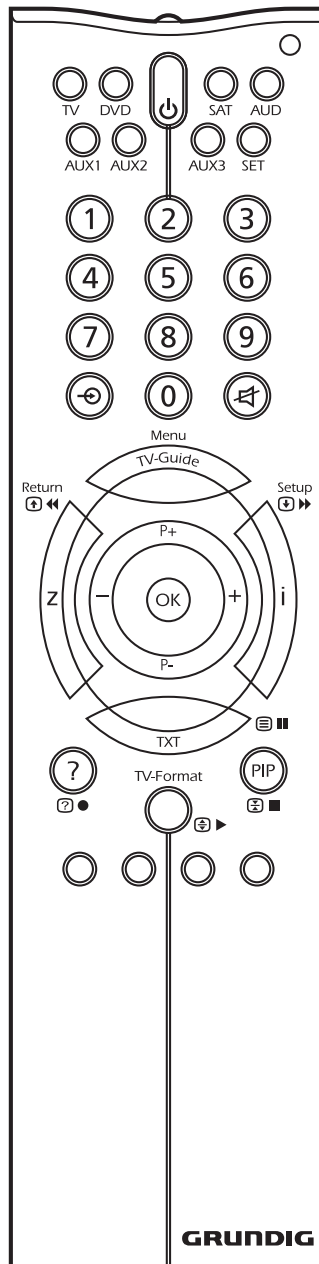
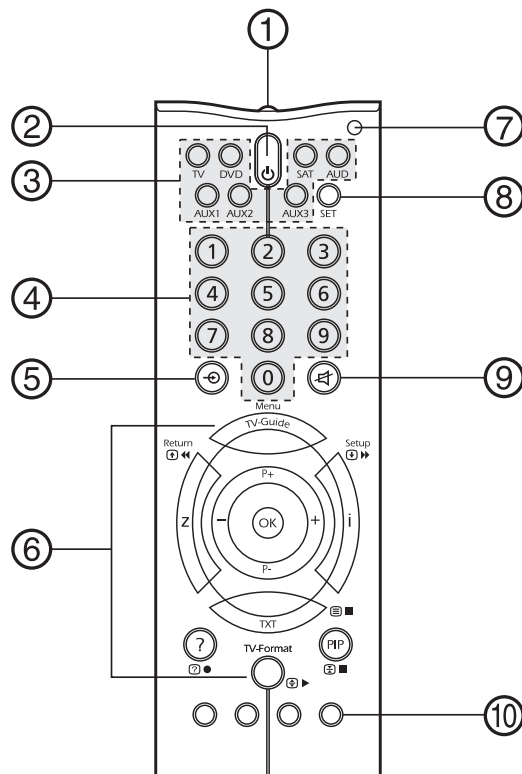


GRUNDIG



RC-7-1

7-in-1 Universal Remote Control Instruction Manual



1. IR Transmitter
2. POWER Key
3. Device Keys
4. Number Keys
5. TV/AV Key
6. Video Recorder Keys
7. LED indicator
8. SET-UP Key
9. Mute Key
10. Fasttext Keys

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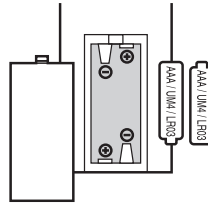
2

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Thank you for purchasing the **RC-7-1** universal remote control. Before you can use your new remote, you will need to program it to operate the specific A/V home entertainment equipment you wish to control. Simply enter proper device codes for your equipment and it is ready to use.

• BATTERY INSTALLATION / CHANGE

1. On the back of the **RC-7-1**, pull the battery compartment cover.
2. Insert two (2) AAA new **Alkaline** batteries.
3. Match the (+) and (-) poles correctly aligned into the battery compartment.
4. Close the battery compartment.

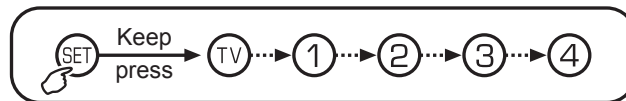


NOTE: Removing the batteries for more than 2 minutes will require you to reprogram your remote.

• SETTING UP BY DIRECT ENTRY

To program your **RC-7-1** to operate your TV:

1. Turn on your TV.
2. Press & hold the **SET** key and press the **TV** key once. At this time, the red LED light will light up.
3. Release the **SET** key and **TV** key.
4. Enter the 4-Digit TV code from the code list for your brand equipment. If you perform this procedure correctly, the red LED light will go out. Otherwise, the red LED flashes 2 times.



