

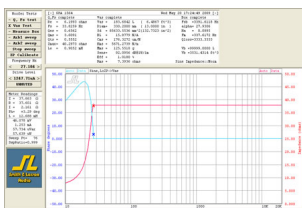
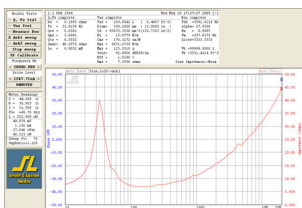
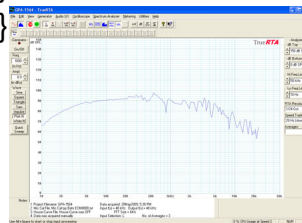
GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18



{rokbox}images/stories/product/gpa1564a.jpg{/rokbox}
{rokbox}images/stories/product/gpa1564b.jpg{/rokbox}
{rokbox}images/stories/product/gpa1564c.jpg{/rokbox}
{rokbox}images/stories/product/gpa1564d.jpg{/rokbox}
{rokbox}images/stories/product/gpa1564e.jpg{/rokbox}



SPECIFICATIONS

| | |
|------------------------|--------------|
| Nominal diameter | : 380mm.15in |
| Nominal Impedance | : 8 ohm |
| Program Power | : 600w |
| Continuous Power (RMS) | : 300w |

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

Sensitivity (1w/1m) : 98dB
Frequency range : 48 – 3KHz
Voice coil diameter : 63.7mm
Voice coil length : 16mm
Magnet dimension : 180mm x 20mm

--- BassBox Pro Version 3.03, Export Thiele-Small Format
--- May 20,2009, Wed 5:24PM
--- GPA 1564
--- Parameters marked with ** are not tested using the WT2

--- mechanical ---

| | | |
|---------|----------------------------|--------------------------------|
| Fs | 33.826E+00 Hz | Free air resonance |
| Qms | 3.609E+00 | Q mechanical |
| Vas | 183.684E-03 m ³ | Suspension compliance |
| Cms | 176.327E-06 m/N | 1/(suspension stiffness) |
| Mms | 125.552E-03 kg | Moving mass |
| Rms | 7.394E+00 kg/s | Mechanical resistance |
| Xmax ** | 0.000E+00 m | Maximum acoustic linear motion |
| Xmech** | 0.000E+00 m | Mechanical displacement |
| Dia | 330.200E-03 m | Piston diameter |
| Sd | 85.634E-03 m ² | Piston area |
| Vd ** | 0.000E+00 m ³ | Displacement volume |

--- electrical ---

| | | |
|-------|---------------------|---------------------------|
| Qes | 656.154E-03 | Q electrical |
| Re | 6.199E+00 ohms | Voice coil DC resistance |
| Le | 905.239E-06 Henries | Inductance @1 kHz |
| Z | 11.058E+00 ohms | Impedance @1 kHz |
| BL | 15.878E+00 Tm | Motor force - Newtons/Amp |
| Pe ** | 0.000E+00 W | Max Electrical Power |

--- electro-mechanical ---

| | | |
|-----------|---------------|----------------------------------|
| Qts | 555.212E-03 | Q total |
| no | 1.018E+00 % | 1/2-space ref efficiency @ 1m/1W |
| 1-W SPL | 92.096E+00 dB | sensitivity at 1m on-axis |
| 2.83V SPL | 93.203E+00 dB | sensitivity at 1m on-axis |

--- motor constants ---

| | | |
|-----|--------------------|------------------------------------|
| Krm | 1.012E-03 ohms | constant resistive motor impedance |
| Erm | 860.294E-03 | exponent resistive motor impedance |
| Kxm | 21.720E-03 Henries | constant reactive motor impedance |
| Exm | 620.848E-03 | exponent reactive motor impedance |

--- End BassBox Pro Export ---

MATERIALS

Basket

Cone and dust cap

Surround

Voice coil wire

Voice coil bobbin

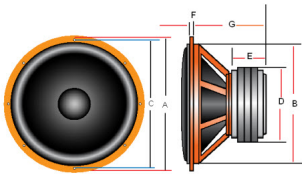
Steel

Paper

Thread coat

Copper crad Aluminium

KSV.



Model

A

B

C

D

E

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

F

G

GMB-612

166mm.

143mm.

155mm.

100mm.

28mm.

4mm.

70mm.

GMB-615

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

166mm.

143mm.

155mm.

100mm.

28mm.

4mm.

70mm.

GML-836

205mm.

183mm.

195mm.

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

120mm.

40mm.

5mm.

97mm.

GPA-1033

257mm.

233mm.

248mm.

120mm.

40mm.

5mm.

100mm.

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

GPA-1036

257mm.

233mm.

248mm.

120mm.

40mm.

5mm.

100mm.

GPA-1239

306mm.

266mm.

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

290mm.

120mm.

40mm.

5mm.

120mm.

GPA-1245

306mm.

283mm.

290mm.

140mm.

35mm.

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

5mm.

120mm.

GPA-1250

315mm.

280mm.

295mm.

156mm.

40mm.

5mm.

130mm.

GPA-1277ND

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

320mm.

283mm.

295mm.

65mm.

10mm.

130mm.

GPA-1550

392mm.

358mm.

375mm.

156mm.

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

40mm.

5mm.

155mm.

GPA-1564

392mm.

358mm.

375mm.

180mm.

40mm.

5mm.

155mm.

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

GPA-1575

392mm.

358mm.

375mm.

180mm.

45mm.

5mm.

160mm.

GPA-1580

397mm.

360mm.

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

380mm.

156mm.

45mm.

15mm.

148mm.

GPA-1899

460mm.

435mm.

445mm.

220mm.

65mm.

7mm.

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

210mm.

GPA-18100

476mm.

423mm.

448mm.

220mm.

80mm.

10mm.

215mm.

GPA-18125

476mm.

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

423mm.

448mm.

270mm.

80mm.

10mm.

221mm.

GPA-2199

540mm.

493mm.

517mm.

220mm.

GPA-1564

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:18

80mm.

10mm.

250mm.

GPA-2125

540mm.

493mm.

517mm.

270mm.

65mm.

10mm.

240mm.

GPA-2155

545mm.

497mm.

520mm.

300mm.

110mm.

15mm.

280mm.