POWER PLUS

Ref no. 4028

UNIVERSAL
REMOTE CONTROL

OPERATE:
TV★VCR★CABLE/SATELLITE
AUX FOR CD/LD/TAPE

INSTRUCTION BOOKLET

• WORK WITH MOST MAJOR BRANDS
• EASY SET UP INSTRUCTIONS INSIDE

Right reserved to improve
Specifications without notify

USERS'MANUAL FOR
Ref no. 4028

I General Description

The universal remote controller of Ref no.4028 is a new model of multifunctional remote control for European Market.

It features:

1、7 Device Banks: TV1, TV2, VCR1, VCR2, SAT/CABLE, CABLE/SAT and AUX.

2、3 Operating Modes:Set-up Mode, Quick Search Mode, and Display Mode.

3、Transmission and Set-up Indicating LED.

Ⅱ Operating Process

1、Set Up Devices

According to the brand code in the attached Device Code List, find out the code of the device that you want to control. Then follow steps as bellow:

1)Press[SET]key and hold it ,Then press the device key that you want to control, such as[TV1], [TV2], [VCR1] or [AUX], etc.

2)The LED will be on at the moment, Release the pressed keys.

3)Enter the 3-digit Device Code.

4)If the entered Device code is correct, the LED will be off automatically. If the entered Code is in correct, the LED will blink twice and keeps being at setup mode (being on). then pls return to Step 3).

5)Try if keys on Remote Controller work or not. If most keys work improperly, please find other code in the same brand,repeat(1-5) till you

feel the main keys work well enough.

Note: In the process of setup, if you want to stop setup work, pls press device key .(If no key is pressed in 10 seconds, the remote controller will leave setup mode automatically.)

2、Quick Search

After you have set up several times the device you want to control, it still does not work (i.e. the device still cannot be controlled by Ref no.4028),or you cannot find the correct code in the Device Code List, you can use Quick Search function to find out the correct code. When Ref no.4028 has entered into Search Mode, the preset search direction is Forward Search, but you can use [SET] key to switch between Forward Search and Backward Search during search process.

1)Power on the device you want to control. If it's a VCR, it must be inserted with a tape.

2)Press and hold[SET]Key. In the meantime, press the Device Key that you want to control, such as [TV12#] , [VCR2] etc.

3)The LED will be on at the moment. Release the pressed keys.

4)Press the [SET] key again and release it. Now the Ref no.4028 unit enters into Quick Search Mode and the LED keeps flashing.

5)Point the Ref no.4028 unit to the device and press [POWER] key. If it's VCR/AUX,you can press either [POWER] key or [PLAY] key.See if the device work or not(power off or play).If the device works, turn to step 6). If not, repeat step5).

6)Then check if other keys such as

[CH+/-], [VOL+/-]...can function properly(i.e.if the device can be controlled. if not, return to step5).

7)Some devices react slowly to [POWER] signal. In search process, you can press [SET] key to switch between Forward/Backward Search to change search direction and find the right code quickly.

8)Whenever you want to leave Search Mode, press Device Key, and the LED will be off.

Note: In Search Mode, besides [POWER] key ([POWER] key and [PLAY] key in the case of VCR/AUX), all other keys can be checked function normally. That means you can test other Keys without leaving Search Mode. The Ref no.4028 unit will leave Search Mode if no key is pressed for 30 seconds.

3.Auto Search

1)Power on the device you want to control, If it is a VCR, it must be inserted with a tape.

2)Press and hold [SET] key. In the meantime, press and hold [POWER] key for more than 3 seconds and the auto search will begin.

3)Press any key to exit.

4、Brand Code Display

The control Code is a 3-digit number and the Ref no.4028 unit can make all the 3 digits display.

1)Press and hold the [SET] key, in the meantime press the digit that you want to display, such as 1,2 or 3.

2)Release the [SET] key.

3)Count the time the LED blinks, and the blinking time is the digit. If there is no blink, the digit is zero.