5. Aim the **RC-7-1** at your TV and press **⏻** key. Your TV should turn off. If none of the keys or only some of the keys operate your TV, repeat Steps 2-4, trying each code listed for your brand until you find the one that operates your TV.
6. Your **RC-7-1** is now programmed to operate your TV. Write down your TV code on the label at the back of the **RC-7-1** for future reference.
7. To program other equipment, repeat the Steps 1-6 for your DVD, SAT, AUDIO and or your second TV or DVD.

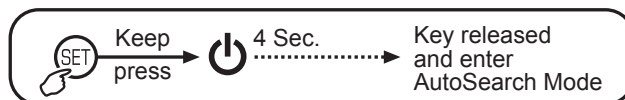
NOTE: To leave the SETUP during the code entering, just press any of the **[DEVICE]** keys once. In other cases, if no code is entered within 10 seconds, the red LED light will go out automatically.

• SETTING UP BY AUTO SEARCH

This auto search method checks all its preprogrammed codes to find the code that will operate your equipment automatically. This method may take a few minutes.

1. Turn on your TV and press the device mode as **TV**.
2. Aim the **RC-7-1** at your TV.
3. Press & hold the **SET** key and **⏻** key at the same time for 3 seconds until the red LED lights up. Then release the **SET** key and **⏻** key. **AUTO SEARCH** is now performed.

4. If the TV turns off. This indicates that the **RC-7-1** is now set to your TV.
5. Press any key to exit and the red LED will go out automatically. The **RC-7-1** is now ready to operate your TV.



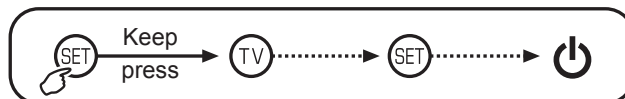
6. To check the code, press to ON position. Press **CH+/-**, **P+**, **P-**, **VOL+/-**, **I+|**, **I-**, **⏮** and other applicable keys. If no function, repeats Steps 1-5.
7. To program other equipment, repeat the Steps 1-6 for your DVD, SAT, AUDIO and or your second TV or DVD.

• SETTING UP BY MANUAL SEARCH

This manual search method checks all its preprogrammed codes to find the code that will operate your equipment. This method may take a few minutes.

1. Turn on your TV.
2. Press & hold the **SET** key and press the **TV** key once. At this time, the red LED light will light up.
3. Release the **SET** key and **TV** key.
4. Again press the **SET** key once, the red LED light will flash continuously.
5. Aim the **RC-7-1** at your TV.
6. Now, press & release **Power** key until the TV turns off. This indicates that the **RC-7-1** is now set to your TV.

HINT: During the **Manual Search mode**, you can use the **SET** key as forward/backward toggle switching to locate the correct code of your TV in a quick way.



7. Press the **[Device]** key once. The red LED will go out automatically. The **RC-7-1** is now ready to operate your TV.
8. To check the code, press **Power** to ON position. Press **CH+/-**, **P+**, **P-**, **VOL+/-**, **I+|**, **I-**, **⏮** and other applicable keys. If no function, repeat Steps 1-8.
9. To program other equipment, repeat the Steps 1-8 for your DVD, SAT, AUDIO and or your second TV or DVD.

NOTE 1: For DVD, press & release either **Power** or **⏮** key.

NOTE 2: To leave the **MANUAL SEARCH** during the code searching, just press any of the **[DEVICE]** key once. In other cases, if no code is entered within 30 seconds, the red LED light will go out automatically.

• PUNCH THROUGH

It allows you to operate the TV's VOLUME and **⏮** function simultaneously without having to switch the device modes repeatedly. You can adjust the TV sound source while operating the DVD, Satellite Receiver, or Audio equipment. Right at your fingertips.

• FASTTEXT

The function of **FASTTEXT** should operate exactly as your original remote.

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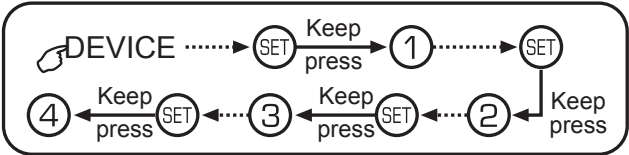
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• PREPROGRAMMED CODE DISPLAY

This method displays its 4-digit preprogrammed codes that will operate your equipment. You can control the display of each position in an easy way. For example, press ① key ① for 1st digit of code, press key ② for 2nd digit of code, press key ③ for 3rd digit of code and press key ④ for 4th digit of code.

1. Select the desired [DEVICE] key.
2. Press & hold the (SET) key, then press the desired digit code you want to display.
3. Release the (SET) key.
4. The red LED will flash according to the count of digit code. (No flash for digit 0).
5. Repeat Steps 2-4 for next display.



