

# GCB-15653

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Friday, 21 October 2016 03:57

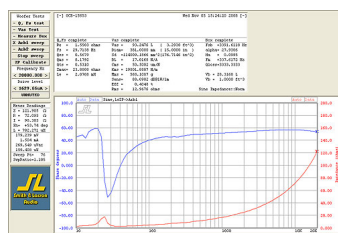
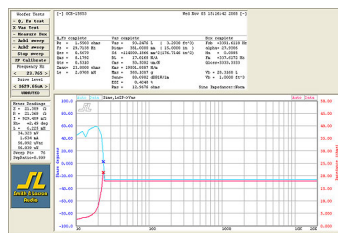
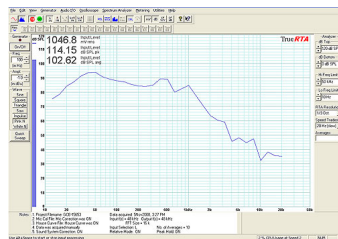


## GCB-15653

WxDxH 220 mm  
MxT 225x375mm  
Sens 95dB

## GCB-15653

Power	2000w.+2000W.
Impedance	4 Ohm. +4 Ohm.
Frequency response	30Hz. – 1.3 KHz.
Sensitivity 1W / 1 M.	95 db.
Voice coil Dia.	75.5 mm.
Magnet Ferrite strontium	220 x 75 mm.



--- BassBox Pro Version 3.03, Export Thiele-Small Format

--- Nov 05,2008, Wed 3:19PM

--- GCB-15653

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--- Parameters marked with \*\* are not tested using the WT2

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--- mechanical ---

Fs	29.714E+00 Hz	Free air resonance
Qms	8.179E+00	Q mechanical
Vas	93.248E-03 m^3	Suspension compliance
Cms	50.500E-06 m/N	1/(suspension stiffness)
Mms	568.109E-03 kg	Moving mass
Rms	12.968E+00 kg/s	Mechanical resistance
Xmax **	0.000E+00 m	Maximum acoustic linear motion
Xmech**	0.000E+00 m	Mechanical displacement
Dia	381.000E-03 m	Piston diameter
Sd	114.009E-03 m^2	Piston area
Vd **	0.000E+00 m^3	Displacement volume

--- electrical ---

Qes	567.859E-03	Q electrical
Re	1.550E+00 ohms	Voice coil DC resistance
Le	2.071E-03 Henries	Inductance @1 kHz
Z	16.612E+00 ohms	Impedance @1 kHz
BL	17.017E+00 Tm	Motor force - Newtons/Amp
Pe **	0.000E+00 W	Max Electrical Power

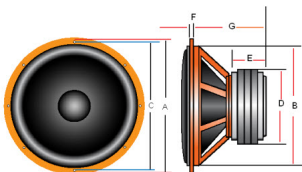
--- electro-mechanical ---

Qts	530.994E-03	Q total
no	404.783E-03 %	1/2-space ref efficiency @ 1m/1W
1-W SPL	91.090E+00 dB	sensitivity at 1m on-axis
2.83V SPL	95.217E+00 dB	sensitivity at 1m on-axis

□ --- motor constants ---

Krm	15.307E-03 ohms	constant resistive motor impedance
Erm	719.150E-03	exponent resistive motor impedance
Kxm	53.146E-03 Henries	constant reactive motor impedance
Exm	640.654E-03	exponent reactive motor impedance

--- End BassBox Pro Export ---



Model

A

B

C

D

E

F

G

GCM-622

166.5mm.

143mm.

155mm.

100mm.

27mm.

9mm.

71mm.

GCM625

166.5mm.

143mm.

155mm.

100mm.

27mm.

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9mm.

71mm.

GCM-645

166.5mm.

143mm.

155mm.

120mm.

35mm.

9mm.

77mm.



GCM-850

205mm.

183mm.

194mm.

120mm.

35mm.

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9mm.

93mm.

GCB-1040

260mm.

233mm.

247mm.

156mm.

66mm.

11mm

140mm.

GCB-1050

278mm.

238mm.

255mm.

180mm.

70mm.

18mm.

140mm.

GCB-1242

314mm.

277mm.

295mm.

156mm.

66mm.

11mm.

155mm.

GCB-1252

318mm.

280mm.

295mm.

225mm.

77mm.

18mm.

163mm.

GCB-1255 ND

320mm.

280mm.



295mm.

203mm.

0

18mm.

197mm.

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GCB-1560

395mm.

351mm.

370mm.

225mm.

77mm.

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18mm.

202mm.

GCB-1565

395mm.

351mm.

370mm.

225mm.

95mm.

18mm.

217mm.

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GCB-15653

395mm.

351mm.

370mm.

225mm.

120mm.

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18mm.

245mm .

GCB-18512

470mm.

427mm.

448mm.

225mm.

95mm.

19mm.

248mm.

