

Custom Enclosure Design

by Kevin Garrett 800gdn4-14 FI 120lit

JBL

Loudspeaker Parameters

--General Information--

Company: Noema

Model: 800gdn14-4

Note/SN:

--Mechanical Parameters--

Fs = 24,0 hertz

Qms = 5,100

Vas = 507,00 liters

Cms = 0,250 mm/N

Mms = 176,000 grams

Rms = 5,201 kg/sec

Xmax = 9,000 mm

Sd = 1 194,6 sq.cm

Dia = 39,0 cm

--Electrical Parameters--

Qes = 0,240

Re = 3,7 ohms

Le = 1,8 mH

Z = 4,0 ohms

BL = 20,0 N/A

Pe = 800,0 watts

--Combination Parameters--

Qts = 0,230

η_0 = 3,020%

Sens = 97,00 dB (1 watt)

--Multiple Drivers--

Number = 1

Single

Wiring: single

NetZ =

NetRe =

NetSens =

Box Parameters

Custom Vented Box

Vb = 120,00 liters

Fb = 35,0 hertz

F3 = 46,7 hertz

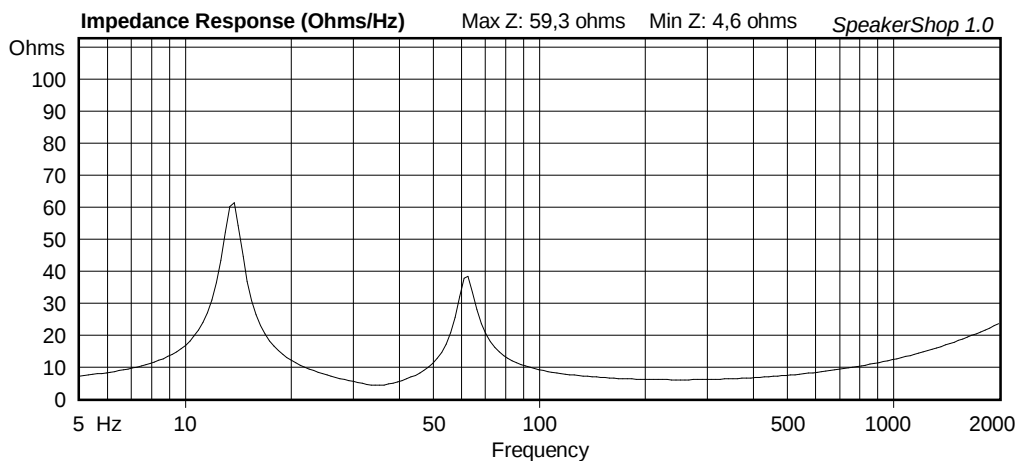
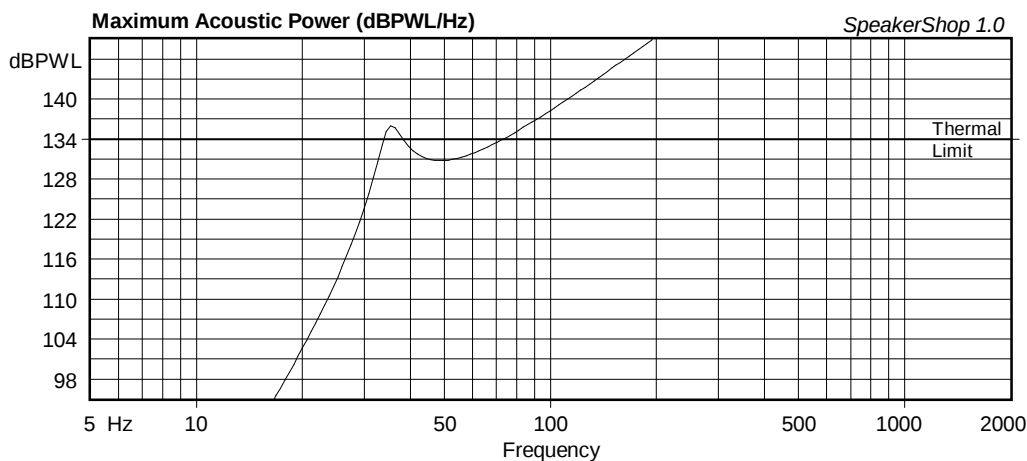
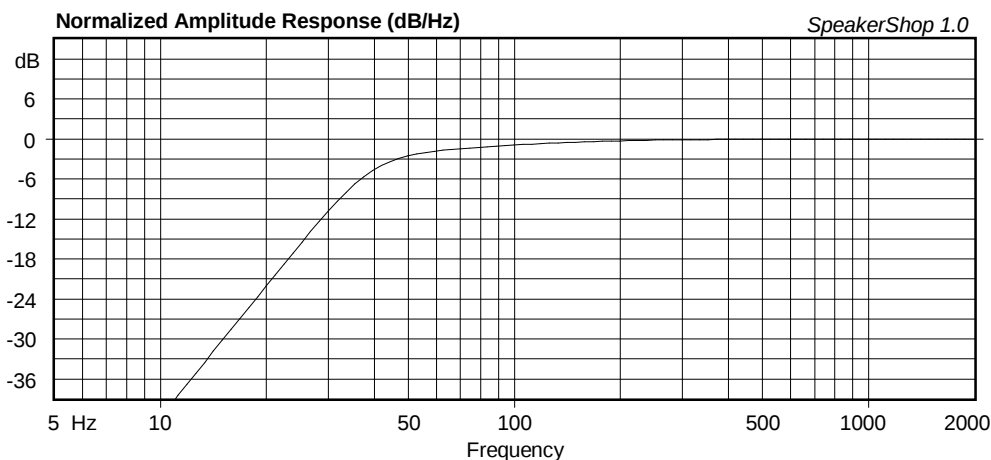
QL = 7,0

