



USRC
Universal System
Remote Control
for Russound and A-BUS®
Installation Manual

Introduction

The USRC Remote Control is the complete solution for all of your remote control requirements. It is designed to operate source devices and all Russound and A-BUS audio systems via the system keypad or IR receivers. Pre-programmed to control Russound devices, the remote also features learning capabilities.

The USRC is pre-programmed to control Russound and A-BUS devices.

For Russound devices use code **31302**
For A-Bus devices use code **31413**

Installing Batteries

- 1 Remove battery cover.
- 2 Insert 2 AA batteries. Match the + and - marks.
- 3 Replace battery cover.

Note: the LED will blink 5 times with each key press when batteries need replacement.

LED FEEDBACK FOR PROGRAMMING

2 BLINKS = SUCCESS
1 LONG BLINK = FAILURE

Device Setup

- 1 Press the mode key for the device you wish to set up.
TV DVD STB R
- 2 Press and hold SET until the red LED blinks twice.
SET
- 3 Enter the 1st code for your brand from the code list.
1 2 3
4 5 6
7 8 9
0
- 4 Press power key to test with your equipment. If the device turns off, setup is complete.
POWER
- 5 If device does not turn off, then repeat SETUP METHOD using the next code for your brand.
!

Code Search

- 1 Press the mode key for the device you wish to set up.
TV DVD STB
- 2 Press and hold SET until the red LED blinks twice.
SET
- 3 Enter in 9-9-1, then the device group number.
9 9 1
- 4 Aim the remote at the device and press the Channel + key. If the device responds, go to step 5. If the device does not respond, press Channel + to try the next code and repeat until the device responds and go to step 5.
CH +
- 5 Press the SET key to save the code. Repeat step 1-5 to search for other device codes.
SET

Checking the Code

- 1 Press the mode key for the device you wish to set up.
TV DVD STB R
- 2 Press and hold SET until the red LED blinks twice.
SET
- 3 Enter in 9-9-0
9 9 0
- 4 Press and release the digit 1 and count the number of times the LED flashes (e.g. three flashes = 3) if the LED does not flash, this part of the code is 0. Repeat this process using digits 2-5 and record the code number:
1 2 3 4 5

Device Codes:

STB Code: [][][][][][]
TV Code: [][][][][][]
DVD Code: [][][][][][]

Learning

- 1 Press and hold SET until the red LED blinks twice.
SET
- 2 Enter in 9-7-5 the LED will flash twice after the 5.
9 7 5
- 3 Press and release the device in which you want to learn a command.
TV DVD STB
- 4 Aim the remotes head to head 1 to 2 inches apart and press the key to store the learned code followed by pressing the key on the original remote to be learned.
Position remotes 1-2 inches apart
TV DVD STB
- 5 Repeat step 4 to learn additional keys. Hold the Set key to exit Learning Mode.
SET

Deleting a Learned Key

- 1 Press the mode key for the device you wish to set up.
TV DVD STB
- 2 Press and hold SET until the red LED blinks twice.
SET
- 3 Enter 9-7-6. The LED will flash twice after the 6.
9 7 6
- 4 Press and release twice the key with the learned data to be deleted. The LED will blink twice.
TV DVD STB
- 5 Repeat steps 1-4 to delete additional keys.
TV DVD STB

Deleting all Learned Keys for Specific Mode

- 1 Press and hold SET until the red LED blinks twice.
SET
- 2 Enter 9-7-6. LED will flash twice after 6.
9 7 6
- 3 Press the mode key twice for the device you wish to clear all learned codes from. The LED will blink twice.
TV DVD STB
- 4 Repeat steps 1-3 to delete all learned keys for the other modes.
TV DVD STB

