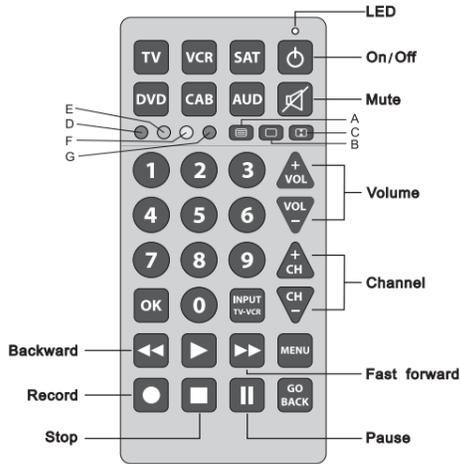


# 6-in-1 Universal Remote Control

## Operating Instructions



## For Household Use Only



## Introduction

This Universal Remote Control can operate up to six types of devices: televisions (TV), video cassette recorders (VCR), and digital video disc (DVD) players, Satellite(SAT), Cableview(CAB), Audio Devices(AUD).

- A. Teletext On key turn on teletext
- B. Teletext Off key turn off teletext
- C. Teletext Hold key hold on/off teletext
- D. Teletext Red key Teletext Red key
- E. Teletext Greenkey Teletext Green key
- F. Teletext Yellow key Teletext Yellow key
- G. Teletext Blue key Teletext Blue key

See the diagram to familiarize yourself with the features of this remote control. You may also need to review the operating manuals of your original remotes to refresh yourself on the functions of those units.

## Battery Installation

1. Remove the Battery Compartment Cover from the Battery Compartment, which is located on the bottom of the unit.
2. Insert two AA-size alkaline batteries (not included) according to the diagram inside the Battery Compartment and replace Battery Compartment Cover.
3. Press the Button; the LED should illuminate. If it doesn't reseat the batteries and try again.

## Battery Handling and Usage:

**WARNING:** Only adults should handle batteries. Do not allow a child to use this product unless the Battery Compartment Cover is securely attached to the Battery Compartment in accordance with all product usage instructions.

- Follow the battery manufacturer's safety and usage instructions.
- Keep batteries away from children and pets.
- Do not mix a used battery with a new battery, or mix different chemistries or sizes of batteries.
- Insert the batteries observing the proper polarity (+/-) as indicated inside the battery compartment. Failure to properly align the battery polarity can cause personal injury and/or property damage.
- Remove spent or discharged batteries from the product. Remove the batteries when not using the product for an extended period.
- Never throw batteries into a fire. Do not expose batteries to fire or other heat sources.
- Dispose or recycle spent/discharged batteries in compliance with all applicable laws. For detailed information, contact your local solid waste authority.

## To Program

### Entering a code manually:

1. Turn on the device you wish to program (TV,VCR,SAT,DVD,CAB,AUD) manually.
2. Using the code tables in the back of this manual, locate the list of codes for the brand name of the device you wish to program.
3. Press and hold the Button for the device you wish to program (TV,VCR,SAT,DVD,CAB,AUD) for more than three seconds; the red LED will illuminate, indicating that the remote control is ready to accept a 3-digit code.
4. Enter a 3-digit code listed for your brand of device within 30 seconds; the LED will shut off, indicating that the remote control is programmed.
5. Press the On/Off Button to verify correct code entry. If the device shuts off, no further program ming is required.
6. If the device does not respond, repeat Steps 2-5, using a different 3-digit code listed for that device brand.

### Programming the remote using PowerScan:

With PowerScan programming, the remote control tests all the codes available in the code list and assigns the correct code for the selected device. Although this method can be more time consuming, it eliminates the need to look up codes and enter them manually.

1. Manually turn OFF the device you wish to program (TV,VCR,SAT,DVD,CAB,AUD).
2. Press and hold the appropriate device key (TV,VCR,SAT,DVD,CAB,AUD) until the red LED illuminates. This indicates that the Remote is in programming mode.
3. Press and release the key. The LED flashes once and stays ON, indicating that the remote is in PowerScan mode.
4. Press either the CH+ or CH- Button repeatedly until the device switches ON. The CH+ Button searches upward in the code list, while the CH- key searches downward.
5. When the device turns on, press and release the OK Button to store the new code and exit. To exit without setting th code, press the GO BACK Button.
- NOTE:** If you press CH+ or CH- again after the device turns on, the device will not be programmed; you will need to repeat Steps 1-5 again.
6. Press any other operable key (VOL+ /VOL-). If the device responds, no further programming is required. If the device does not respond, repeat Steps 1-5.