5、Remarks:

Please do not press any keys when replacing batteries to avoid missing set-up data.

TV/TXT Codes

Accend	0711	Brinkmann	0711
ACE	0713	Brionvega	0194,0155,0164,0165,0200,0201
Admiral	0052,0155,1011		0257,0711,1011
Adyson	0730	Britannia	0730
Agashi	0730	Bruns	0159
Aiko	0707,0711,0730	BSR	0016,0019,0021
Aim	0711	Bush(UK)	0022,0711,0730
Aino	0261	Cabletime	0246,0247,0251
Akai	0065,0159,0160,0707,0711,0730	Carad	0717
	0731,0745,1028	Carrera	0742
Akiba	0711,0731,0742	Century	0145,0146,0155
Akito	0711	CGE	0019,0023,0024,0145,0151,0168
Akura	0711,0731,0738,0740		0170,0231,1004
Alaron	0730	CGM	0093
Alba	0705,0711,0730,0731,0738,0744	Chaparral	0216
Allorgi	0001	Clarivox	0001,0166,0167
Allstar	0711	Clatronic	0705,0711
Amplivision	0739	CODAM	0130
Amstrad	0006,0711,0731,0740,1011	Condor	0711,0730
Anam	0711	Contec	0023,0149,0730
Anam National	0711	Continental	0733,0744
Anitech	0711	Edison	
Ansonic	0711	Crosley	0034,0035,0145,0155,0231,1004
Aristona	0711	Crown	0705,0711,0741,0744,1080
Asuka	0730	CS Electronics	0730
Atlantic	0711,0730	CTC Clatronic	0096
Auchan	0738	Daewoo	0160,0209,0711,0730
Audiosonic	0165,0711,0731	Daimichi	0730
Ausind	0008	Dansai	0707,0711,0730
Autovox	0004,0007,0012,0014,0015,0076	Dansette	0740
	0079,0154,0153	Dansai	0707,0711,0730
AWA	0028,0027,0033,0159,0160,0199	Dansette	0740
	0228,0176,0708,0709,0711,0714	Dantax	0730,0745
Baird	0163,0737	Dantax	0730,0745
Basic Line	0163,0711	DSE (Digitor)	0026,0027,0033
Bauer	0711,1027	Decca(UK)	0002,0004,0026,0028,0031,0258
BEKO	0178,0228,0711,0719,1010,1024		0711
BEST	0741	Dual	0255,0259,0711,0737,1011,1017
Blaupunkt	0010,0017,0018,0028,0054,0231	Dual-Tec	0004,0011,0019,0029
	0232,0233,0234,0256,0241,1004	Dumont	0155,1010,1023
Blue Sky	0711,0719,0738,0742,0744	Elbe	0711,0712,0731,0741
BPL	0026,0168,0162,0163,0711	Elekta	0711,1023
Brandt	0733,0735,0746	Elektronika	1008
		Elin	0730,0745
		Elite	0160,0711,1004
		Elman	0019,0020,1023
		Elta	0739
		Emerson	0146,0155,0711,1010
		Europhon	0711,0730,0741,1080
		Europa	0711
		Europhon	0000,0004,0010,0029,0030,0146
			0711,1023
		Expert	0739
		Fenner	0053,0193,0240
		Ferguson	0723,0735,0746
		Fidelity(UK)	0003,0018,0229,0711,0730
		Filmnet	0202,0248
		Finlandia	0745,1010
		Finlux	0007,0008,0009,0013,0025,0026
			0029,0035,0094,0161,0169,0221
			0711,1010,1023
		Firstline	0715,0730,0738
		Fisher	0025,0155,0156,0157,0178,0255
			1017
		Flint	0742
		Formenti	0003,0006,0025,0037,0038,0159
		Phoenix	0736,1004,1023
		France	0206
		Telecom	
		Friac	0741
		Funai	0016,0160,1019
		Galaxis	0711
		GBC	0002,0004,0019,0025,0028,0031
			0033,0039,0040,0041,0042
		Geant Casino	0739
		GEC(UK)	0011
		Geloso	0004,0010,0025,0032,0033,0039
			0148,0150
		General	0733,0743
		Genoxxa	0740
		Goldhand	0730
		Goldstar	0003,0004,0043,0083,0153,0172
			0252,0700,0711,0731,1010
		Goodmans	0119,0711,0731,0737,0744
		Gorenje	0178,0727,0741,1008
		Granada(UK)	0002,0004,0027,0041,0044,0045
			0046,0047,0048,0049,0711,0735
			0736,1010
		Grandin	0166,0711,0731
		Graetz	0711
		Grundig	0003,0010,0015,0020,0045,0050
			0051,0053,0054,0056,0064,0711
			0744
		Halifax	0730
		Hampton	0730
		Hanseatic	0025,0027,0037,0044,0052,0055
			0258,0711
		Hantarex	0006,0711
		Harwood	0740
		Hauppauge	0026,0711
		HCM	0740
		Hemmermann	0057
		Hinari	0033,0044,0058,0059,0068,0711
			0744
		Hisawa	0728,0742
		Hitachi	0004,0040,0041,0042,0044,0047
			0055,0091,0092,0063,0064,0065
			0066,0067,0068,0174,0221,0222
			0718,0711,0737
		Hitsu	0742
		Hoshai	0742
		Hotel TV	0704
		Huanyu	0738
		Hygashi	0738
		Hyper	0003,0004,0033,0153,0193,0730
		Hypson	0738,0742
		ICE	0730
		Ices	0738
		Imperial	0019,0023,0024,0145,0151,0168
			0178,0231,0711,1004
		Ingelen	0717,0744
		Inno Hit	0000,0004,0031,0043,0060,0146
			0175,0711,1004
		INTER (ZBS)	0725
		Intercord	1017
		Interfunk	0005,0027,0040,0045,0046,0052
			0069,0070,0071,0073,0075,0155
			0711
		Intervision	0711,0742,0744,1023
		Irradio	0008,0039,0043,0069,0153,0262
			0725
		Iskra	1023
		IT	0723
		ITS	0738
		ITT-Nokia	0005,0032,0033,0040,0041,0045
			0048,0060,0070,0071,0072,0074
			0076,0162,0168,0170,0177,0717
		Itela-Elbi	1011
		Kawasho	1008
		Kendo	0148,0711,0717,1011
		Kennedy	0025,0078,0079,1011
		Kingsley	0738
		Kneissel	0711,0717
		KONG	0027
		Konka	0711
		Kontakt	0744
		Korting	0037,0155,0157,0741
		Kotron	0748
		Kuba	1017

