

# ***hama***®

THE SMART SOLUTION

**Universal Fernbedienung**

**Codelist**

**Universal Remote Control**

**00040089**

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Cytron	102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124	120
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Denon	005,036,058	
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Grundig	011,158,169,199	
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Hitachi	008,009,025,030,043,127,163	127
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Innovation	012,013,014,114,116,117,118	
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JVC	002,032,066	
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Marantz	003,038,142,157,158,159	

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Medion	012,013,014,041,102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124,199	120
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Microstar	012,013,014,102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124	120
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Mustek	069,071,128	
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Noname	045	
Norcent	093	
Nortek	091	
Onkyo	015,029,065,149	
Optimus	059	
Orion	137	
Oritron	118	
Pacific	114	
Palsonic	133	
Panasonic	005,006,017,022,036,051,054,055,058	
Panda	074,090	
Philco	053	
Philips	003,011,038,040,047,052,125,126,157,158,159,209	125, 126
Philips magnavox	157,158,159	
Pioneer	009,024,026,059,062,163	
Praline	199,133	
Prism	104	
PRO2	102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124	120
Proline	118	
Proscan	155	
Prosonic	160,161	
Pye	125	
RCA	097,132,134,155	
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Regal	179(DVD)	
Reoc	108	
REX	138	
Rowa	074	
RTL	120	120
Saba	033,118	
Salora	142	
Sampo	108	
Samsung	008,030,058,105,208	
Sanyo	092,148	

Schneider	014,114,118,125,130,144,161	
Scott	133	
SEG	108,130	
Shanghai	133	
Sharp	012,013,116,162	
Sherwood	044,074	
Shinco	074,132	
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Siltex	076	
Silvercrest	184,195	
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Skymaster	098,099,100,101,128,147	
Sm electronic	128,147	
Sony	004,031,046,060,207	
Strong	091	
SVA	074,133	
Sunsui	137	
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Sylvania	106	
Targa	184,194,197,198,199,200	
TCM	012,013,014,102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124,180,184	120
Teac	074,108,132,163	
Technics	005,036,037,058,155	
Tevion	012,013,014,102,103,104,105,106,107,108,109,110,111,112,114,115,116,117,118,119,120,121,122,123,124,183,187,188,189,190,199	120
Techwood	162	
Theta digital	163	
Tboston	057	
Thomson	001,033,155	
Toshiba	003,049,137,157	
Transonic	133	
United	164,165,133	
Universum	130	
Vestel	179(DVD)	
Walkvision	074	
Wharfedale	151,199	
Xbox	155	
Xenius	115,118	
Yamada	199	
Yamaha	005,036,058,061,125,126	125, 126
Yamakawa	166	
Ykumo	199	
Zenith	142	
Others	018,019,020,021	

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Aiwa	008,009,010
Akai	015,079,089,099,100
Amstrad	082
Aswo	017
Braun	036
Bush	003
Daewoo	073
Denon	002,006,007,045,058
Diora	065,066



Dual	016,101,102
Fischer	059,060,071
Goodmanns	001
Goodmans	033
Grundig	017,021,026,109
Harman	057,092
Kardon	
Hitachi	045,081
ITT	084,085
JVC	011,028,029
Kenwood	014,083,098,101,102
Linn	054
Luxman	042,043,050,097
Magnavox	109
Marantz	017,053,088,109
NAD	069,070
Nakamichi	093
Nokia	086
Onkyo	012,013,022,067,068
Panasonic	048,094,095
Philips	017,026,087,109
Pioneer	019,020,078,104,106,107,108
Radmor	053
Revox	027
Revox/Studer	017
Samsung	049,051,052,062,063
Sansui	109
Sany	071
Sanyo	072,096,103
Schneider	017,032,033,034,035,038,039,040,044,084,085
Sharp	005,030
Sherwood	056,074,075,076,077
Siemens	015,017,046,047
Sony	031,091,105
T+A	037
Technics	004,055,064,094
Thomson	018
Universum	034,041,052,061
Yamaha	023,024,025,080,090

## TUNER

Brand	TUNER
Alwa	006,007,048
Akai	026,077,089
Amstrad	081,093,097,098
Ash	053
Aswo	056
Bush	042
Centrum	104
Cybercom	105,106,107
Cybermaxx	105,106,107
Cytron	105,106,107
Daewoo	087
Denon	001,002,031,052,074,100
Diora	090
Dual	011,025,105,106
Elta	108,109
Fischer	063

