

Custom Enclosure Design

by Kenwood Electronics Italia S.p.A. for ...GT-152



Loudspeaker Parameters

--General Information--

Company: JBL
Model: GT152
Note/SN:

--Mechanical Parameters--

Fs = 24,0 hertz
Qms = 8,120
Vas = 319,42 liters
Cms = 0,307 mm/N
Mms = 143,316 grams
Rms = 2,662 kg/sec
Xmax = 7,620 mm
Sd = 856,1 sq.cm
Dia = 33,0 cm

--Electrical Parameters--

Qes = 0,413
Re = 2,2 ohms
Le = 0,8 mH
Z = 4,0 ohms
BL = 10,7 N/A
Pe = 125,0 watts

--Combination Parameters--

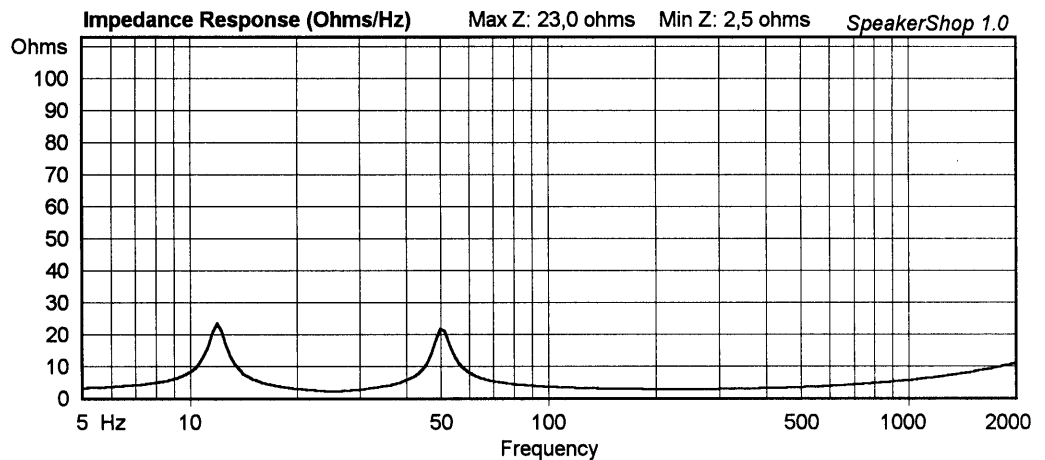
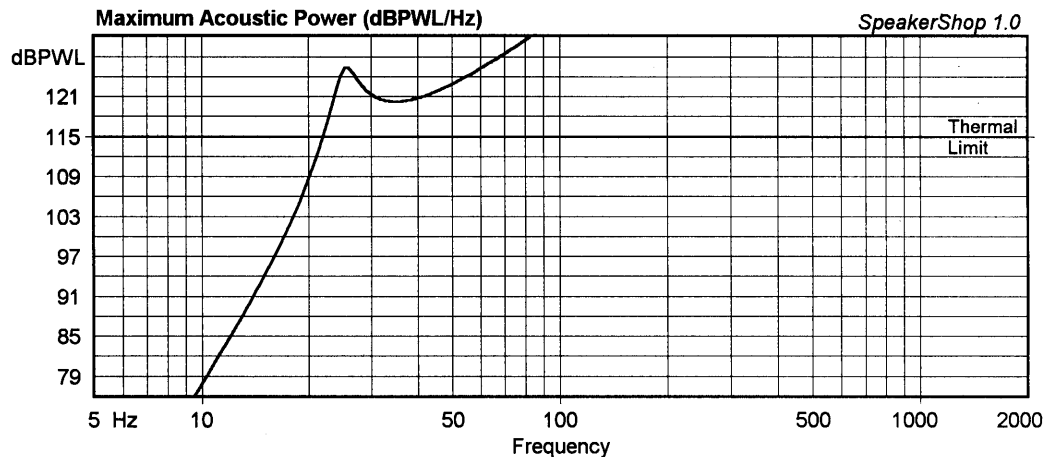
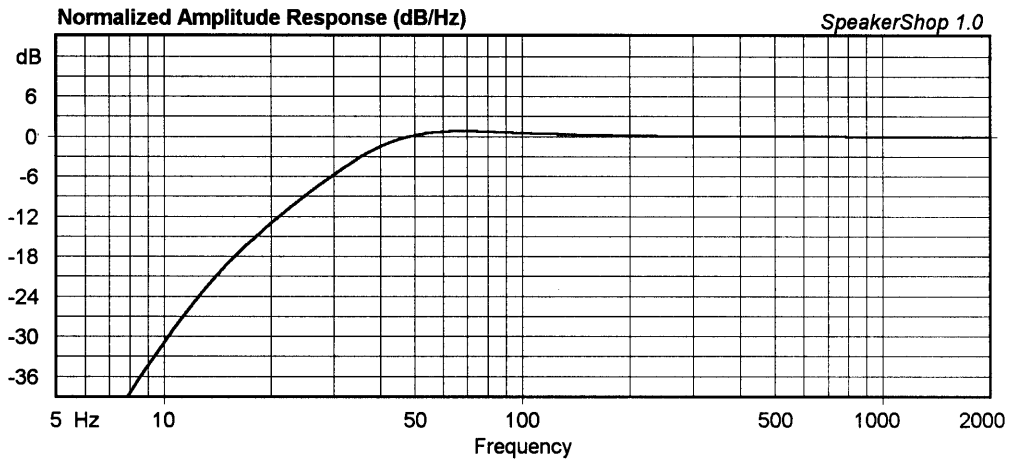
Qts = 0,393
 η_0 = 0,263%
Sens = 92,00 dB (2.83 V)