Kyoshu	0740	Neufunk	0711,0717
Lenco	0033,0039,0183,0238,0239,0240	New Tech	0737
	0711,1023	Nicamagic	0730
Lacson	0711,0710	Nikkai	0701,0730
Lenoir	0684	Nobliko	0003,0008,0029,0051,0148,0730
Leyco	0705,0711		1023
LG	0711,0730	NOKIA	0720,0745,1004,1010
Lifetec	0711,0730	Nordmende	0065,0067,0075,0090,0099,0100
Linton	1017		0101,0102,0103,0104,0134,0185
Lowe Opta	0052,0081,0155,0156,0195,0213		0196,0232,0711,0733,0737,1003
	0242,1022		1036
Logik	0030	Oceanic(F)	0005,0040,0105,0106,0107,0739
Logix	0739	Okano	0711
Luma	0032,0082,0711,1011	Onceas	0004
Lumatron	1011	Orion	0006,0016,0026,0057,0088,0168
Luxor	0005,0045,0047,0055,0058,0083		0169,0187,0188,0189,0711,0735
	0084,0085,0086,0087,0102,0177		0740,1001
	0745,1010	Ormond	0738
Magnadyne	0000,0018,0025,0029,0057,0147	Osaki	0711,0740
	0149,0150,0155,1023	Otto Versand	0025,0027,0044,0052,0055,0711
Magnafon	0000,0063,0088,0029,0036,0730		1017
	1023	Pael	0003,0008,0730
Manesth	0707	Palladium	0187,0711
Manhattan	0730	Palsonic	0711,0740
Marantz	0026,0027,1017	Panama	0730
Mark	0730	Panasonic	0001,0003,0019,0037,0040,0106
Matsui	0004,0006,0028,0041,0068,0182	(National	0110,0111,0112,0114,0190,0212
	0705,0707,0735,0742,0744		0241,0711,0740,1036
Maximal	0055	Pathe Cinema	0730,0739
Maxwell	1023	Pershin	0739
Medion	0738	Philco	0019,0023,0024,0025,0151,0155
Megas	0717		0168,0170,0231,0711,1004
Melectronic	0255,0711,0730,0737,1010,1017	Philips	0001,0026,0027,0046,0073,0113
Melvox	0739		0115,0155,0191,0192,0193,0194
Metz	0018,0053,0089,0090,0091,0155		0221,0206,0230,0242,0265,0711
	0180,0183		0737,1009,1011,1017,1024,1033
Micromaxx	0738	Phoenix	1034
Minerva	0010,0018,0045,0051,0053,0744	Phonola	0175,0711,0736
Minoka	0740	Pilot (YUGO)	0728 (PIP)
Mitsubishi	0044,0052,0092,0119,0154,0155	Pilot (PYTOY)	0721
	0181,0182,0711	Pilot (PYKO3)	0727
Mivar	0000,0063,0083,0094,0095,0245	Pilot (PA005)	0726
	0259,0730,0734	Pilot (PS67)	0728
Morgans	0711	Pilot (PA006)	0726
MTC	0730	Pilot (PA007)	0724
Multisystem	0159	Pilot (PF16)	0724
Multitec	0738	Pioneer	0006,0027,0067,0243,0711,0737
Multitech	0096,0170,0172,0711,0739	Polestar	0214
Murphy(UK)	0041,0739	Powerpoint	0744
NEC	0184,0711,0742	Prandoni-Prince	0008,0032,0146,1023
Neckermann	0004,0026,0044,0055,0082,0097	Praxis	0217
	0170,0711,1008,1011,1017,1023	Profitronic	1023
N.E.I.	0160,0711	Proline	0746