Codes: Cable Converters

ADB	01481, 01585, 01920, 10927, 02347, 02586, 03028
Changhong	03108
Chungwa	03647
Cisco	01877, 03256, 03028, 02947, 02742, 02589, 02563, 02506, 02401, 02378, 02345, 02271, 02132, 02047, 01982, 01883, 01582, 00858
Com Hem	00660, 02015, 02447, 02382
Darty Box	02436
DASAN	02683
Deutsche Telecom	02132
Digi	02762
Digicable	03382
DSD	03340
DST	03389
Du	02401
Durabrand	0171, 0178, 0463, 0180, 1570, 1665
Dynex	2049, 1785, 1463, 2184
Electrograph	1755
Electrohome	0463, 1570, 1670
Echostar	02995, 03452
Entone	03048
Evolution	02745, 02746
Fastway	03382
Finnest	02030, 02832
Freebox	01482, 01976
Hikari TV	03322
Hisense	02887
Homecast	02997, 03389
Huawei	02894, 03317
Humax	00660, 01981, 01983, 02043, 02165, 02447, 02620, 02883, 02762, 02832, 02889, 03075, 03101, 03560, 03670
HYA	02989
J-COM	02703
Kaon	02746, 02889, 03389, 03407
Kreatel	01385, 02030
Linksys	02271
Magio Sat	02132
Mio	02802
Mitsubishi	03444
MOD	03647
Motorola	01376, 00858, 01562, 01982, 10998, 02030, 02378, 02401, 02437, 02894, 02952
Moviestar	01585
Moxi	02187
Neuf TV	03107
Nex-Tech	02482
NIB	03322
NTL	01060
Pace	01376, 01877, 01060, 01582, 01883, 01982, 02401, 02620, 01582, 02294, 03560
Philips	01877, 01060, 03783, 03415, 03477, 03407, 03340, 03322, 03319, 03265, 02955, 20889, 02683, 02610, 20589, 02407, 02015, 01987
Scientific Atlanta	01877, 00858, 01982, 01987, 02047, 02345, 02401, 02436, 02506, 03028
Seans Media	02162
Seokyoung	03340
Serbia Broadband	02506
SFR	03170
Sky	02620
Skyworth	02982, 03492
Smartlabs	03611
Smile Content	02437
SMT	03527
SMtronics	03319
Stofa	02015
T-Home	02132
Technicolor	01982
Tele2	00660, 02447
Thomson	01582, 01981, 10982, 0193, 02407, 03007
Tivo	03265, 03560
Vector	02030
VeeTV	03231
Verizon	02378
Virgin Media	01060, 01987, 02563, 03265
Vodafone	02401
Wbox	02832
Ziggo	00660, 02015, 02401, 02447, 02589, 02762, 03607
Zinwell	03139

Codes: Satellite Receivers

@sat	01300
@Sky	01334
Acoustic Solutions	01284
ADB	00642, 02553, 02743
AEG	02738, 02813
Agora	01284
Airis	02813
Airtel	02248
Akira	02738
Akita	01986
Akura	01626