KEY NAME	KEY FUNCTION FOR TV,VCR,SAT,CAB	KEY FUNCTION FOR DVD (special function keys has higher precedence)	KEY FUNCTION FOR AUDIO (DIGIT KEYS has higher precedence)
**1*	DIGIT 1	SETUP-MENU>DIGIT 1	DIGIT 1 > SELECT TAPE OR VCR
**2*	DIGIT 2	TOP MENU > DIGIT 2	DIGIT 2 > SELECT CD ,DVD OR LD
**3*	DIGIT 3	TITLE > DIGIT 3	DIGIT 3 > SELECT TV
**4*	DIGIT 4	REPLAY > DIGIT 4	DIGIT 4 > SELECT VIDEO1
**5*	DIGIT 5	RANDOM > DIGIT 5	DIGIT 5 > SELECT VIDEO2
**6*	DIGIT 6	REPEAT > DIGIT 6	DIGIT 6 > SELECT SAT
**7*	DIGIT 7	ANGLE > DIGIT 7	DIGIT 7 > SELECT VIDEO
**8*	DIGIT 8	SUBTITLE > DIGIT 8	DIGIT 8 > SELECT PHONO
**9*	DIGIT 9	ZOOM > DIGIT 9	DIGIT 9 > SELECT CD,DVD OR DISC
**0*	DIGIT 0	OPEN/CLOSE>EJECT>DIGIT0	DIGIT 0 > SELECT TUNER

## Code List

### TV

<b>Digital TV</b>	
Sony	041
<b>HT Projector</b>	
Epson	036 040 046
Hitachi	052
Mitsubishi060	
Philips	058
Sanyo	033
Sharp	034 037 044 048 049 050 053 054 055
	056
Sony	032 039 045
Toshiba	038 047 057 059 061
<b>LCD Projection TV</b>	
Sharp	024
Sony	007
Toshiba	023
<b>LCD TV</b>	
Bush	009
LG	012 013 016 018
Panasonic	014 017
Philips	004 279
Samsung	002 003 011 015 021
Sharp	010 019 020 022
Sony	005
Toshiba	008
<b>LCD TV/RadioTuner Combo</b>	
Philips	279
<b>Plasma Display</b>	
Hitachi	026 029
Panasonic	031
<b>PLASMA TV</b>	
Philips	027
Samsung	025
<b>Plasma TV Monitor</b>	
Philips	028
Thomson	030
<b>Projection TV</b>	
Hitachi	042
Panasonic	043
<b>TV</b>	
Acme	074
Acura	066
ADC	064
Admiral	062 063 072 073 121
AGB	129
Aiko	064 066
Akai	064 066 067 137 141 150
Akiba	067
Akito	076
Akura	067 099
Alba	066 067 078 079 096 106 150 262
Alkos	148
Allorgan	077
Amstrad	066 067 081 099 121 129
Anam	066 098
Anglo	066
Anitech	066
Ansonic	066 069
Arc en Ciel	089 132 140
Aristona	150
ASA	062 070 071 073
Astra	066
Asuka	067
Atlantic	150
Atori	066
Audiosonic	066 067 140 150
Autovox	062 116 131
Baird	122 140
Bang & Olufsen	062
Basic Line	066 067
Baur	101 126 136 141 150
Beko	084 106 233 237 249
Beon	150
Bestar	124
Blaupunkt	138
Blue Sky	067
Blue Star	127
Boots	076
BPL	127
Brandt	086 089 090 132 133 140 252
Brionvega	062 150
Bruns	062
SR	077 135
BTC	067
Bush	066 067 072 075 076 078 079 096 124 127 135 136 140 150 151 224 244 253 259 268 270 273
Carrefour	078
Cascade	066
Cathay	150
Centurion	150