Prosat	0001	SEI- Sinudyne	1001,1011,1023
Presonic	0706,0711,0730,0738	Seleco	0011,0058,0078,1011
Protech	0738	Sentra	0707
Provision	0711	Serino	0711,0742
PYE	0711	Sharp	0044,0054,0119,0134,0196,0198
Quadra Vision	0739		0225,0227
Quasar	1023		0033
Quelle	0004,0005,0007,0008,0009,0010	SHOV	0000,0025,0028,0155,1023
	0011,0016,0020,0027,0028,0045	Siarm	0001
	0050,0051,0052,0083,0094,0153	Sicatel	0011,0012,0232,0233,0234,0236
	0221,0231,0232,0234,0235,0236	Siemens	0010,0211,0212,0213,0214,0236
	0711,0738,1003,1004,1007,1008		0711,1004
	1010,1011,1022,1035,1036	Siesta	0254
Radiola	0242,0711	Silva	0730
Radiomarelli	1023	Silver	0160,0711
Radiotone	0706,0740	Singer	0025,0029,0147,0148,0155,0711
Rank(UK)	0022		0739,1023
RBM(UK)	0022,0094	Sinudyne	0000,0016,0025,0026,0029,0057
RCA	0004,0210,0211,0746		0109,0153,0155,0192,0197,0711
Rediffusion(UK)	0000,0041,0116,0745	Skysonic	0718
Red Star	0711	Solavox	0745
REX	0011,0021,0032,0070,0079,0110	Sonolor	0739
RFT	1023	Sony	0020,0110,0135,0137,0138,0139
Rhapsody	0739		0130,0142,0199,0226,0260
Roadstar	0028	Stern	0076
Royal Lux	0740,0741	Sunkai	0742,0744,1001
SABA	0000,0005,0067,0075,0085,0098	Sunstar	0705
	0099,0100,0103,0117,0155,0165	Superla	0730
	0166,0222,0224,0733,0735,0737	Supertech	0730
	0746,0748,1032	Susuma	0735
Sagem	0717,0742	Sydney	0730
Saisho	0004,0095,0020,0088,0182,0244	Sytong	0730
Salora	0005,0047,0049,0055,0066,0068	Tai Wah	0210,0219
	0069,0070,0082,0086,0097,0162	Tandberg	0016,0180,0266,1011
	0177,0195,0240,0250,0267,0268	Tashiko	0730
	0746,1010	Tatung	0002,0004,0026,0028,0031,0131
Sambers	0000,0004,0099,0029,0030,0043	Teac	0712,0740,0742
	1023	Teknika	0740
Samsung	0026,0033,0043,0159,0160,0170	TEC	0735,0743,1011
	0175,0212,0215,0264,0702,0703	Tech Line	0730
	0711,0716,0730,1000,1015,1016	Technics	1036
	1020,1031	Technovision	0263
Sandra	0738	Tele +1	0240
Sansui	0711	Telavia	0186,0733
Sanyo	0011,0031,0044,0074,0119,0120	Telefunken	0067,0075,0088,0132,0133,0134
	0121,0122,0123,0162,0167,0170		0135,0140,0155,0156,0231,0233
	0182,0185,0203,0711,0730		0733,0735,0737,0745,0746,1003
	0738,0739,0740,0744,1023		1004,1026,1032
Schneider	0004,0011,0015,0016,0025,0026	Teleservice	0203,0246
	0036,0038,0235,0258,0262,0711	Teletech	0738
	0737,0738,1011,1017,1023,1028	Televideon	0730
	1030	Televiso	0739
SEG	0006,0711,0730,0738,0744		