Alba	01284, 02034
Alltech UEC	01959, 01775, 01662, 01693, 10848, 02467
Ansonic	02418
Aonvision	02279
Armon	01300
ASA	00740
ASCI	01334
Astell	01986, 02418
Atom	02289
Austar	00879, 00642, 01459
Austrisat	02631
Auvisio	02738, 02813
Beijing	03299
Blackdiamond	01284
Blapunkt	00173
BskyB	00847, 01175, 01662
Bush	01284, 01291, 01626, 01935, 02034, 02376, 02418, 02813, 03439, 03652
Cablecom	01195, 01197
Canal+/Digital	00853, 02466, 02631, 02957, 01334, 01780, 02553, 01986, 01995, 01997, 02107, 02657
Changhong	03308
Chess	01334, 01626, 02026
Cisco	00842
Claro	03787
CMX	02205
Com Hem	01176, 01915
Crown	01284
Cyfra+	00853, 00253, 02262, 02527
D-Box	01114
Dantax	01626
DASAN	03321
Delta	02442
Digi	02026
Digihome	01284, 01935, 02034
DigitalBox	01100, 01631, 02289, 02540
Digiturk	02097
DirecTV	01377, 00099, 01442
DishNetwork	00775
DishTV	01300, 01780
Dream Multimedia	01237, 01652, 01923, 01284, 02034
DSE	02418, 02813
Durabrand	01284, 02034
Echostar	00775, 00853, 01409, 02262, 00740
Elless	02796
Embratel	02796
Engel	01631, 02289, 02418, 02813
Eurphon	00299, 01334
Eversham Technology	02034
Ferguson	01291, 01935, 02638
Foxtel	00879, 01176, 01356
Fubu	00173, 00299, 02750
Fuji Onkyo	01631, 02728
General Instrument	00869
Goodmans	01284, 02034, 02376, 03439, 03652
Gradiente	00856, 00099
Gran Prix	00740
Grandin	01626
Grundig	00847, 00853, 00173, 00879, 01284, 01291, 01672, 01780, 02034, 02376
Haier	02418
Hanseatic	01099, 01100
Hirschman	00173, 00299, 00740, 02026
Hitachi	01284, 02034
Huawei	03787
Hughes Network System	01377, 01442
Humax	01377, 01176, 01427, 01808, 01815, 02144, 02231, 02289, 02408, 02443, 02754, 03140, 03321
Icecrypt	02538
Illusion	01631
Imagin	01195, 01197
Imperial	01195, 01197, 01334, 01429, 01672
Inverto	03095
IPM	03567
IQ	02813
ITI Neovision	02743

Codes: TV

A.R. Systems	10556, 10037
Accent	10037
Acoustic Systems	11037, 11523, 11585, 11667
Action	10650
Addison	10635
ADL	11217
Admiral	10093
Advent	11570
AEG	11037, 12197
Affinity	13577, 13717
Aiko	10037
Aim	10037
Aiwa	11362
Akai	10812, 10702, 10765, 10556, 10037, 10714, 10208, 10672, 11362, 11385, 11523, 12414, 12676, 13067, 13183
Akiba	10037
Akito	10037