• TECHNICAL SPECIFICATIONS

Communication Mode:	Infrared
Power Requirement:	3V (2 x AAA, IEC-LR3, UM-4 size alkaline batteries)
Effective Range:	7M, ±20 degrees
Max. Operating Temperature:	0°C to + 50°C
Max. Storage Temperature:	-25°C to +125°C
Dimension:	48(W) x 17(H) x 193(L)mm
Weight (without batteries):	60 g.

Printed in China

BRAND		BRAND	
Accend	0711	Ferguson	0733,0735,0746
ACE	0713	Fidelity (UK)	0003,0034,0229,0711,0730
Admiral	0032,0155,1011	Filmnet	0202,0248
Adyson	0730	Finlandia	0745,1010
Agashi	0730	Finlux	0007,0008,0009,0013,0025,0026,0029,0035,0094,0161,0169,0221,0711,1010,1023
Aiko	0707,0711,0730	Firstline	0711,0730,0738
Aim	0711	Fisher	0025,0036,0155,0167,0170,0255,1017
Alwa	0261	Flint	0742
Akai	0005,0159,0169,0707,0711,0730,0731,0745,1020	Formenti-Phoenix	0003,0008,0025,0037,0038,0159,0730,1004,1023
Akiba	0711,0731,0742	France Telecom	0266
Akito	0711	Friac	0741
Akura	0711,0731,0738,0740	Funai	0016,0160,1019
Alaron	0730	Galaxis	0711
Alba	0705,0711,0730,0731,0738,0744	GBC	0002,0004,0019,0025,0026,0031,0033,0039,0040,0041,0042
Albiral	0001	Geant Casino	0739
Allstar	0711	GEC (UK)	0711
Amplivision	0739	Geloso	0004,0019,0025,0032,0033,0039,0149,0150
Amstrad	0006,0711,0731,0740,1011	General	0733,0743
Anam	0711	Genexxa	0740
Anam National	0711	Goldhand	0730
Anitech	0711	Goldstar	0003,0004,0043,0080,0153,0172,0252,0700,0701,0711,0730,1011
Ansonic	0711	Goodmans	0199,0707,0711,0737,0744
Aristona	0711	Gorenje	0170,0173,0741,1008
A.R. Systems	0711	Granada(UK)	0002,0004,0027,0041,0044,0045,0046,0047,0048,0049,0711,0735,0739,1010
Arthur Martin	0739	Grandin	0705,0711,0717,0719,0739,0742
ASA	0007,0009,0013,0032,0094,0155,0161,1010	Great Wall	0253
Asberg	0711	Grey	1025
Asuka	0731	Grundig	0003,0010,0018,0020,0045,0050,0051,0053,0054,0056,0094,0711,0744,1038
Atlantic	0711,0730	Halifax	0730
Auchan	0739	Hampton	0730
Audiosonic	0160,0711,0731	Hanseatic	0025,0027,0037,0044,0052,0055,0258,0711
Ausind	0008	Hantarex	0000,0711
Autovox	0004,0007,0012,0014,0015,0078,0079,0104,0153	Harwood	0740
AWA	0026,0027,0033,0159,0160,0189,0220,0706,0708,0709,0711,0714,0730,0740,1006	Hauppauge	0026,0711
Baird	0162,0737	HCM	0740
Basic Line	0163,0711	Hemmermann	0057
Baur	0711,1017,1037	Hinari	0033,0044,0058,0059,0060,0711,0744
BEKO	0170,0226,0711,0719,1018,1024	Hisawa	0739,0742
BEST	0741	Hitachi	0004,0040,0041,0042,0044,0047,0055,0061,0062,0063,0064,0065,0066,0067,0068,0174,0221,0222,0710,0711,0737
Blaupunkt	0010,0017,0018,0020,0054,0231,0232,0233,0234,0236,0241,1004	Hitsu	0742
Blue Sky	0711,0719,0738,0742,0744	Hoshai	0742
BPL	0026,0160,0162,0163,0711	Hotel TV	0704
Brandt	0733,0735,0746	Huanyu	0730
Brinkmann	0711	Hygashi	0730
Brionvega	0104,0155,0164,0165,0200,0201,0257,0711,1011	Hyper	0003,0004,0033,0153,0193,0730
Britannia	0730	Hypson	0739,0742
Bruns	0158	ICE	0730
BSR	0016,0019,0021	Ices	0730
Bush (UK)	0022,0711,0738	Imperial	0019,0023,0024,0145,0151,0169,0170,0231,0711,1004
Cabletime	0246,0247,0251	Ingelen	0717,0744
Carad	0717	Inno Hit	0000,0004,0031,0043,0060,0146,0175,0711,1004
Carena	0742	INTER (256)	0725
Century	0145,0146,0155	Intercord	1017
CGE	0019,0023,0024,0145,0151,0169,0170,0231,1004	Interfunk	0005,0027,0040,0045,0046,0052,0069,0070,0071,0073,0075,0155,0711
CGM	0093	Intervision	0711,0742,0744,1023
Chaparral	0216	Irradio	0008,0039,0043,0060,0153,0262,0711
Clarivox	0001,0166,0167	Iskra	1023
Clatronic	0705,0711	IT	0723
CODIAM	0138	ITS	0730
Condor	0711,0730	ITT-Nokia	0005,0032,0033,0040,0041,0045,0049,0069,0070,0071,0072,0074,0076,0162,0168,0176,0177,0717,0745
Contec	0033,0016,0730	Janco	0249,0250
Continental	0733,0744	JEC	0707
Edison	0730	JVC	0077,0119,0178,0179
Crosley	0024,0025,0145,0155,0231,1004	Kalsui	0163,0711,0730,0742
Crown	0705,0711,0741,0744,1008	Kamp	0730
CS Electronics	0730	Karcher	0159,0163,0175,0711,0717,0741,1008
CTC Clatronic	0096	Kawasho	0730
Daewoo	0168,0209,0711,0730	Kendo	0146,0711,0717,1011
Dainichi	0730	Kennedy	0025,0078,0079,1011
Dansai	0707,0711,0730	Kingsley	0730
Dansette	0740	Kneissel	0711,0717
DSE (Digitor)	0026,0027,0033	KONIG	0027
Decca (UK)	0002,0004,0026,0028,0031,0258,0711	Konka	0711
Dual	0255,0258,0711,0737,1011,1017	Kontakt	0744
Dual-Tec	0004,0011,0019,0029	Korting	0037,0155,0157,0741
Dumont	0155,1010,1023	Kottron	0740
Elbe	0001,0171,0711,0717	Kuba	1017
Elbe-Elbit	1011	Kyoshu	0740
Elektronika	1008	Lenco	0033,0039,0183,0238,0239,0240,0711,1023
Elin	0730,0745	Lecson	0711,0718
Elite	0108,0711,1004	Lenoir	0004
Elman	0019,0029,1023		
Elta	0730		
Emerson	0146,0155,0711,1010		
Euroman	0711,0730,0741,1008		
Europa	0711		
Europhon	0000,0004,0019,0029,0030,0146,0711,1023		
Expert	0739		
Fenner	0033,0193,0240		