Century	062
CGE	135
Cimline	066 079
City	066
Clarivox	150
Clatronic	066 067 081 106
Concorde	066
Condor	106
Contec	066 078 080 081
Continental Edison	086 089 090 122 132 140
Cosmel	066
Crosley	062 135
Crown	066 106 150
CS Electronics	067
CTC Clatronic	069
Cybertron	067
Daewoo	066 094 113 124 162 177 189
Dainichi	067
Dansai	150
Dantax	084 109 150 151
Daytron	066
De Graaf	072 083
Decca	064 076 081 129 150
Desmet	150
Dixi	066 150
DTS	066
Dual	110 131 132 135 140
Dual-Tec	066 135
Dumont	062 069 070 071
Dux	150
Dynatron	150
Elbe	121
Elcit	062
Electa	127
ELECTRO TECH	066
Mivar	071 150
Elin	067
Elite	069 135
Elman	066
Elta	062 133 141
Emerson	150
Erres	066
Etron	109 143 150
Euroline	069 076 129 135
Euromphon	066 124
Fenner	085 086 092 093 104 122 133 147 150 FI-
Ferguson	072
dellity	072
Finlandia	062 064 069 070 071 129 135 150
Finlux	066 077 096
FIRST LINE	062 071 078 080 087 106 135
Fisher	062 063 131 135 137 150
Formenti	062 063
Fortress	066 072 073 126
Frontech	064
Fujitsu	077
Funai	106
Galaxy	066 078 135
GBC	064 073 088 129 136 141 150
GEC	066 072 135
Geloso	066
General Technic	067 073
Genexxa	066 068 072 107 135 150 151
GoldStar	064 066 078 079 122 124 133 150 245
Goodmans	106
Gorenje	067
GPM	073 141 142
Graetz	064 072 078 082 087 097 129 133 137
Granada	150
	066 067 127 150
Grandin	070 112 116 123 125 138 139 172 186
Grundig	210
	066 077 078 126 135 141 150
Hanseatic	066 129
Hantarex	066 127
HCM	140
Hifivox	066 067 078 150
Hinari	067 127
Hisawa	064 072 073 074 078 083 088 089 090
Hitachi	091 108 126 129 135 137 140 141 142 205 218 219 220 243
	067
Hoshai	124
Huanyu	066 135
Hyper	127 150
Hypson	066 067
ICE	073 106 135
Imperial	075 116
Indesit	150
Indiana	073
Ingeleon	066 096
Prosonic	150 151
Protech	066 069 135 136 149 150
Provision	150 151
Pye	150 216
Pymi	066
Quelle	070 071 077 081 101 135 138 141 150
	151
Questa	078
Radiola	150
RBM	070
RCA	082
Rediffusion	141
Revox	150
Rex	072 073 121
RFT	062
R-Line	150
Roadstar	066 067
Robotron	062
RTF	062
Saba	062 073 086 089 090 094 122 129 132 133 140 141 142 235
Saisho	066 079 081 129
Salora	072 073 082 091 121 126 135 136 141
Sambers	069 129
Samsung	064 066 081 106 111 118 119 149 150

Lenoir	066
Leyco	064 077 150
LG	066 068 072 107 109 135 143 150 151 215 236 240
	150
Liesenk	150
Life	066 122 124 151 153
Lifetec	066 122 124 151 153
Loewe	114 115 174 202 271
Loewe Opta	062 150
Logik	081
Luma	072 141 150
Lumatron	072 141 150
Luxor	072 091 116 136 141
M Electronic	066 071 073 086 124 140 150
Magnadyne	062 069 129 135 150
Magnafon	069 129
Magnum	066 122 124 151 153
Manesth	079 150
Marantz	150
Marelli	062
Mark	150
Matsui	064 066 072 076 077 078 079 081 096 112 129 148 150
	098
Matsushita	088
McMichael	150
Mediator	150
Medion	066 124 151 153
Memorex	066
Memphis	064 066
Metz	062 100 138 144 145
Micromaxx	066 122 124 151 153
Microstar	066 122 124 151 153
Minerva	070 116 138
Mitsubishi	062 078 081 115 116 138 221 230 267
MTC	129
Multi System	136
Multitech	066 069 072 078 089 135 150
Murphy	071 137
NAD	141
Naonis	072 121
National	097 116
NEC	078 156
Neckermann	062 072 106 126 136 150
NEI	150
New Tech	066
New World	067
Nikkai	064 067 148 150
Nobiliko	069 070
Nogamatic	140
Nokia	073 082 136 137 141 142
Nordmende	066 073 075 086 089 090 122 132 133 140
	150
Nordvision	073 141 142
Oceanic	106
Okano	066 077 079 081 096 100 129 142 150
Orion	151 206 257 258 276
	151
Ormond	064 067 149
Osaki	067
Oso	064 080
Osume	063 078 101 122 126 127 135 136 140
Otto Versand	141 150
Palladium	068 106
Panama	066 149
Panasonic	073 097 098 116 130 141 142 144 145 157 168 173 178 184 203 231 275
	135
Pathe Cinema	089 090 132 140
Pathe Marconi	066
Pausa	064
Perdio	062 135
Philco	149
Philharmonic	001 062 088 109 110 122 124 135 141 146 150 164 165 167 169 171 176 179 180 181 188 190 191 193 194 196 199 209 211 212
Phoenix	062 150
Phonola	062 150
Pioneer	073 086 140 150
Poppy	066
Prandoni-Prince	072 129 141
Precision	149
Prima	066 073
Prinz	091
Profex	066 141
Profilo	151
Proline	064 096
Prosonic	150 151
Protech	066 069 135 136 149 150
Provision	150 151
Pye	150 216
Questa	078
Radiola	150
RBM	070
RCA	082
Rediffusion	141
Revox	150
Rex	072 073 121
RFT	062
R-Line	150
Roadstar	066 067
Robotron	062
RTF	062
Saba	062 073 086 089 090 094 122 129 132 133 140 141 142 235
Saisho	066 079 081 129
Salora	072 073 082 091 1