Akura	10171, 10037, 10714, 11037, 10443, 11585, 11667, 11687, 10037, 10714, 11037, 10443, 11585, 11667, 11687, 11983
Alfide	10672
Alien	11037
Allstar	10037
Amstrad	10171, 10037, 11037

Anam	110250, 10037, 10650
Andersson	11585, 12676
Anitech	10037
Ansonic	10037
AOC	10093, 10625, 11589, 12087
Apex Digital	10765, 11217, 12397
Ardem	10037, 10714
Arena	10037
Ario	12397
Aristona	10556, 10037
ART	11037
Art Mito	11585
Asberg	10037
Astra	10037
ATD	10698
Atlantic	10037
Audiosonic	10037, 10714, 11983, 12104
Audiovox	11564
Auria	12087
Autovox	12676
Aventura	10171
Axon	10714
Baird	10208
Barco	10556
Base	10698, 11570
Basic Line	10556, 10037, 11037
Bauer	12197
BBK	11523
Beijing	10812, 10208
Beko	10037, 10714, 12125
Bell & Howell	10017
Belson	10698
Belstar	11037
BenQ	11523, 11756
Bensten	11326, 11570
Beon	10037
Berthen	10556
Bestar	10037
Bestwell	11326
Bexa	12493
BGH	10898, 12414
Black Diamond	11037
Blapunkt	10195, 12426
Blue Sky	10556, 10037, 10625, 10714, 11037, 13997
BlueDiamond	12426
Bluetech	12561, 12844
bogo	10898, 12414
BPL	10037, 10208
Brandt	10625, 10714, 11585
Brinkmann	10037
Brionvega	10037
Britania	12414
Broksonic	11892
Bush	10556, 10037, 10714, 11037, 10698, 10208, 10443, 11585, 11589, 11667, 11983, 12104, 12125, 12676
Cameron	11523
Camper	10037
Canca	11326
Carad	11037
Carena	10037
Carrefour	10037
Cascade	10037
Casio	10037
Cathay	10037
CCE	10037, 13782
Celcus	11585, 12676
Celera	10756
Centrum	11037
Centurion	10037
Champion	11362
Changhong	10156, 10765, 10508, 11498, 13434, 13538
CHL	13067
Chun Yun	11687, 11756
Cinema	10672
Clarivox	10037
Clatronic	10037, 10714
Clayton	11037
CMX	13067, 13327
Coby	12344, 13478, 13627
Commercial Solutions	11447
Condor	10037
Conia	11498, 11523, 11687
Conrowa	10156, 10698
Contec	10037
Coradir	12844
Cosmel	10037
CPTEC	10625
Crown	10037, 12352, 12397, 12855, 13362, 13577
Crown Mustang	10672
Crypton	11667
CTX	11756
Curtis	11326, 12352, 12397, 12855, 13362, 13577
Curtis Mathis	10093, 10702, 11661, 11959
Cyberpix	11667
Cyrton	11326
D-Vision	10556, 10037, 12197
Daenyx	10672
Daewoo	11661, 19556, 10037, 10634, 10672
Dansai	10037, 10208
Dantax	10714, 11037, 12676
Datsura	10208
Dawa	10037
Daytek	10672
Daytron	10037
De Graaf	10208

