

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

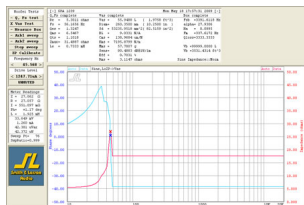
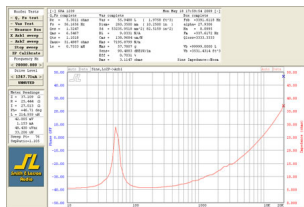
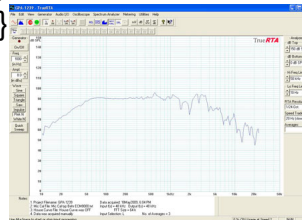


{rokbox}images/stories/product/gpa1239a.jpg{/rokbox}

{rokbox}images/stories/product/gpa1239b.jpg{/rokbox}

{rokbox}images/stories/product/gpa1239c.jpg{/rokbox}

{rokbox}images/stories/product/gpa1239d.jpg{/rokbox}



SPECIFICATIONS

Nominal diameter	: 300mm.12in
Nominal Impedance	: 8 ohm
Program Power	: 300w
Continuous Power (RMS)	: 250w
Sensitivity (1w/1m)	: 96.5dB

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

Frequency range : 54 – 4KHz
Voice coil diameter : 38.5mm
Voice coil length : 16mm
Magnet dimension : 120mm x 20mm

--- BassBox Pro Version 3.03, Export Thiele-Small Format
--- May 18,2009, Mon 5:57PM
--- GPA 1239
--- Parameters marked with ** are not tested using the WT2

--- mechanical ---

Fs 56.166E+00 Hz Free air resonance
Qms 6.547E+00 Q mechanical
Vas 55.949E-03 m³ Suspension compliance
Cms 138.968E-06 m/N 1/(suspension stiffness)
Mms 57.781E-03 kg Moving mass
Rms 3.115E+00 kg/s Mechanical resistance
Xmax ** 0.000E+00 m Maximum acoustic linear motion
Xmech** 0.000E+00 m Mechanical displacement
Dia 260.350E-03 m Piston diameter
Sd 53.236E-03 m² Piston area
Vd ** 0.000E+00 m³ Displacement volume

--- electrical ---

Qes 1.325E+00 Q electrical
Re 5.301E+00 ohms Voice coil DC resistance
Le 733.281E-06 Henries Inductance @1 kHz
Z 8.653E+00 ohms Impedance @1 kHz
BL 9.033E+00 Tm Motor force - Newtons/Amp
Pe ** 0.000E+00 W Max Electrical Power

--- electro-mechanical ---

Qts 1.102E+00 Q total
no 703.118E-03 % 1/2-space ref efficiency @ 1m/1W
1-W SPL 90.488E+00 dB sensitivity at 1m on-axis
2.83V SPL 92.276E+00 dB sensitivity at 1m on-axis

--- motor constants ---

Krm 268.704E-06 ohms constant resistive motor impedance
Erm 956.077E-03 exponent resistive motor impedance
Kxm 12.716E-03 Henries constant reactive motor impedance
Exm 652.573E-03 exponent reactive motor impedance

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

MATERIALS

Basket

Cone and dust cap

Surround

Voice coil wire

Voice coil bobbin

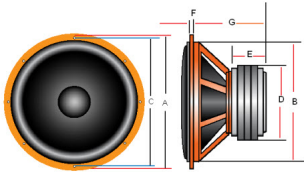
Steel

Paper

Thread coat

Copper clad aluminium

Aluminium



Model

A

B

C

D

E

F

G

GMB-612

166mm.

143mm.

155mm.

100mm.

28mm.

4mm.

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

70mm.

GMB-615

166mm.

143mm.

155mm.

100mm.

28mm.

4mm.

70mm.

GML-836

205mm.

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

183mm.

195mm.

120mm.

40mm.

5mm.

97mm.

GPA-1033

257mm.

233mm.

248mm.

120mm.

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

40mm.

5mm.

100mm.

GPA-1036

257mm.

233mm.

248mm.

120mm.

40mm.

5mm.

100mm.

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

GPA-1239

306mm.

266mm.

290mm.

120mm.

40mm.

5mm.

120mm.

GPA-1245

306mm.

283mm.

290mm.

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

140mm.

35mm.

5mm.

120mm.

GPA-1250

315mm.

280mm.

295mm.

156mm.

40mm.

5mm.

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

130mm.

GPA-1277ND

320mm.

283mm.

295mm.

65mm.

10mm.

130mm.

GPA-1550

392mm.

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

358mm.

375mm.

156mm.

40mm.

5mm.

155mm.

GPA-1564

392mm.

358mm.

375mm.

180mm.

40mm.

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

5mm.

155mm.

GPA-1575

392mm.

358mm.

375mm.

180mm.

45mm.

5mm.

160mm.

GPA-1580

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

397mm.

360mm.

380mm.

156mm.

45mm.

15mm.

148mm.

GPA-1899

460mm.

435mm.

445mm.

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

220mm.

65mm.

7mm.

210mm.

GPA-18100

476mm.

423mm.

448mm.

220mm.

80mm.

10mm.

215mm.

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

GPA-18125

476mm.

423mm.

448mm.

270mm.

80mm.

10mm.

221mm.

GPA-2199

540mm.

493mm.

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

517mm.

220mm.

80mm.

10mm.

250mm.

GPA-2125

540mm.

493mm.

517mm.

270mm.

65mm.

GPA-1239

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:08

10mm.

240mm.

GPA-2155

545mm.

497mm.

520mm.

300mm.

110mm.

15mm.

280mm.