<b>TV/VCR Combo</b>	
Grundig	064
Samsung	081
<b>VCR</b>	
Akiba	020
Akura	020
Alba	005 007 020
Allorgan	033
Ambassador	007
Anitech	020
ASA	011 012
Asuka	011 012 020
Baird	005
Basic Line	005 007 020
Baur	012 015
Bestar	005 007
Black Panther Line	005
Blaupunkt	012 013 014 015 018
Bondstec	007
Bush	005 020 022
Catron	007
Cimline	020
Clatronic	007
Condor	005 007
Crown	005 007 020
Cybermaxx	039
Daewoo	005 007 016 019 039
Dansai	020
Daytron	005
De Graaf	012
Decca	012
Dual	012
Dumont	012
Elin	009
Elta	020
ESC	005
Etzuko	020
Ferguson	018 025
Finlandia	012
Finlux	012 029
FIRST LINE	011 016 020 029
Formenti/Phoenix	012
Frontech	007
GBC	007 020
GEC	012
Geloso	020
General	007
General Technic	014 033
GoldHand	020
GoldStar	011
Goodmans	005 007 009 011 020 021
Granada	003 012 018
Grandin	005 007 011 020
Grundig	012 013 015 018 020 022 023 040 064
Hanseatic	011 012
HCM	020 022
Hinari	020 022
Hitachi	012 058
Hypson	020
Impego	007
Inno Hit	005 007 009 012 020
Innovation	014 033 034
Interbuy	011
Interfunk	012
Irradio	011 020
ITT	024
ITV	005 011
JVC	024 025 026 027 028 051 075 083
Kaisui	020
Karcher	012
Kendo	005 007 016
Korpel	020
Lenco	005
Leyco	020
LG	011 054 068
Lifetec	014 033 034 039
Loewe	014 017
Loewe Opta	011 012 018
Logik	009 020
Lumatron	005 019
Luxor	021 029
Magnum	034
Manesth	016 020
Marantz	012 018 021
Matsui	011
Mediator	012
Medion	014 033 034 039
Memorex	003 011
Memphis	020
Metz	014 015 017 018
Micromaxx	014 033 034 039
Microstar	014 033 034 039
Minerva	015 018
Mitsubishi	012 025 029
Multitech	007 012 020
National	013 014
NEC	025
Neckermann	012
NEI	012
Nesco	020
Nikkai	007
Nokia	003 009
Nordmende	024 025
Oceanic	003
Onkyo	033
Osaki	011 020
Otto Versand	012
Palladium	011 018 020
Panasonic	013 014 017 036 044 047 062 070 076 079 082
Philips	002 012 018 023 024 037 041 043 049 050 055 059 065 066 069 071 073 074 012
Phonola	012