Codes

TV/TXT

BRAND		BRAND	
Leyco	0705,0711	PYE	0711
L.G.	0711,0730	Uuadra Vision	0739
Lifetec	0711,0738	Quasar	1023
Linton	1017	Quelle	0004,0005,0007,0008,0009,0010,0013, 0016,0026,0027,0028,0045,0050,0051, 0052,0069,0094,0153,0221,0231,0232, 0234,0235,0236,0711,0738,1003,1004, 1007,1008,1010,1011,1022,1035,1036
Loewe Opta	0052,0081,0155,0156,0189,0213,0242, 1022	Radiola	0242,0711
Logik	0028	Radiomarelli	1023
Logix	0738	Radiotone	0705,0740
Luma	0032,0082,0711,1011	Rank (UK)	0022
Lumatron	1011	RBM (UK)	0022,0094
Luxor	0005,0045,0047,0055,0068,0083,0084, 0085,0086,0087,0162,0177,0745,1010	RCA	0204,0210,0211,0746
Magnadyne	0000,0019,0025,0029,0057,0147,0149, 0150,0155,1023	Redifusion(UK)	0005,0041,0116,0745
Magnafon	0000,0003,0008,0029,0030,0730,1023	Red Star	0711
Manesth	0707	REX	0011,0021,0032,0078,0079,0118
Manhattan	0738	RFT	1023
Marantz	0026,0027,1017	Rhapsody	0730
Mark	0730	Roadstar	0039
Matsui	0004,0006,0028,0041,0088,0182,0705, 0707,0735,0742,0744	Royal Lux	0740,0741
Maximal	0058	SABA	0000,0065,0067,0075,0085,0098,0099, 0100,0103,0117,0155,0185,0186,0222, 0224,0733,0735,0737,0745,0746,1032
Maxwell	1023	Sagem	0717,0742
Medion	0738	Saisho	0004,0006,0028,0088,0182,0244
Megas	0717	Salora	0005,0047,0048,0055,0066,0068,0069, 0076,0082,0086,0097,0162,0177,0195, 0249,0250,0267,0268,0745,1010
Meletronic	0255,0711,0730,0737,1010,1017	Sambers	0000,0004,0008,0029,0030,0043,1023
Melvox	0739	Samsung	0026,0033,0043,0159,0160,0170,0175, 0212,0215,0264,0702,0703,0711,0716, 0730,1000,1015,1016,1029,1031
Metz	0018,0053,0089,0090,0091,0155,0180, 0183	Sandra	0730
Micromaxx	0738	Sansui	0711
Minerva	0010,0018,0045,0051,0053,0744	Sanyo	0013,0031,0044,0074,0119,0120,0121, 0122,0123,0162,0167,0170,0182,0195, 0205,0711,0730
Minoka	0740	Schneider	0004,0011,0015,0019,0025,0026,0036, 0038,0255,0258,0262,0711,0737,0738, 1011,1017,1023,1028,1030
Mitsubishi	0044,0052,0092,0119,0154,0155,0181, 0182,0711	SEG	0096,0711,0730,0738,0744
Mivar	0000,0003,0093,0094,0095,0245,0259, 0730,0734	SEI-Sinudyne	1001,1011,1023
Morgans	0711	Seleco	0011,0058,0078,1011
MTC	0730	Senra	0707
Multisystem	0159	Serino	0717,0742
Multitec	0738	Sharp	0044,0054,0119,0124,0196,0198,0225, 0227
Multitech	0096,0170,0172,0711,0730	SHOV	0033
Murphy(UK)	0041,0730	Siaarem	0000,0025,0029,0155,1023
NEC	0184,0711,0742	Sicatel	0001