Goldstar	004
Goodmanns	077
Goodmans	042
Grundig	056,058,110
Harman Kardon	084
Hitachi	031,082
ITT	030
JVC	044,073,076
Kenwood	025,066,068,071,075
Lifetec	105,106,107
Linn	101
Luxman	067,103
Marantz	056,110
Medion	105,106,107
Microstar	105,106,107
Micromaxx	105,106,107
Minowa	039
Mission	018
NAD	088
Nakamichi	049
Nokia	040
Noname	042
Okano	079,092
Onkyo	055,069
Palladium	080
Panasonic	001,061
Phillips	056,110
Pioneer	010,013,014,065
PRO2	105,106,107
Radmor	057
Revox	016
Revox/Studer	056
Rotel	008
Sansui	110
Samsung	009,041,078,094,102
Sanyo	022,062
Schneider	004,018,020,021,023,024,028,029,030,032,033,034,037,038,039,042,070, 072,080,089,092,093,098
Sharp	003,075
Sherwood	043,085,086
Siemens	004,018,036,037,047,056,077,087,092,095,099
Sinotec	024
Sinotec(Pepsi- Dose)	024
Sony	019,046,050,051
Supertech	042
T+A	035,054
T+A Elektroakustik	054
TCM	105,106,107,111
Teac	112,113
Technics	017,059,060,091
Tevion	105,106,107
Theorie&anw ending	114
Thomson	012
Uher	005

Universum	033,077,092,096,102
Yamaha	015,027,045,064,083

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Aiwa	028,036,128,129	181,182
Akai	018,112,121	
Amplifier	158	
Amstrad	014,034,077,086,145	
Arcam	044	
Arion		162
ASH	027	
Aswo	043	
Audio Combl		040,190
Audiolab	044	
Balanced audio technology	044	
Braun	104	
Bush	032,044,116	
CD Photo		039
CDR		041,191
CD Video		038
Copland	044	
Cpremier		195(VCD)
Curtis Mathes	119	
Cybercom	169,170,171	173,174,175,176,177,178
Cybermaxx	169,170,171	173,174,175,176,177,178
Cytron	169,170,171	173,174,175,176,177,178
Daewoo	022	194
DBS		179
Denon	020,080,098,131,139	001(LD)
Diora	081	
Disco Vision		003(LD)
DMT		161
Dual	062,124,169,170	173,174,175,176,183
Elta		176,184
Fischer	021,085,134	
Fujitec		195(VCD),196(VCD)
Goldmund	044	
Goldstar	029	
Gold Vision		166,167
Goodmanns	015,018,032	
Grundig	043,044,142,148	005(LD),043,044,046
Harman Kardon	044,091	
HDT		159
Hitachi	098	003(LD)
Home automation		192
ITT	073	
JBL	068,118	
JVC	067,146,150	
Kawai		195(VCD),196(VCD),197(VCD),198(VCD),199,200(VCD)
Kenwood	023,062,156	062

Lifetec	169,170,171	173,174,175,176,177,178
Linn	043,044,148	043
Loewe	044	
Luxman	099,100,149,152	
Magnavox		046
Magnum		201
Marantz	043,044,148,153	043,044,046
Mark	044	
Medion	034,169,170,171	173,174,175,176,177,178
Meridian	044,148	043
Micromaxx	169,170,171	173,174,175,176,177,178
Micromega	044	
Microsoft		205(PC)
Microstar	169,170,171	173,174,175,176,177,178
Minowa	013	
Mission	155	
Mitsubishi		005(LD)
Myryad	044	
NAD	048	005(LD),047,048,049,050
Naim	044	043
Nakamichi	069	
Niam	148	
Nokia	072	
Noname	032	
Okano	016,017	
Onkyo	024,125	
Palladium	033,090,133	
Palladium/Okano	143	
Panasonic	063,136,138,141	
Phillips	043,044,101,140,148,153,154	004(LD),006(LD),043,044,045,046
Pioneer	011,044,119,148	003(LD),005(LD),043,055,185
Premier		195(VCD),196(VCD)
PRO2	169,170,171	173,174,175,176,177,178
Quad	044,148	043
Radiola	044	006(LD)
Radiotone	087	
Radix		160
Radmor	140,153,154	
Revox	044,089,120	
Revox/Studer	101,153,154	
Revoy	044	
Rotel	126,127	
Saba	064,151	
Samsung	010,074,083,092	065,186
Sansui		044,046
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Schneider	012,013,016,019,026,029,032,033,034,035,043,073,075,086,088,096,105,106,107,108,109,110,111,113,114,115,143,144,145,147	
Sharp	132,156	187
Sherwood	071,078,079	
Show		196(VCD)
Siemens	016,018,019,022,026,029,031,034,043,075,093,094,095,142	
Sinotec	035	

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Silver Crest		206(PC)
Sony	036,117,133	002(LD),007(LD),008(LD),05 1,052,053,056,057,058,059,060 ,061,168,188
Sunny		196(VCD)
Supertech	032	
Switch Box		180
T+A	025,103	
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TCM	169,170,171,172	173,174,175,176,177,178,202,2 03
Techmate		163
Technics	063,082,097,135,138	063
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Telefunken		005(LD)
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Tevlon	169,170,171	173,174,175,176,177,178,204
Thomson	064,123	064
Thorens	044	
Thorn		009(LD)
Uher	130	
Universum	010,016,018,044,084,107	
Victor	150	
Video CD		037,189
Welltech		173,178
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Yamaha	030,070,076,122	042,054,066
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