Pioneer	012 025
Portland	005 007
Profex	020
Proline	022
Pye	012
Quelle	012 015 018
Radiola	012
Rex	024
RFT	007 012
Roadstar	005 009 011 020
Saba	024
Saisho	020
Salora	029
Samsung	009 033 034 052 063 081
Samurai	007
Sansui	025
SBR	012
Schneider	005 007 011 012 016 020
SEG	009 020
SEI-Sinudyne	012
Senra	007
Sentron	020
Sharp	003 004 021 057 080
Shintom	020
Shivaki	011
Siemens	011 015 018
Silva	011
Sinudyne	012
Solavox	007
Sonoko	005
Sonorlor	003
Sontec	011
Sony	006 008 010 031 032 035 038 045 046 048 067 072 077
Standard	005
Sunwood	020
Tandberg	015
Tashiko	003
Tatung	012
TCM	014 033 034 039
Tec	007
Technics	013 014
Telefunken	024 025 026 030
Tenosal	020
Tensai	011 020
Tevion	014 033 034 039
Thomson	000 001 024 025 026 053
Tivo Hdd	038
Tokai	011 020
Tonsai	020
Toshiba	012 016 024 029 042 056 060 061 078 084 085
Towada	020
Towika	020
TVA	007
Uher	011
Unitech	009
United Quick Star	005
Universum	011 012 015 018 023
Victor	025 026
Videon	014 033
Weltblick	011
Yamishi	020
Yokan	020
Yoko	007 009 011 020

## DVD

<b>CD</b>	
Innovation	031
Lifetec	031
Magnum	031
Medion	031
Micromaxx	031
Microstar	031
TCM	031
Tevion	031
<b>DVD</b>	
Aiwa	022 108
Akai	016
Alba	068
Apex	034
Brandt	054
Bush	069 076 115
Classic	028
CyberHome	047 073
Daewoo	003 004 005
Daytek	048 070
Denon	033
Denver	026
DK Digital	074
Dmtech	001
Elta	013 027
Emerson	020
Fisher	023
Go Video	015
Goodmans	100
Grundig	017 025
Harmon/Kardon	039
Hitachi	015 031 082 090 104 109 116
Innovation	018
JVC	010 058 062 075 079
Kenwood	037
LG	020 053 056 091
Life	018
Lifetec	018
Loewe	017 114
Marantz	024 101
MBO	040
Medion	002 018
Micromaxx	018
Microstar	018
Mitsubishi	014
Mustek	028 045 113

NAD	038
Nakamichi	042
Onkyo	019
Oritron	018
Panasonic	067
Philips	011 017 024 044 049 071 083 086 089 097 101
Philips Magnavox	011
RCA	029
Saba	054
Sampo	030
Samsung	015 052 060 064 088 093 095 111
Sanyo	084
Schneider	001 002 018 117
Scott	065
SEG	036 055 080 117
Sharp	038 078
Sherwood	035
Shinco	029
Skymaster	027 028
Sony	012 050 051 057 066 072 081 085 102 105
TCM	018
Tevion	018
Thomson	000 008 009 054 059 098 103 106 107 112
Toshiba	011 046 094 096
Wharfedale	021
Yamaha	032
Yamakawa	041
Zenith	020
<b>DVD Recorder</b>	
JVC	077
Philips	061 063 092 099
<b>DVD/VCR Combo</b>	
Bush	076
Hitachi	082
Philips	089
Samsung	064 088 095
<b>HTIB</b>	
DK Digital	074
Mustek	113
Thomson	103
<b>Portable DVD</b>	
Bush	087
Yukai	110
<b>TV</b>	
Thomson	006 007 043
<b>TV/DVD Combo</b>	
Bush	115
Goodmans	100
Thomson	107

## SAT

<b>SAT</b>	
Akai	027
Alba	081
Allsat	027
Amstrad	022
Asat	027
Astra	082
Astro	005 006
Blaupunkt	005
Brain Wave	007
Brandt	030
BT Satellite	030
Bush	008 081
Chaparral	017
Chess	024 031
CityCom	081
Clatronic	007
Connexions	004 009
Daeryung	004
Diskxpress	009
DNT	004 027
Echostar	004 031
Elta	027
Emme Esse	008
Ep Sat	081
Eurodec	041
Ferguson	008 010 041 081
Finlandia	081
Finlux	081 082
Finnsat	041
FTE	013
Fuba	004 005 027
Goodmans	081
Granada	082
Grundig	003 005 008 012 026 040 081
Hanseatic	016
Hantor	007
Hirschmann	005 024
Hisawa	007
Hitachi	008 081
Huth	007
Innovation	016 031 032
ITT Nokia	008 081 082
ITT/Nokia	009
Johansson	007
Kathrein	005 006 013 014 015 017 025 027 043 044
Kosmos	013
Kreiselmeier	005
Leng	007
Lenson	011
Lifesat	016 031 032
Lifetec	016 031 032
Luxor	082
Lyonnaise	041
Macab	041
Manhattan	008 081
Marantz	027
Maspro	008 017 081

