

GPA-1899

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:21



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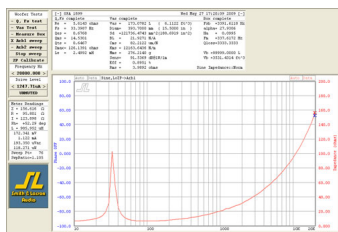
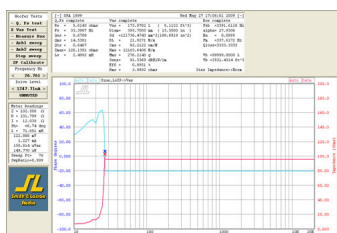
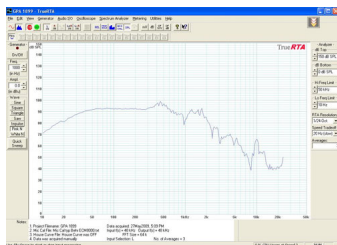
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Nominal diameter	: 460mm.18in
Nominal Impedance	: 8 ohm
Program Power	: 1200w.
Continuous Power (RMS)	: 600w
Sensitivity (1w/1m)	: 95dB
Frequency range	: 31 – 1.8KHz
Voice coil diameter	: Dia.99.5mm
Voice coil length	: 22mm
Magnet dimension	: Dia.220mm x 40mm

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Basket
 Cone and dust cap
 Surround
 Voice coil wire
 Voice coil bobbin

Steel
 Paper
 Thread coat
 Copper
 KSV.



 --- BassBox Pro Version 3.03, Export Thiele-Small Format
 --- May 27,2009, Wed 5:05PM
 --- GPA 1899
 --- Parameters marked with ** are not tested using the WT2

 --- mechanical ---

Fs	33.399E+00 Hz	Free air resonance
Qms	14.530E+00	Q mechanical
Vas	173.078E-03 m^3	Suspension compliance
Cms	82.212E-06 m/N	1/(suspension stiffness)
Mms	276.214E-03 kg	Moving mass
Rms	3.989E+00 kg/s	Mechanical resistance
Xmax **	0.000E+00 m	Maximum acoustic linear motion
Xmech**	0.000E+00 m	Mechanical displacement
Dia	393.700E-03 m	Piston diameter
Sd	121.736E-03 m^2	Piston area
Vd **	0.000E+00 m^3	Displacement volume

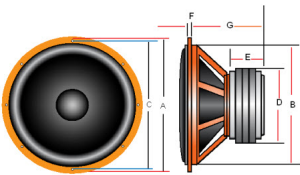
--- electrical ---

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Qes 676.840E-03 Q electrical
Re 5.614E+00 ohms Voice coil DC resistance
Le 2.499E-03 Henries Inductance @1 kHz
Z 20.073E+00 ohms Impedance @1 kHz
BL 21.927E+00 Tm Motor force - Newtons/Amp
Pe ** 0.000E+00 W Max Electrical Power
--- electro-mechanical ---
Qts 646.715E-03 Q total
no 895.148E-03 % 1/2-space ref efficiency @ 1m/1W
1-W SPL 91.537E+00 dB sensitivity at 1m on-axis
2.83V SPL 93.075E+00 dB sensitivity at 1m on-axis
--- motor constants ---
Krm 1.528E-03 ohms constant resistive motor impedance
Erm 936.038E-03 exponent resistive motor impedance
Kxm 28.209E-03 Henries constant reactive motor impedance
Exm 713.572E-03 exponent reactive motor impedance
--- End BassBox Pro Export ---



Model

A

B

C

D

E

F

G

GMB-612

166mm.

143mm.

155mm.

100mm.

28mm.

4mm.

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70mm.

GMB-615

166mm.

143mm.

155mm.

100mm.

28mm.

4mm.

70mm.

GML-836

205mm.

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183mm.

195mm.

120mm.

40mm.

5mm.

97mm.

GPA-1033

257mm.

233mm.

248mm.

120mm.

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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.

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140mm.

35mm.

5mm.

120mm.

GPA-1250

315mm.

280mm.

295mm.

156mm.

40mm.

5mm.

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130mm.

GPA-1277ND

320mm.

283mm.

295mm.

65mm.

10mm.

130mm.

GPA-1550

392mm.

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358mm.

375mm.

156mm.

40mm.

5mm.

155mm.

GPA-1564

392mm.

358mm.

375mm.

180mm.

40mm.

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5mm.

155mm.

GPA-1575

392mm.

358mm.

375mm.

180mm.

45mm.

5mm.

160mm.

GPA-1580

397mm.

360mm.

380mm.

156mm.

45mm.

15mm.

148mm.

GPA-1899

460mm.

435mm.

445mm.

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220mm.

65mm.

7mm.

210mm.

GPA-18100

476mm.

423mm.

448mm.

220mm.

80mm.

10mm.

215mm.

GPA-1899

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GPA-18125

476mm.

423mm.

448mm.

270mm.

80mm.

10mm.

221mm.

GPA-2199

540mm.

493mm.

GPA-1899

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517mm.

220mm.

80mm.

10mm.

250mm.

GPA-2125

540mm.

493mm.

517mm.

270mm.

65mm.

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10mm.

240mm.

GPA-2155

545mm.

497mm.

520mm.

300mm.

110mm.

15mm.

280mm.