DEC	11326
Decca	10037
Dell	11863
Denver	10037, 12197, 13067
Demet	10037
Diamant	10037
Diamond	10698, 10672
Digatron	10037
Digihome	11667, 12676
Digiline	10037
Digitor	10037, 10698
Digitrex	13067
Dikom	12561
diVision	12197
Dixi	10037
DL	11326
Drean	10037
DSE	10698, 11326
Dual	10037, 10714, 11037, 11570
Dumont	10017
Durabrand	10171, 10714, 11037, 11570
Dux	10037
Dynatron	10037
Dynex	12049
e-motion	12426
E.S.C.	10037
Easy Living	11217, 12005, 12104
ECE	10037
ECG	12125, 12197
Elbe	10556, 10037
Electrograph	11755
Electrohome	11570, 11670
Electron	12855
Elektra	10017, 11661
Element	11687, 11886, 12183, 12964, 13559
Elfunk	11037, 11208
ELG, Elin, Elite	10037
Emerson	10171, 11661, 10037, 10714, 11394, 11864, 11886, 11944, 11963, 12183, 13559
Envision	11506, 11589,

Plantron	10037
Playsonic	10037, 10714
Polaroid	10765, 11326, 11385, 11498, 11523, 11687, 12125, 12676
Polyvision	11144
Portland	11661
Powerpoint	10037, 10698
Prestiz	13419
Prima	11749, 11753, 12197
Princess	11326
Prinston	11037
Pro Vision	10556, 10037, 10714, 12197
Protronic	10037
Proline	10037, 10625, 10634, 11037, 12676
Proscan	11447, 12147, 12183, 12256, 13382, 13577
Proscop	10156
Prosonic	10037, 10714, 11523, 11585, 11667, 12125, 12197, 12676
Protech	10037, 11037
Proview	11498, 11687
Pulsar	10017
Pye	10556, 10037
Qingdao	10208
Quadro	11326, 11667
Quasar	10250, 10650, 11291, 11924, 11927
Quelle	10037, 10195, 11037, 10512
R-Line	10037
Radiola	10556, 10037
Radiomarelli	10037
Radioshack	10037
Radiotone	10037, 11037
RCA	10093, 11661, 11447, 11454, 10625, 13717, 14577, 13426, 13419, 13382, 12932, 12855, 12746, 12434, 12247, 12187, 12183, 11959, 11718, 11385
Reccor, Rectiligne, Red Star	10037
Reflex	10037, 11037
Relisys	11585
Remotec	10250, 10093, 10171, 10037
Reoc	10714, 12197
Revox, RFT	10037
Roadstar	10037, 10714, 11037
Rova	10037, 10698, 10898
Runco	10017
S-Media	11217
Saba	10250, 10093, 10171, 10037
Saga	12197
Saivod	10037, 11037
Sakura	11326
Salora	10208, 12125, 12917
Sampo	10093, 10171, 10650, 10898, 11385, 11755, 13419
Samsung	10156, 10812, 10702, 10556, 10037, 10650, 10208, 11458, 11632, 11959, 12051, 12953
Sandstorm	12197
Sansui	10171, 10037, 10714, 10898, 11670, 11892, 13559
Sanyo	10156, 11037, 10508, 10208, 11142, 11208, 11362, 11498, 11585, 11667, 12461, 12676
Sanyuan	10093
SBR	10556, 10037
Sceptre	11217, 11360, 12528
Schaub Lorenz	10714, 11667, 12125, 12197, 12676
Schneider	10556, 10037, 10714, 11037, 11585, 12676
Schöntech	11037
Scott	11983
Scott	11983
Seas	10156, 10171
Sealver	10634
SEG	10037, 11037, 11523, 12125, 13434
SEI, Sei-Sinudyne	10037
Seiki	12694, 13559
Semp, Semp Toshiba	10156, 11743, 13793
Sencor	10714, 12197, 13067
Senzu	12493
Seria Dorada	10156
Serino	10093
Sharp	10093, 10650, 10818, 11393, 11423, 11659, 12360, 12676
Sheng Chia	10093
Shinelco	12104
Shintoso	10037
Shivaki	10037, 10443
Silva, Silva Schneider	10037, 12125, 12197
SKY	10037
Skworth	10037, 10698, 12899
Sogo	13067
Solavox	10037
Soniko	10037
Soniq	12493
Sonitron	10208
Sonneclair, Sonoko	10037
Sonorlor	10208
Sontec	10037
Sontech	11983
Sony	11505, 10810, 11385, 11651, 11825, 12778
Soundwave	10037, 11037
Sowa	10156
Soyea	10698, 11743
Spectroniq	11498, 11687
Squareview	10171
SR Standard	10037, 11037
STI	13793
Strato	10037