Neckermann	0004,0026,0044,0055,0082,0097,0170, 0711,1008,1011,1017,1037	Siemens	0010,0231,0232,0233,0234,0236,0711, 1004
N.E.I.	0166,0711	Siesta	0254
Neufunk	0711,0717	Silva	0730
New Tech	0737	Silver	0160,0711
Nicamagic	0730	Singer	0025,0029,0147,0149,0155,0711,0739, 1023
Nikkai	0707,0730	Sinudyne	0006,0016,0025,0026,0029,0057,0109, 0125,0155,0192,0197,0711
Nobilko	0003,0008,0029,0051,0146,0730,1023	Skysonic	0718
NOKIA	0720,0745,1004,1010	Solavox	0745
Nordmende	0065,0067,0075,0098,0099,0100,0101, 0102,0103,0104,0134,0185,0186,0222, 0711,0733,0737,1003,1036	Sondor	0739
Oceanic(F)	0005,0040,0105,0106,0107,0739	Sony	0028,0119,0126,0127,0128,0129,0130, 0182,0199,0228,0260
Okano	0711	Stern	0078
Onceas	0004	Sunkai	0742,0744,1001
Orion	0006,0016,0028,0057,0088,0108,0109, 0187,0188,0189,0711,0735,0740,1001	Sunstar	0705
Ormond	0738	Superla	0730
Osaki	0711,0740	Supertech	0730
Otto Versand	0025,0027,0044,0052,0055,0711,1017	Susuma	0735
Pael	0003,0008,0730	Sydney	0730
Palladium	0197,0711	Sytlong	0730
Palsonic	0711,0740	Tai Wah	0218,0219
Panama	0730	Tandberg	0016,0180,0266,1011
Panasonic	0001,0003,0019,0037,0040,0106,0110, 0111,0112,0114,0190,0212,0241,0711, 0745,1036	Tashiko	0730
/National	0730,0739	Tatung	0002,0004,0026,0028,0031,0131
Pathie Cinema	0739	Teac	0712,0740,0742
Pershin	0019,0023,0024,0025,0151,0155,0169, 0170,0231,0711,1004	TEC	0735,0743,1011
Philco	0229	Tech Line	0738
Philips	0003,0026,0027,0046,0073,0113,0115, 0155,0191,0192,0193,0194,0223,0226, 0230,0242,0265,0711,0737,1009,1011, 1017,1024,1033,1034	Technics	1036
Phoenix	0730	Technovision	0263
Phonola	0175,0711,0730	Tele +1	0248
Pilot (1624Y)	0729 (PIP)	Teleavia	0186,0733
Pilot (P1707Y)	0721	Telefunken	0067,0075,0098,0132,0133,0134,0135, 0140,0185,0186,0231,0235,0733,0735, 0737,0743,0746,1003,1004,1026,1032
Pilot (P3033)	0727	Teleservice	0203,0246
Pilot (P4005)	0726	Teletex	0738
Pilot (P567)	0728	Televideon	0730
Pilot (P716)	0724	Televiso	0739
Pioneer	0000,0027,0067,0243,0711,0737	Tensai	0013,0016,0033,0037,0039,0178,1023
Polestar	0214	Tevion	0738
Powerpoint	0744	Thomson	0065,0067,0075,0078,0098,0100,0103, 0185,0186,0222,0722,0733,0735,0737, 0743,0746,1027,1032
Prandoni-Prince	0008,0032,0146,1023	Thom-	0001,0135,0136,0137,0140,0144,0148, 0152,0160,0186,0229,0256,0735,1010, 1011
Praxis	0217	Ferguson	
Profitronic	1023		
Proline	0746		
Prosat	0001		
Prosonic	0705,0711,0730,0738		
Protech	0738		
Provision	0711		