Matsui	030
MB	016
Medion	016 031 032
Mega	027
Metronic	049
Metz	005
Micromaxx	016 031 032
Microstar	016 031 032
Minerva	005
Mitsubishi	005 030 081
Morgan's	027
Multichoice	040
Multistar	013
Multitech	031 032
Navex	007
Neuhaus	011
Nokia	008 009 081 082
Nordmende	010 025 041 081
Novis	007
Okano	013
Otto Versand	005
Pace	005 008 018 081
Palcom	011
Panasonic	008 081
Panda	081
Philips	003 008 012 018 019 026 027 029 038 039 042 081
Phonotrend	081
Polsat	041
Predki	007
Promax	081
Quelle	005
Quiero	041
Radiola	027
Radix	004 047
RFT	027
Saba	008 010
Sabre	081
Sagem	041
Salora	082
Satcom	016
Satec	008
SatPartner	007
Schneider	031 032
Schwaiger	014 016 032
Seemann	004
SEG	007 016 022 050
Siemens	005
Skymaster	016 023 024 031 032 033 034 035 036 037 045
Skymax	027
SR	010
Starland	031
Starring	007
Strong	009
Tandberg	041
Tantec	008 011 081
TCM	016 031 032
TechniSat	004 011 020 021 046
Telesat	016
Telefunken	008 028 030
Teleka	004
Telesat	016
Telesar	011
Televex	081
Tevion	016 031 032
Thomson	000 001 002 010 028 030 041 081
Thorn	008 081
Tonna	081
Triax	005 011
Unitor	007
Universum	005
Variostat	005
Ventana	027
Visiosat	007 031
VTech	019
Wevasat	081
Wewa	081
Winersat	007
Wisi	004 005 081
Zehnder	013 014 022 048 049
<b>SAT-DVR</b>	
BSkyB	062
Medion	060
Pace	055
Alba	063
Amstrad	057
Anttron	063
Astro	063
AudioTon	063
Boca	064 066 071 080
BSkyB	057
Cambridge	064
Exator	063
FTE	064
Grundig	057
Hirschmann	061
Humax	054 056
JOK	065
Kathrein	053 063
KR	063
Kyostar	063
Lasat	064
Metronic	063
Morgan's	064
Nokia	074 075
Octagon	063
Pace	057
Panasonic	057
Philips	063
Preisner	064
Radix	058 068 077
Rainbow	063
Saba	065

Schacke	063
SEG	067 072 076 079
Siemens	064
Sony	052
Strong	069
TechniSat	051 070 078
Teleciel	063
Teleka	063
Visiosat	065
V-Tech	065
Wisi	065 073
Zodiac	063
Hauptpaage	059

## CBL

### Cable Box

Alcatel	024 025
Amstrad	000
Arcon	000
Axis	000
Cabletime	001 002 003 018 019 021
Clyde Cablevision	004
Cryptovision	005
Fidelity	000
Filmnet Cablecrypt	006 020
Filmnet Comcrypt	006
Finlux	008
France Telecom	022 023
GEC	004
Gooding	007
Grundig	000 007
Hirschmann	008
ITT Nokia	008
Jerrold	014 016
JVC	007
Macab	023
Maspro	007
Matsui	007
Minerva	007
M-Net	020
Movie Time	013
Nokia	008
Palladium	007
Philips	007 015 022 023
Pioneer	000 009 010
PVP Stereo Visual Matrix	016
Sagem	023
SAT	000
Scientific Atlanta	011 012
Tele +1	006
Tele+1	020
Telepiu	020
United Cable	016
Universum	007 008
Videoway	017
Visiopass	008 022 023
Wittenberg	000

## AUDIO Devices

### Amplifier

Denon	003
JVC	006
Marantz	021 022
Pioneer	008 019 020
Sony	002 004 018 023 024
Teac	017 025
Yamaha	007 011 026 027 028 029