

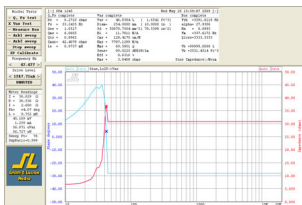
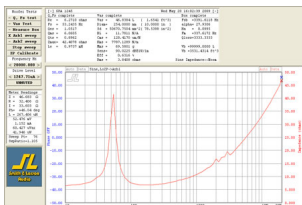
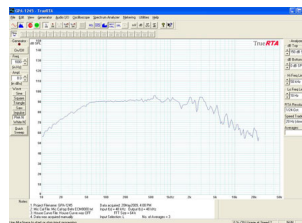
GPA-1245

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:09



{rokbox}images/stories/1245v1.jpg{/rokbox} {rokbox}images/stories/1245v3.jpg{/rokbox}
{rokbox}images/stories/1245v4.jpg{/rokbox}
{rokbox}images/stories/product/gpa1245d.jpg{/rokbox}



SPECIFICATIONS

Nominal diameter	: 300mm.12in
Nominal Impedance	: 8 ohm
Program Power	: 350w
Continuous Power (RMS)	: 250w
Sensitivity (1w/1m)	: 97.5dB

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Frequency range : 56 – 3.5KHz
Voice coil diameter : $\approx 45.5\text{mm}$
Voice coil length : 13mm
Magnet dimension : 145mm x 20mm.

--- BassBox Pro Version 3.03, Export Thiele-Small Format
--- May 20,2009, Wed 3:56PM
--- GPA 1245
--- Parameters marked with ** are not tested using the WT2

--- mechanical ---

Fs	53.243E+00 Hz	Free air resonance
Qms	6.061E+00	Q mechanical
Vas	46.838E-03 m ³	Suspension compliance
Cms	128.417E-06 m/N	1/(suspension stiffness)
Mms	69.580E-03 kg	Moving mass
Rms	3.841E+00 kg/s	Mechanical resistance
Xmax **	0.000E+00 m	Maximum acoustic linear motion
Xmech**	0.000E+00 m	Mechanical displacement
Dia	254.000E-03 m	Piston diameter
Sd	50.671E-03 m ²	Piston area
Vd **	0.000E+00 m ³	Displacement volume

--- electrical ---

Qes	1.052E+00	Q electrical
Re	6.271E+00 ohms	Voice coil DC resistance
Le	973.734E-06 Henries	Inductance @1 kHz
Z	10.828E+00 ohms	Impedance @1 kHz
BL	11.781E+00 Tm	Motor force - Newtons/Amp
Pe **	0.000E+00 W	Max Electrical Power

--- electro-mechanical ---

Qts	896.202E-03	Q total
no	631.611E-03 %	1/2-space ref efficiency @ 1m/1W
1-W SPL	90.022E+00 dB	sensitivity at 1m on-axis
2.83V SPL	91.080E+00 dB	sensitivity at 1m on-axis

--- motor constants ---

Krm	336.671E-06 ohms	constant resistive motor impedance
Erm	959.289E-03	exponent resistive motor impedance
Kxm	17.823E-03 Henries	constant reactive motor impedance
Exm	642.590E-03	exponent reactive motor impedance

--- End BassBox Pro Export ---

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MATERIALS

Basket

Cone and dust cap

Surround

Voice coil wire

Voice coil bobbin

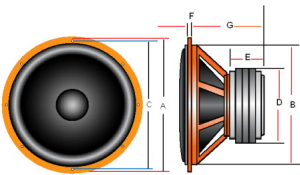
Steel

Paper

Thread coat

Copper

Aluminium



Model

A

B

C

D

E

F

G

GMB-612

166mm.

143mm.

155mm.

100mm.

28mm.

4mm.

GPA-1245

Written by Administrator

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70mm.

GMB-615

166mm.

143mm.

155mm.

100mm.

28mm.

4mm.

70mm.

GML-836

205mm.

GPA-1245

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183mm.

195mm.

120mm.

40mm.

5mm.

97mm.

GPA-1033

257mm.

233mm.

248mm.

120mm.

GPA-1245

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40mm.

5mm.

100mm.

GPA-1036

257mm.

233mm.

248mm.

120mm.

40mm.

5mm.

100mm.

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GPA-1239

306mm.

266mm.

290mm.

120mm.

40mm.

5mm.

120mm.

GPA-1245

306mm.

283mm.

290mm.

GPA-1245

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140mm.

35mm.

5mm.

120mm.

GPA-1250

315mm.

280mm.

295mm.

156mm.

40mm.

5mm.

GPA-1245

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:09

130mm.

GPA-1277ND

320mm.

283mm.

295mm.

65mm.

10mm.

130mm.

GPA-1550

392mm.

GPA-1245

Written by Administrator

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358mm.

375mm.

156mm.

40mm.

5mm.

155mm.

GPA-1564

392mm.

358mm.

375mm.

180mm.

40mm.

GPA-1245

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5mm.

155mm.

GPA-1575

392mm.

358mm.

375mm.

180mm.

45mm.

5mm.

160mm.

GPA-1580

GPA-1245

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397mm.

360mm.

380mm.

156mm.

45mm.

15mm.

148mm.

GPA-1899

460mm.

435mm.

445mm.

GPA-1245

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220mm.

65mm.

7mm.

210mm.

GPA-18100

476mm.

423mm.

448mm.

220mm.

80mm.

10mm.

215mm.

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GPA-18125

476mm.

423mm.

448mm.

270mm.

80mm.

10mm.

221mm.

GPA-2199

540mm.

493mm.

GPA-1245

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517mm.

220mm.

80mm.

10mm.

250mm.

GPA-2125

540mm.

493mm.

517mm.

270mm.

65mm.

GPA-1245

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Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:09

10mm.

240mm.

GPA-2155

545mm.

497mm.

520mm.

300mm.

110mm.

15mm.

280mm.