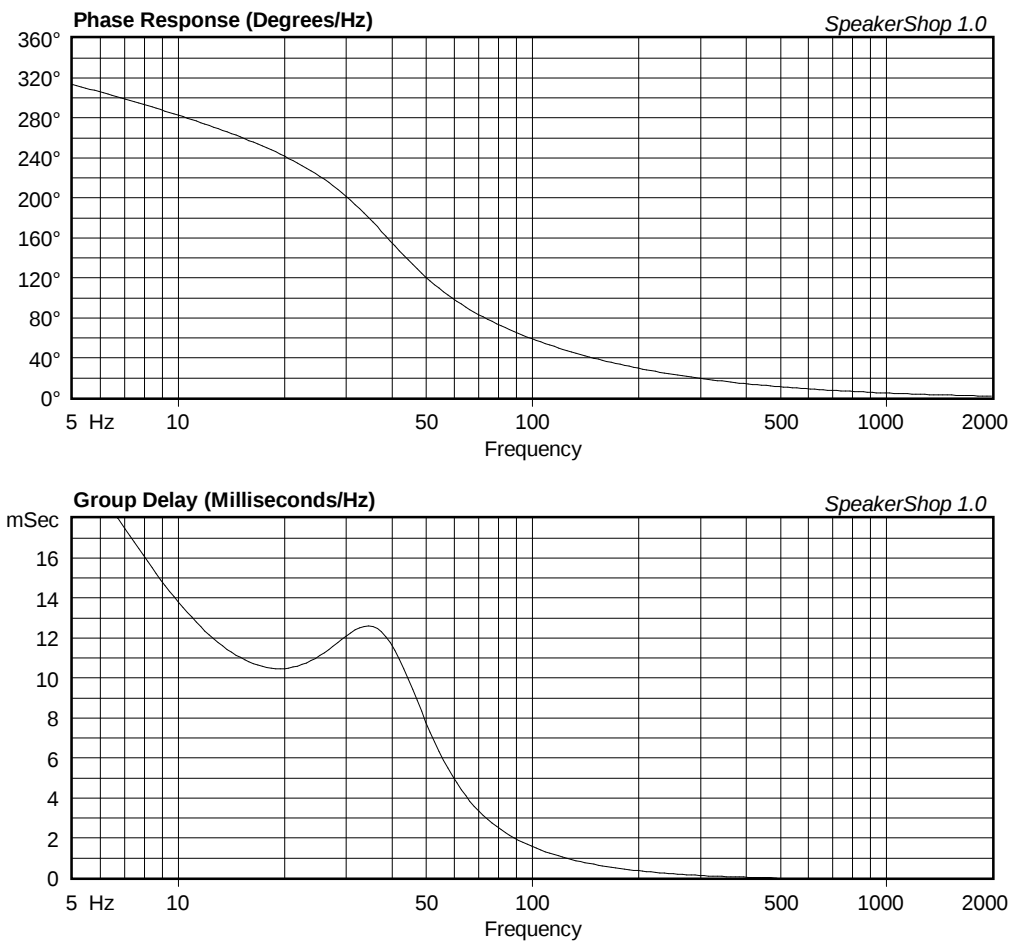
Fill = normal

Ports = 4

Dv = 74,07 sq.cm

Lv = 45,31 cm





Internal Box Dimensions

--120lit--
Vol = 120,00 liters
Shape: Cube
s = 49,32 cm