SunBriteTV	11610, 12528
Sunny, Sunstar	10037
Suntech	12676
Sunwood	10037
Superscan	10093, 10864, 11944
Supersonic	10208, 11753, 12104
Supertech	10556, 10037
SVA	11326, 11398, 11963
Svasa	10208
Swisstech	12104, 12106
Sylvania	10171, 11394, 11864, 11886, 11944, 11963
Symphonic	10171, 11394, 11044
Synco	10093, 11755
Syntax	11144, 11240, 11610
Sysline	10037
Tandy	10093
Tashiko	10650
Tatung	10156, 10037, 11687, 11756
Taurus	12197
TLC	10698, 10898, 12414, 12434, 13047, 13183, 13426
TCM	10714
Teac	10171, 10037, 10714, 11037, 10698, 10512, 110898, 11755, 11983
Tec	10037
Tech Line	10037, 11585
Technica	11037, 12106, 12426
Technics	10250, 10556, 10650
Technika	11676, 11983, 12106, 12125, 12197, 12426, 12676, 13067
TechniSat	10556
Technisson	10714
Techno	11585
Technosonic	10556, 10625, 11326
Techwood	11037, 11667, 12676
Tecnimagen	10556
Teco	10093, 10653, 11523, 11687
Tedelex	10208
Teknika	10150
Tele Systems	11585, 12125
Telefunken	10702, 10037, 10625, 10714, 10698, 11326, 11585, 11667, 12414, 12676
Telestar	10556, 10037
Teletech	10037, 11037
Tesco	12426
Tesla	10556, 10037, 10714, 11037
Tevion	10556, 10037, 10714, 11037, 11498, 11585, 11667, 11687, 12125, 12197
Thomson	11447, 10037, 10625, 13047
Thorn	10037, 10512
Tiane	10093
TML	11756
TNCI	10017
Top House	10672, 11385
Toshiba	10156, 10093, 10195, 11037, 10650, 10508, 11508, 11524, 11498, 11585, 11667, 11687, 12724, 13105
Transonic	10037, 10698, 10512, 11326
Triad	10556
Trio	11498, 11687
Triumph	10556, 10037
UMC	12106, 12426
Uniden	11667, 12676
United	10556, 10714, 11037, 11523, 11983, 12125
Universal	10037, 10714
V7 Videoseven	11217, 11755
Venus	11326
Vestel	10037, 11037, 11585, 11667
Victor	10250, 10650, 10653
Videocon	10037, 10508
Vision Plus	12426
Visual Innovations	12106
Vivax	11326
Vizio	10864, 10885, 11756, 11758, 12512, 12707, 12757, 13415, 13758
Voxson	10037, 11667, 12197
Vue	11570
Walker	11585, 11667, 12676
Waltham	10037, 11037, 10443
Wards	10017, 10156
Watson	10037, 10714, 11037
Waycon	10156
Westinghouse	10885, 11217, 11712, 11755, 12293, 12397, 13094, 13382, 13470, 13579
Westwood	11585
Wharfedale	10556, 10037, 11667, 11983
White Westinghouse	11661, 10037, 10556
Wilson	10556
Windy Sam	10556
Wintel	10714
World-of-Vision	11217
Xenius	10634
Xiahua	10698
Xiron	11037, 10983
XLogic	10698
Xococo	10037, 12461
Xoro	11217
Yamaha	10650, 11576
Yapshe	10250
Yokan, Yoko, YU-MA-TA	10037
Zenith	10017, 11661, 11423, 12358
Zepito	11585
Zonda	10698

Codes: Amplifiers	
Denon	30272, 32706
Harmon/Kardon	33045
Logitech	31408
Marantz	32138
Onkyo	32878
Vision Plus	12426
Visual Innovations	12106
Vivax	11326
Vizio	10864, 10885, 11756, 11758, 12512, 12707, 12757, 13415, 13758
Voxon	10037, 11667, 12197
Vue	11570
Walker	11585, 11667, 12676
Waltham	10037, 11037, 10443
Wards	10017, 10156
Watson	10037, 10714, 11037
Waycon	10156
Westinghouse	10885, 11217, 11712, 11755, 12293, 12397, 13094, 13382, 13470, 13579
Westwood	11585
Wharfedale	10556, 10037, 11667, 11983
White Westinghouse	11661, 10037
Wilson	10556
Windy Sam	10556
Wintel	10714
World-of-Vision	11217
Xenius	10634
Xiahua	10698

Codes: Audio Accesories	
Harman/Kardon	33517
JBL	33235
LG	33217
Panasonic	33409
Polk Audio	33249
Tec	32660
Sharp	33097
Sony	32610
Toshiba	33267
VIZIO	32454
Yamaha	32458
ZVOX	32332

Codes: CD's	
AH!	30157
Aiwa	30157
Arcam	30157
Audio Research	30157
Audion	30157
AVI	30157
Cairn	30157
California Audio Labs	30303
Cambridge Audio	10037
Carver	30157
CCE	30157
Cyrus	30157
Denon	30626
DKK	30000
DMX Electronics	30157
Dynaco	30157
Genexa	30000
Goldmund	30157
Harman/Kardon	30157
JVC	30072
Kenwood	30626, 30157, 30036
Krell	30157
Linn	30157
Loewe	30157
Magnavox	30157
Marantz	30626, 30157
Matsui	30157
Meridian	30157
Micromega	30157
Miro	30000
Mission	30157
Myryad	30157
NAD	30000, 30721
Naim	30157
NSM	30157
Optimus	30000
Panasonic	30303
Philips	30636, 30721
Polk Audio	30157
Primare	30157
Proton	30157
QED	30157
Quad	30157
Radiola	30157
Restek	30157
Revox	30157
Rotel	30157
SAE	30157
Sansui	30157
SAST	30157
Siemens	30157
Silsonic	30036
Simaudio	30157
Sonic Frontiers	30157
Sony	30490, 30000
Sylvania	30157
TAG McLaren	30157
Technics	30303
Thule Audio	30157
Traxdata	30626
Uversum	30157
Victor	30072
Wards	30000, 30157
Yamaha	30490, 30036
Zonda	30157