Codes

TV/TXT

BRAND	
Tokyo	0707,0730
Toshiba	0022,0044,0094,0119,0138,0139,0141,0142,0707,0732,1035,1037
Transonic	0742
Transtec	0730
Trilux	1005,1021
Triumph	0732
Uher	0011,0012,0036,0037,0038,0078,0255,1017
Ultravox	0003,0025,0082,0096,0146,0155,0730
Unimor	1002,1012
Universum	0094,0160,0221,0738,0741
Univox	0001
Vegavox	0169
Videocoon	0033,0138,0141,0715
Videologique	0730
Videotechnic	0730

BRAND	
Visiola	0730
Voxson	0032,0155
Waltham	0733
Watson	0037,0705,0738,1004
Watt Radio	0001,0003,0025,0029,0030,0057,0730,1023
Wega Color	0119,0143
Wharfedale	0718
White	0003,0037,0159,0730
Westinghouse	
Winco	0740
Yamishi	0742
Yoko	0004,0159,0730,0741,1008
Zanussi	0078
Zenith	0203,0237
Others	0206,0207,0208,1013,1014

LD/DVD

BRAND	
Afreey	0688
Aiwa	0626,0649
Alba	0680
AMC	0643
APEX	0672
Arianet	0654
ATLM	0627,0671
BBK	3003,3004,3005,3006,3007,3008,3009
Bentley	0635
BSkyB	0680
Bush (UK)	0680,0685,0689
Caravelli	0622
CineULTRA	0689
CONIC	0673
Daewoo	0660,3013
Denca	0665
Denver	0689
Denzel	0684
Desay	0625
Diamond	0683
Dual	0684
Eltax	0642
Elyxio	3000
Encore	0688
Enzer	0684
Ferguson	0679
Goldstar	0633,0682
Grundig	0655,0686,3019
Harman/Kardon	0690
Hitachi	0684
JMB	0686
JVC	0636,0664,3012
Kenwood	0572,0630,0663
Kiss	0684,3015
Lenco	0689
Lecson	0687
LG	0682
Logik	0669
Magnavox	0571
Manta	3011
Matsui	0683,0686
Maxview	0670
M & B	0670
Microsoft	0619,0620
Mitsubishi	0662

BRAND	
Monyka	0684
Multek	0638
Neufunk	0684
Onkyo	0647,0653
Orion	0686,3010
Oritron	0683
Pacific	0676,0677,0678,0679
Panasonic	0573,0574,0629,0639
/National	
Philips	0559,0675
Phonotrend	0689
Pioneer	0571,0658
Ralte	0684
RCA	0602,0661,0667
REC	0685
Red Star	0650,0652
Roadstar	0685,0689
Sampo	0688
Samsung	0637,0648,0666
Sansui	0686
Sanyo	0681
Schneider	0679
Schwaiger	0679
SEG	0684
Sharp	0628,3010
Skymaster	0656
Sokol	0645
Sony	0575,0631,0632,0641,0657
Tatung	0659
Teac	0634
Telestar	0651
Tevion	0683
Thomson	0668
Tokai	0684
Toshiba	0571,0640
Universum	0682
Wesder	0689
Wharfedale	0687
Wilson	3014
Xoro	3017
Yakumo	3018
Yamaha	0646
Yamakawa	0684,3016
Zenith	0570,0682
Others	0674

AUX

BRAND	
BBK	3001,3002
Blaupunkt	0569(VHS)
Cabletime	0524,0525,0526(CTV)
Denon	0564(TUNE) 0566(DECK)
Grundig	3020(DVDR),3021(PDR), 3022(AMP)
Microsoft	0621(MCE)