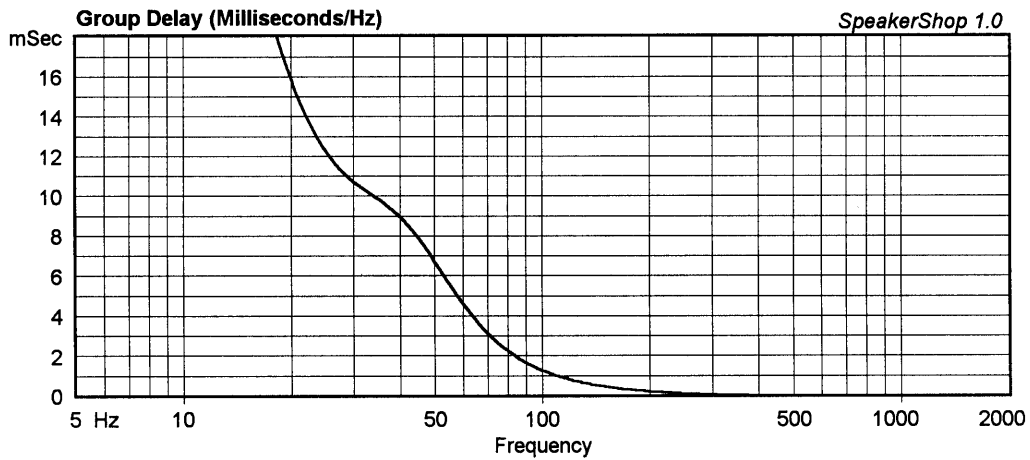
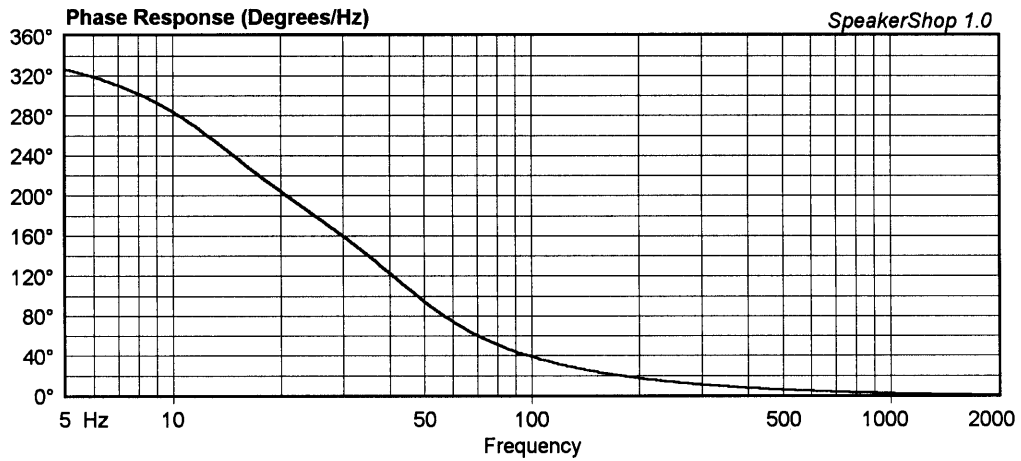
--Multiple Drivers--

Number = 1
Single
Wiring: single
NetZ =
NetRe =
NetSens =

Box Parameters

Custom Vented Box
Vb = 113,27 liters
Fb = 25,0 hertz
F3 = 35,5 hertz
QL = 7,0
Fill = normal
Ports = 1
Dv = 12,70 cm
Lv = 39,72 cm

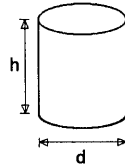




Internal Box Dimensions

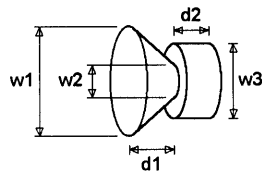
--Port Dis.--

Vol = -4,55 liters
 Shape: Cylinder(s)
 h = 35,94 cm
 d = 12,70 cm
 no = 1



--Driver Dis.--

Vol = -7,36 liters
 Shape: Loudspeaker(s)
 w1 = 38,74 cm
 w2 = 12,06 cm
 w3 = 13,97 cm
 d1 = 12,06 cm
 d2 = 4,45 cm
 no = 1



--Gross Box Vol.--

Vol = 125,18 liters
 Shape: Optimum Prism
 h = 80,94 cm
 w = 50,02 cm
 d = 30,92 cm