VCR Codes

Aiwa	0256	Goldstar	0282
Akai	0269,0270,0271(281,0309,0310	Goodmans	0301,0256
	0357	Granada(UK)	0272,0278,0283,0314,0369
Alba	0256	Grundig	0272,0275,0284,0256,0361,0369
Anitech	0311	Hanseatic	0273,0285
ASA	0282	Hinari	0281,0266,0267,0317,0360
Baird	0271,0273	Hitachi	0271,0281,0265,0268
Blaupunkt	0272,0274,0275,0312,0359	Imperial	0277,0269
Blue Sky	0256	Interfunk	0278,0266
Brinkmann	0256	Intervision	0256
Brionvega	0276,0283	ITT-Nokia	0270,0273,0276,0256,0291,0292
Bush(UK)	0281,0256		0316
CGE	0270,0277	JVC	0271,0273,0292,0318,0319,0320
COM	0291		0321,0328
Decca(UK)	0278,0256	Kendo	0256
Dual	0273,0279	Kneissel	0256
Elbe	0313	Lenco	0325,0255
Emerson	0266	Lifetec	0256
Finlux	0279	Lowe Opta	0272,0278,0369
Firstline	0256	Logik	0267,0322,0308
Fisher	0266,0314,0315,0316	Luma	0322
Funai	0359	Luxor	0285,0251
GBC	0281	Magnasonic	0291
GEC(UK)	0278	Marantz	0272,0276,0301
Geloso	0291	Matsui	0287,0322,0332,0356
General	0256	Medion	0256
General	0256	Memorex	0282,0314
Technic		Metz	0272,0275,0294,0369,0370