BRAND	
Philips	0560(EQ) 0561(PIP) 0562(TAPE) 0565(TUNE) 0567(DCC)
ROTEL	0584(TAPE)
Sony	0563(TAPE) 0575(CDV) 0618(TUNE)

Codes

SAT/DSS

BRAND		BRAND	
AB	0812	ITT-Nokia	0384,0385,0418
Aegir	0514	Jeemon	0386
Akai	0499	Jerrold	0454
Alba	0407,0522	Johansson	0387,0512
Aldes	0511,0514	JSR	0386
Alfa Gold	0810,0811	Kathrein	0388,0389,0390,0419,0469,0499,0507,0522
Allsat	0499,0512	KR	0522
Allsonic	0511	Kyostar	0522
AlphaStar	0499,0826	Lasat	0497,0514,0520
Amstar	0847	Lemon	0503
Amstrad	0371,0372,0408,0488,0497,0515,2014	Lenco	0423,0426,0480,0481,0482
Ankaro	0373,0511	Lexus	0499
Anttron	0522	Life Sat	0504,0516
Apollo	0402	Lorenzen	0497,0520
Arion	0510,2003	Luxor	0384,0391,0392
Armstrong	0499	Macab	0420
Asat	0499	Macom	0444
Aston	0498	Magnavox	0477,0830,0831
Astra	0372,0409,0488,0520	Manhattan	0512,0514
Astro	0502,0514,0522	Marantz	0499
ASTRX	0840,0842,0843,0846	Maspro	0388,0393,0402,0490
Audioton	0512,0522	Max	0520
Aura	0430,0487	M & B	0516
Barcom	0373	Mega	0499
Benjamin	0468	Metronic	0496,0507,0511,0514,0522
BEST	0453	Metz	0383
Bigsat	2013	Microsat	0874
Boca	0497	MINA	0494
BSkyB	0880	Minerva	0383,0400,0484
Bush (UK)	0402	Mitsubishi	0489
Cambridge	0375	MME	0217
CANAL+	0804	Morgans	0421,0497,0499,0512,2012
Chaparral	0216,0374,0410	Motorola	2000
Citycom	0507	NEC	0422,0478,0493
CNT	0514	Neckermann	0421
Commlink	0511	Neosat	0845
Comtec	0511	Neotion Box	2007
Condor	0520	Network	0394
Conrad	0520	Neuhaus	0520
Cosat	0512	Neusat	2013
Datcom	2005	New Star	2015
Digital	2006	NOKIA	0502,0720,0807
Distrisat	0499	Nordmende	0514
DMT	2013	Obritech	0426
DNT	0409,0428,0430,0487,0499	Octagon	0522
Drake	0376,0445,0446,0447,0495	Openfox	2013
DSR	2003	Opentel	2016
Dynasat	0491,0492	Optex	0512
Echostar	0377,0378,0379,0386,0409,0411,0412,0457,0458,0461,0462,0486,0800,0827,0855,0862,2008	Opticum	2006,2016
EH.Galaxy	0858	Pace	0394,0395,0400,0402,0485,0500,0814,0815,2001
Einhell	0497,0511	Palcom	0396
EISAT	0822	Palladium	0421
Electrosat	0870	Palsat	0423
Elekta	0514	Panasat	0819,0863
Elta	0499,0512	Panasonic	0473,0832
EMME ESSE	0463,0464,0465	/National	
Europa	0499	Panda	0520
Eurosky	0421,0497,0520	Pansat	0455
Euro Space	0850	Philips	0402,0424,0425,0460,0477,0499,0507,0518,0522,0803,0830,0831,0841
Eurostar	0465,0513,0520,0872	Phonotrend	0511,0512
Exator	0522	Pioneer	0474
Fagor	0512	Polsat	2009,2017
Ferguson	2003	Preisner	0497
Finlux	0414,0415	Premier	0802
Force	0836	Premium X	0501
Fortec Star	0458,0808,0809,0846,0850,0851,0852,0853,0854,0856,0857,0859,0866,0867,0876,0878,0879	Primestat	0454
Fracarro	0380,0381	Prosat	0405,0451,0479,0511,0523
Freecom	0426	Protek	0504
FTE	0399	Provision	0514
Fuba	0413	PSR	0858
Funtach	0823,0824	PTT_TELCOM	0515
Galaxis	0511,0512	Quadral	0511,0523
Galaxy	0873	Quelle	0383,0520
Glucar Record	0382,0416	Radiola	0499
GMI	0521,2019,2020,2021,2022,2023,2024	Radix	0409,0428,0430,0487
Grandin	0496	Rainbow	0522
Grey	2003	RCA	0450,0808,0835
Grundig	0383,0400,0402,0484,2025	RC-AK	0456
Hanseatic	0516	RFT	0499,0511
Hanuri	0514	RM(RM2200)	0860
Heliocom	0520	Rover	0523
Hevet	2007	RTG(SpaceNet)	0846
Hirschmann	0415	SABA	0514,0520
Hitachi	0483,0828,0829	Sagem	0518
HTS	0827	Sakura	0397,0398
Hughes	0828,0829	Salora	0391,0418
Humax	0505,2004,2012	Samsung	0459,0475,0476,0801,0877
Huth	0421,0479,0511,0512,0520	SAT 100	0372,0488
HWALIN	0816	Sateco	0426
ICX International	0417	Satcom	0515,0516,0520
ID Digital	2004	Satlite	0523
Info	2010	Satpartner	0514,0522
Interstar	2011	Schacke	0522
Intervision	0512,0520,0523	Schwaiger	0516