Codes: Receivers	
Bose	31229
Cambridge Audio	31647
Daewoo	31293
Denon	31360, 32516, 32681, 32857, 32861
Digeo	32861
Fonmix	31360
Harman/Kardon	31304
Integra	30135, 31320, 31805
JBL	31304
JVC	30074
Kenwood	31313, 31293
LG	31293, 32197
Logitech	32436
Magnavox	31269, 31831
Marantz	31269, 31289, 32114
McIntosh	31289
Medion	31297
NAD	30320
Nakamichi	31313
Onkyo	31035, 31320, 31805, 33259
Optimus	31023
Palladium	31293
Panasonic	31518, 31763, 31779, 31831, 33309, 33425
Philips	31269, 31289, 31673, 31831, 32459, 33005
Pioneer	31023, 31123, 31459, 31935
Polk Audio	31289
Radionette	31293
RCA	31023, 31123, 31459
Samsung	31295, 31304, 31868, 32809
Silsonic	30176
Sony	31441, 31579, 31622, 31112, 31158, 31454, 31758, 31822, 31858, 32809
Stereophonics	31023
Sunre	31313
Sungoo	31313
Targa	31293
Technics	31518, 31763
Toshiba	31123
MTC	31293
Victor	30074
Yamaha	30176, 31276, 31776, 31815, 32061, 32467, 33030
Zenith	31293, 32197

Codes: VCR's	
Admiral	20048
Aiwa	2037, 20032, 20742, 21137
Nikko	20037
Noblex	20240
Nokia	20048, 20081, 20240
Normende	20067
Oceanic	20048, 20081
Optimus	20037, 20048
Orion	20742
Osaki	20037
Otto Versand	20081
Pacif	20742
Asha	20240
Palladium	20037
Panasonic	21562
Penney	20037, 20240
Philips	20081, 20749
Phonola	20081
Pilot	20037
Pioneer	20081, 20067
Polk Audio	20081
Protronic	20081, 20240
Calix	20037
Pye	20081
Quelle	20081
Radiola	20037, 20048, 20081
Radiola	20081
Radionette	20037, 21137
Radioshack	20037
Craig	2037, 20081
Crosley	20081
Crown	20037
Myryad	20240
Cybernex	20240
Cyrus	20081
Daewoo	21137
Dantax	20742
De Graaf	20048, 20081
Sanky	20695, 20713, 21233, 22966
Diamant	20037
Dual	20081
Dumont	20081
E. S. C	20240
Electrohome	20037
Electrohome	20037
Elin	20240
Sears	20037
Emerex	20032
Emerson	20037, 20240
ESA	21137
Feruson	20742
Fidelity	20240
Finlux	20081
Firstline	20037, 21137
Fujitsu General	20037
GE	20048, 20240
GEC	20081
Go Video	20240, 21137
Goldstar	20037, 21137
Goodmans	20037, 20081, 20240, 20742
GPX	20037
Gradiente	21137
Graetz	20240
Granada	20037, 20048, 20081, 20240
Grandin	20037, 20742
Grundig	20081, 20742
Hanseatic	20037, 20081

Haojie	20240
Harman/Kardon	20081
Hinari	20240
Hitachi	20037, 20081, 20240
Hornbyphon	20081