Micromaxy	0256	Samsung	0289
Minerva	0272,0275,0369	Sansui	0320,0256
Mitsubishi	0274,0281,0293,0320,0362,0751	Sanyo	0291,0314,0316,0339
Multitech	0281,0325	Schneider	0270,0281,0289
NAD	0363	Sears	0315
NEC	0273,0313,0328	SEG	0291,0289
Neckermann	0270,0272,0273,0285,0286	Seleco	0369
	0369	Senta	0277
Nobliko	0272,0369	Sharp	0281,0362,0341
Nordmende	0270,0273,0279,0292,0295,0296	Siemens	0001,0020,0025,0029,0030,0057
	0297,0316,0319,0321,0323,0324		0734,1023
	0326,0327,0328,0329,0330	Silvercrest	0279,0287
Okano	0256	Sinudyne	0279,0287
Orion	0266,0322,0331,0332,0333,0336	Sony	0266,0299,0340,0342,0343,0344
	0369		0347,0759
Osaki	0282	Tandberg	0322
Otto Versand	0278,0285	Tatung	0278,0256
Palladium	0271,0281	Technisat	0256
Panasonic	0274,0298,0312,0364	Telefunken	0270,0273,0279,0292,0318,0319
(National			0321,0323,0336,0345,0346,0347
Penney	0313	Telemeister	0359
Pentax	0288	Tevion	0256
Philips	0278,0302,0334,0335,0358,0369	Thomson	0270,0273,0279,0292,0318,0323
Phonola	0278,0335		0334,0328
Pilot (YU5)	0753 (Video2)	Thorn-Ferguson	0270,0272,0300,0303,0304,0305
Pilot (PYU5)	0752		0306,0308,0319,0328,0338,0348
Pilot (PS69)	0754	Topline	0256
Pioneer	0278,0328,0334,0336,0363,0364	Toshiba	0273,0292,0307
	0365	Uher	0272,0289
PYE	0328	Ultravox	0276
Quartz	0314	Universum	0256
Quelle	0272,0275,0278,0286,0298,0369	Vector	0313
RCA	0349	Victor	0310,0320,0366
REX	0271,0292,0319	Video	0313
SABA	0278,0273,0279,0292,0295,0318	White	0276,0283
	0319,0321,0328,0337,0338	Westinghouse	
Saisho	0286,0287,0322,0332,0356,0360	Xenon	0322
Salora	0283,0285,0314	Others	0350,0351,0352,0353

SAT/DSS Codes

AB	0812	Amstrad	0371,0372,0406,0408,0497,0515
Aegir	0514		2014
Akai	0499	Ankaro	0373,0511
Alba	0407,0522	Anttron	0522
Aldes	0511,0514	Apollo	0402
Alfa Gold	0810,0811	Arion	0510,2003
Allsat	0499,0512	Armstrong	0499
Allsonic	0511	Asat	0499
AlphaStar	0499,0626	Aston	0498
Amstar	0847	Astra	0372,0499,0498,0528

