0004,0019,0023 0024,0031,0043,0060 0145,0146,0159,0175 0169,0170,0172,0235 0711,0731,1005,1015	0759				
INT	1015					
INTER (265)	0725					
Interburg	0033					
Interbuy	1015	0758				
Interfunk	0005,0026,0027,0040 0045,0046,0047,0052 0069,0070,0071,0073 0075,0082,0084,0145 0155,0159,0169,0170 0232,0234,0711,1025 1031	0278,0290				
Intertronic			0506			
Intervision	0004,0005,0019,0026 0096,0146,0159,0170 0172,0175,0711,0731 0742,0744,1015,1032	0755,0758 0760	0386,0512,0520 0523			
Intercord	1020					
Interstar			2011			
Irradio	0008,0019,0026,0033 0039,0043,0045,0060 0151,0153,0159,0175 0262,0254,0711,0724 0731,1015	0758				
Iskra	0000,0004,0019,0254 1032					
Isukai	0711,0731					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
IT	0723					
ITC	0004,0019					
ITL	0033					
ITS	0004,0033,0039,0262 0711,0730,0731,1015					
ITT-Nokia	0005,0032,0033,0040 0041,0045,0049,0069 0070,0071,0072,0074 0076,0162,0168,0176 0177,0717,0745	0270,0273 0276,0290 0291,0292 0316	0384,0385,0418			
ITV	0026,0711	0758				
Janco	0249,0250					
JBL				0623,0624		
JEC	0707					
Jeemon			0386			
Jerrold			0454,0417			
JET-Point	0159,0175					
JMB					0686	
Johansson			0387,0512			
Johnson	0004					
JVC	0044,0077,0119,0178 0179,0262,0731,1025	0270,0273 0292,0318 0319,0320 0321,0328	2037	0605	0664,3012 3022	
JSR			0386			
Kabel	0088					
Kaido	0097					
Kaiser	0026					
Kaisui	0004,0026,0033,0039 0163,0169,0711,0730 0731,0742,1015					
Kamp	0730					
Kansai	0111					
Karcher	0001,0004,0026,0033 0097,0159,0163,0175 0711,0717,0741,1009			0549		
Kardon					0690	
Kathrein	1046		0388,0389,0390, 0419,0424,0469 0499,0507,0521			
Kawasho	0262,0730					
Kambrook	0004,0026,0175,1015					
Kamosonic	0004					
Kapsch	0005,0013,0078,0082					

Kaya	0033					
Kendo	0004,0019,0033,0088 0096,0146,0175,0197 0711,0717,1013	0758 0760				
Kennedy	0011,0025,0057,0078 0079,0146,0155,0197 1013					
Kennex	0026					

Brand/Device	TV/TXT	VCR	SAT/TNT/Cable	HIFI/CD	LD/DVD	AUX
Kenwood			0804	0527,0531 0532,0533 0534,0590 0580	0572,0630 0663	
Kimay	1015					
Kingsely	0730					
Kiss					0684,3015	
Kitt	0004,0033,1015					
Kitten	0175					
Klarmax	0000,0001,0004,0019					
Kneissel	0004,0159,0197,0711 0717	07570 758 0760				
Koenig	0037,0057					
Kolon	0019					
Kolster	0001,0004,0019,0039 0096,0146,0172,0175 0711,1015					
KONIG	0027					
Konka	0039,0262,0711,0731					
Kontakt	0744					
Korpel	0711					
Korting	0026,0037,0155,0157 0170,0741					
Kosmos	0711					
Kotron	0740,1015					
KR			0521			
Kraking	0019					
Kronne	0004,0019					
Kuba Electronic	0015,0047,1020					
Kyoshu	0740					
Kyostar			0426,0521			
Kyoto	0004,0019					
LABGEAR			0522			
Laem sat			0386			