

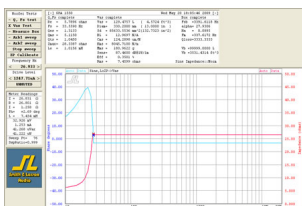
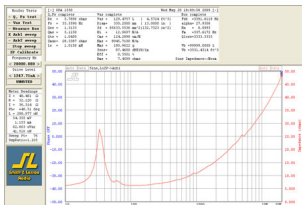
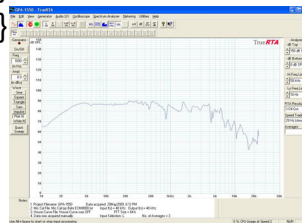
GPA-1550

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:17



{rokbox}images/stories/product/gpa1550a.jpg{/rokbox}
{rokbox}images/stories/product/gpa1550b.jpg{/rokbox}
{rokbox}images/stories/product/gpa1550c.jpg{/rokbox}
{rokbox}images/stories/product/gpa1550d.jpg{/rokbox}
{rokbox}images/stories/product/gpa1550e.jpg{/rokbox}



▣ SPECIFICATIONS

Nominal diameter	: 380mm.15in
Nominal Impedance	: 8 ohm
Program Power	: 400w
Continuous Power (RMS)	: 300w

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Sensitivity (1w/1m) : 97.5dB
Frequency range : 43 – 3KHz
Voice coil diameter : 49.5mm
Voice coil length : 14mm
Magnet dimension : 156mm x 20mm

--- BassBox Pro Version 3.03, Export Thiele-Small Format
--- May 20,2009, Wed 6:05PM
--- GPA 1550
--- Parameters marked with ** are not tested using the WT2

--- mechanical ---

Fs	33.559E+00 Hz	Free air resonance
Qms	5.115E+00	Q mechanical
Vas	129.476E-03 m^3	Suspension compliance
Cms	124.290E-06 m/N	1/(suspension stiffness)
Mms	180.962E-03 kg	Moving mass
Rms	7.460E+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	1.313E+00	Q electrical
Re	5.790E+00 ohms	Voice coil DC resistance
Le	1.016E-03 Henries	Inductance @1 kHz
Z	10.947E+00 ohms	Impedance @1 kHz
BL	12.970E+00 Tm	Motor force - Newtons/Amp
Pe **	0.000E+00 W	Max Electrical Power

--- electro-mechanical ---

Qts	1.045E+00	Q total
no	350.107E-03 %	1/2-space ref efficiency @ 1m/1W
1-W SPL	87.460E+00 dB	sensitivity at 1m on-axis
2.83V SPL	88.864E+00 dB	sensitivity at 1m on-axis

--- motor constants ---

Krm	561.041E-06 ohms	constant resistive motor impedance
Erm	915.468E-03	exponent resistive motor impedance
Kxm	10.727E-03 Henries	constant reactive motor impedance
Exm	692.798E-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

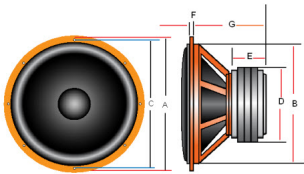
Steel

Paper

Thread coat

Copper

KSV.



Model

A

B

C

D

E

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F

G

GMB-612

166mm.

143mm.

155mm.

100mm.

28mm.

4mm.

70mm.

GMB-615

GPA-1550

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166mm.

143mm.

155mm.

100mm.

28mm.

4mm.

70mm.

GML-836

205mm.

183mm.

195mm.

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120mm.

40mm.

5mm.

97mm.

GPA-1033

257mm.

233mm.

248mm.

120mm.

40mm.

5mm.

100mm.

GPA-1550

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GPA-1036

257mm.

233mm.

248mm.

120mm.

40mm.

5mm.

100mm.

GPA-1239

306mm.

266mm.

GPA-1550

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290mm.

120mm.

40mm.

5mm.

120mm.

GPA-1245

306mm.

283mm.

290mm.

140mm.

35mm.

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5mm.

120mm.

GPA-1250

315mm.

280mm.

295mm.

156mm.

40mm.

5mm.

130mm.

GPA-1277ND

GPA-1550

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320mm.

283mm.

295mm.

65mm.

10mm.

130mm.

GPA-1550

392mm.

358mm.

375mm.

156mm.

GPA-1550

Written by Administrator

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40mm.

5mm.

155mm.

GPA-1564

392mm.

358mm.

375mm.

180mm.

40mm.

5mm.

155mm.

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Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:17

GPA-1575

392mm.

358mm.

375mm.

180mm.

45mm.

5mm.

160mm.

GPA-1580

397mm.

360mm.

GPA-1550

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380mm.

156mm.

45mm.

15mm.

148mm.

GPA-1899

460mm.

435mm.

445mm.

220mm.

65mm.

7mm.

GPA-1550

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210mm.

GPA-18100

476mm.

423mm.

448mm.

220mm.

80mm.

10mm.

215mm.

GPA-18125

476mm.

GPA-1550

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423mm.

448mm.

270mm.

80mm.

10mm.

221mm.

GPA-2199

540mm.

493mm.

517mm.

220mm.

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80mm.

10mm.

250mm.

GPA-2125

540mm.

493mm.

517mm.

270mm.

65mm.

10mm.

240mm.

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GPA-2155

545mm.

497mm.

520mm.

300mm.

110mm.

15mm.

280mm.