Astro	0502,0514,0522	Fracarro	0398,0391
ASTRX	0840,0842(843,0846	Freecom	0426
Audiotton	0512,0522	FTE	0399
Aura	0436,0497	Fuba	0413
Bancom	0373	Funtech	0822,0824
Benjamin	0468	Galaxis	0511,0512
BEST	0453	Galaxys	0873
Bigsat	2013	Glucer Record	0302,0416
Boca	0457	GMI	0521,2810,2830,2831,2832,2833
BSkyB	0808		2834
Bush(UK)	0402	Grandin	0496
Cambridge	0375	Grey	2803
CANAL+	0804	Grundig	0303,0400,0402,0494
Chaparral	0216,0374,0410	Hanseatic	0516
Citycom	0507	Hanuri	0514
CNT	0514	Hellocom	0520
Commlink	0511	Hirell	2007
Contec	0511	Hirschmann	0415
Condor	0526	Hitachi	0483,0828,0829
Conrad	0526	HTS	0827
Coral	0512	Hughes	0828,0829
Daicom	2805	Humax	0505,2804,2812
Digital	2806	Hutt	0421,0479,0511,0512,0520
Distrisat	0499	HWALIN	0816
DNT	2013	ICE	0417
DNT	0409,0426,0430,0497,0499	International	
Drake	0376,0405(446,0407(495	ID Digital	2004
DSR	2803	Info	2010
Dynasat	0491,0492	Interstar	2011
Echostar	0377,0378(379,0396,0400,0411	Intervision	0512,0520,0523
	0412,0457(458,0461,0462,0486	ITT-Nokia	0384,0385,0418
	0800,0827,0855,0862,2009	Joemax	0366
EH.Galaxy	0858	Jerrold	0404
Eisbell	0407,0511	Johansson	0307,0512
ESAT	0822	JSR	0386
Electrosat	0870	Kathrein	0388,0389,0396,0419,0468,0499
Elekta	0514		0507,0522
Elta	0499,0512	KR	0522
EMME ESSE	0463,0464,0465	Kyostar	0522
Europa	0499	Lasat	0407,0514,0520
Eurosky	0421,0497,0520	Lemon	0503
Euro Space	0858	Lenco	0423,0426,0498,0481,0482
Eurostar	0465,0513,0520,0872	Lexus	0499
Exator	0522	Life Sat	0504,0516
Fagor	0512	Lorenzen	0497,0520
Ferguson	2803	Luxor	0394,0391,0392
Finlux	0414,0415	Macab	0420
Force	0836	Macom	0444
Fortec Star	0458,0808,0809,0846,0850,0851	Magnavox	0477,0830,0831
	0852,0853,0854,0856,0857,0859	Manhattan	0512,0514
	0866,0867,0870,0878,0879	Marantz	0499

Maspro	0280,0393,0402,0496	Provision	0514
Max	0520	PSR	0858
M & B	0516	PTT_TELCOM	0515
Mega	0499	Quadral	0511,0523
Metronic	0496,0507,0511,0514,352	Quelle	0383,0520
Metz	0383	Radiola	0499
Microsat	0874	Radix	0499,0420,0430,0487
MMA	0494	Rainbow	0522
Minerva	0383,0400,0494	RCA	0430,0810,0835
Mitsubishi	0480	RC-AK	0458
MME	0217	RFT	0499,0511
Morgans	0421,0497,0499,0512,20	RM(RM2200)	0860
Motorola	2000	Rover	0523
NEC	0422,0470,0493	RTG(SpaceNet)	0646
Neckermann	0421	SABA	0514,0520
Neosat	0845	Sagem	0518
Neotion Box	2007	Salora	0397,0398
Network	0394	Salora	0391,0410
Neuhaus	0520	Samsung	0459,0475,0476,0801,0877
Neusat	2013	SAT 100	0372,0488
New Star	2015	Satco	0426
NOKIA	0382,0720,0897	Satcom	0515,0516,0520
Nordmende	0514	Satline	0523
Obritech	0426	Satpartner	0514,0522
Octagon	0522	Schacke	0522
Openfox	2013	Schwaiger	0516
Opentel	2016	Scientific	0452
Optex	0512	Atlanta	
Opticum	2006,2016	SEG	0516
Pace	0394,0395,0400,0402,0405,0506	Seleco	0512
	0514,0515,2001	SET	0825,0837,0838,0839
Palcom	0396	Siemens	0383
Palladium	0421	Signa	2007
Palsat	0423	Signal	0456,0859,0855
Panasat	0819,0863	Sintrack	0427
Panasonic	0473,0832	Skardin	0821,2002
National		Sky Box	2007
Panda	0520	Sky Digital	0868,0881
Pansat	0455	Skymaster	0479,0511,0513,0516,0517,0523
Philips	0402,0424,0425,0460,0477,0499		0525,0882,0883
	0507,0510,0522,0803,0830,0831	Skymax	0499
	2001	Skyvision	0512
Phoenixtrend	0511,0512	SL	0497
Pioneer	0474	Sony	0472,0834
Polsat	2009,2017	Star	0458,0479,0802,0846,0848,0871
Preisner	0497		0872,0873
Premier	0862	Strong	0399,0423,0426,0480,0492,0508
Premium X	0501		0514,0522,0864,0865,0868
Primestal	0454	STS	0393
Prosat	0465,0451,0479,0511,0523	STV	0413
Protek	0504	Sun Moon Star	0813
		Sunstar	0497