Codes

SAT/DSS

BRAND		BRAND	
Scientific Atlanta	0452	Telemaster	0514
SEG	0516	Telemax	0432
Seleco	0512	Telemaster	0398,0409,0428,0430,0469,0487
SET	0825,0837,0838,0839	Teletech	0513
Siemens	0383	Telewire	0512
Sigma	2007	Thomson	0520,2009,2017
Signal	0456,0850,0855	Thorn-Ferguson	0394,0395,0400,0401,0402,0433,0485
Sintrack	0427	Tokai	0499
Skardin	0821,2002	Tonna	0512
Sky Box	2007	Topfield	0509
Sky Digital	0880,0881	Toshiba	0442,0444,0506,0833
Skymaster	0479,0511,0513,0516,0517,0523,0825,0882,0883	TPS	0805
Skymax	0499	Triumph	0506
Skyvision	0512	Trwam	2005
SL	0497	Unbranded	0481
Sony	0472,0834	Uniden	0403,0404,00406,0443,0830,0831
Star	0459,0470,0802,0846,0868,0871,0875	Unisat	0499
Strong	0399,0423,0426,0480,0492,0508,0514,0522,0864,0865,0868	United Satellite	0440
STS	0393	Universum	0520
STV	0413	US Electronics	0417
Sun Moon Star	0813	Vector	0430,0487
Superstar	0497	Ventana	0499
Super Max	0846,0848,0849,0850	Viewstar	0477
Supex	0858,0862,0869	Vision	0519
Tadiran	0817	Vortec	0459,0801,0855
Tagra	0512	Vortic Star	0801
Tanlec	0396	Vtech	0434,0507
Technisat	0409,0428,0429,0430,0431,0487,0499,2018	Wela	0497
Technosat	0263,0467,0802,0869	Wetekom	0516
Technowelt	0520	Winer	0080,0387,0449,0844
Tedalex	0466	Wintegarten	0511
Teknika	0471	WISI	0409,0420,0435,0436,0437,0438,0439
Telesat	0516	Worrisat	0514
Teleciel	0522	XSAT	0500
Telecom	0884	Zehnder	0390,0507,0514
Teleka	0522	Zenith	0441,0444,0445,0446,0447
		Zinwell	0821
		Zodiac	0522
		Others	0820,0861

CABLE

BRAND		BRAND	
ABC	0452	Paragon	0806
Jerrold	0417	TADA	0448

Hi Fi

BRAND		BRAND	
Blaupunkt	0568	Pioneer	0545
Fisher	0529	Sanyo	0539
Hitachi	0530	Sharp	0531
Kenwood	0527,0531,0532,0533,0534	Sherwood	0540,0541,0577,0578
Lenco	0595,0596,0597,0598,0599,0600,0601	Skardin	0644
Nordmende	0535,0549	Sony	0617
Onkyo	0536,0537	Technics	0542
Panasonic /National	0538	Yamaha	0543,0544

CD

BRAND		BRAND	
Aiwa	0581	Philips	0552,0553,0579,0604
ATLE	0579	Pioneer	0554,0555,0610
Denon	0547	Proton	0553
Fisher	0546	Radiotone	0549
Haitai	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	0550,0580	Sony	0556,0557,0575,0607
Lenco	0060,0549,0585,0586,0587,0588,0589,0590,0591,0592,0593,0594	Sylvania	0553,0604
Magnavox	0553,0576,0604	Teac	0608,0611
Mission	0553	Technics	0558,0609
NEC	0551	Victor	0605
Onkyo	0613,0614,0615,0616	Yamaha	0612