Super Max	0846,0848,0849,0850	Triumph	0506
Supex	0858,0862,0869	Trwam	2005
Tadiran	0817	Unbranded	0481
Tagra	0512	Unden	0403,0404,0496,0443,0835,0838
Tantec	0396	United	0499
Technisat	0406,0426,0429,0430,0431,0487	United Satellite	0440
	0488,2010	Universum	0526
Technosat	0263,0467,0832,0869	US Electronics	0417
Technowelt	0520	Vector	0430,0487
Tedelex	0466	Ventana	0499
Telefunken	0471	Viewstar	0477
Telemaster	0514	Vision	0519
Telesat	0522	Vortec	0499,0891,0855
Telecom	0884	Vortic Star	0801
Teletex	0522	Vtech	0434,0597
Telemaster	0514	Wela	0487
Telemax	0432	Weltekom	0516
Telemeister	0398,0409,0428,0430,0469,0487	Winer	0880,0387,0449,0844
Teletech	0913	Wintergarten	0511
Televiso	0512	WISI	0400,0420,0435,0436,0437,0438
Thomson	0520,2009,2017		0439
Thorn-Ferguson	0394,0395,0400,0401,0402,0433	Woorisat	0514
	0485	XSAT	0500
Tokai	0499	Zehnder	0396,0507,0514
Tonna	0512	Zenith	0441,0444,0445,0446,0447
Topfield	0509	Zinwell	0821
Toshiba	0442,0444,0506,0833	Zodiac	0522
TPS	0885	Others	0420,0891

CABLE Codes

ABC	0452	Paragon	0896
Jerrold	0417	TADA	0448

HiFi Codes

Blaupunkt	0568	Pioneer	0545
Fisher	0529	Sanyo	0539
Hitachi	0530	Sharp	0531
Kenwood	0527,0531,0532,0533,0534	Sherwood	0540,0541,0577,0579
Lenco	0506,0507,0508,0509,0600	Skantin	0544
	0601	Sony	0617
Nordmende	0535,0549	Technics	0542
Onkyo	0538,0537	Yamaha	0543,0544
Panasonic	0538		
National			

CD Codes

Aiwa	0581	Philips	0552,0553,0570,0604
ATLE	0579	Pioneer	0554,0555,0610
Denon	0547	Proton	0553
Fisher	0546	Radiotone	0540
Hitsi	0548	ROTEL	0553,0582,0583
Inkei	0541	SAE	0553
JBL	0623,0624	Sansui	0603
JVC	0605	Sanyo	0604,0606
Karcher	0549	Sharp	0550,0566
Kenwood	0550,0588	Sony	0556,0557,0575,0607
Lenco	0000,0549,0595,0596,0597,0598	Sylvania	0553,0604
	0599,0590,0591,0592,0593,0594	Teac	0608,0611
Magnavox	0553,0576,0604	Technics	0550,0609
Mission	0553	Victor	0605
NEC	0551	Yamaha	0612
Onkyo	0613,0614,0615,0616		

LD/DVD Codes

Aiwey	0698	Elysio	0800
Aiwa	0620,0649	Encore	0688
Alba	0680	Enzer	0694
AMC	0643	Ferguson	0678
APEX	0672	Goldstar	0633,0632
Arianet	0654	Grundig	0655,0686
ATLM	0627,0671	Harman/Kardon	0690
BBK	0303,3004,3005,3006,3007,3008	Hitachi	0634
	3009	JMB	0686
Bentley	0635	JVC	0636,0694,3012
BSkyB