

Custom Enclosure Design

by Kevin Garrett CUBE FI 80lit MAG M-1545

JBL

Loudspeaker Parameters

--General Information--

Company: MAG

Model: M-1545

Note/SN:

--Mechanical Parameters--

Fs = 34,0 hertz

Qms = 10,900

Vas = 182,00 liters

Cms = 0,200 mm/N

Mms = 109,433 grams

Rms = 2,145 kg/sec

Xmax = 7,000 mm

Sd = 800,0 sq.cm

Dia = 31,9 cm

--Electrical Parameters--

Qes = 0,280

Re = 6,1 ohms

Le = 1,9 mH

Z = 8,0 ohms

BL = 22,5 N/A

Pe = 500,0 watts

--Combination Parameters--

Qts = 0,270

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 = 80,12 liters

Fb = 40,0 hertz

F3 = 52,6 hertz

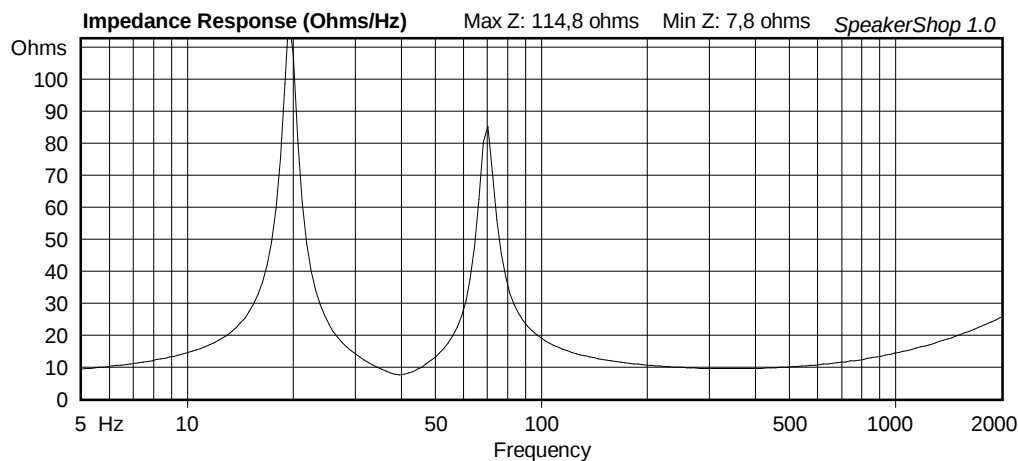
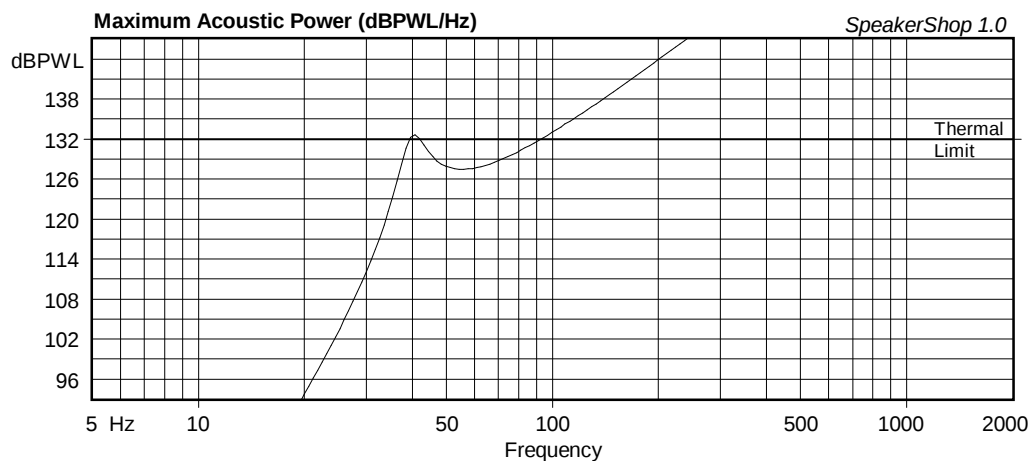
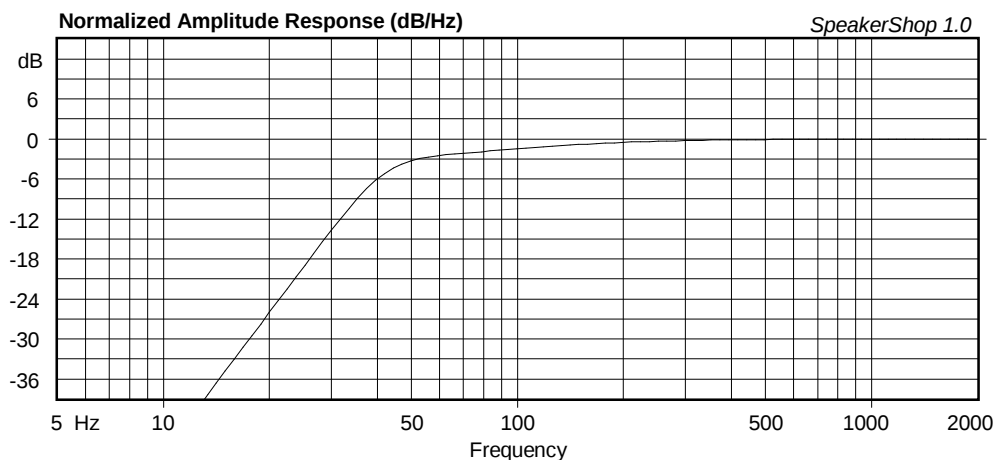
QL = 7,0

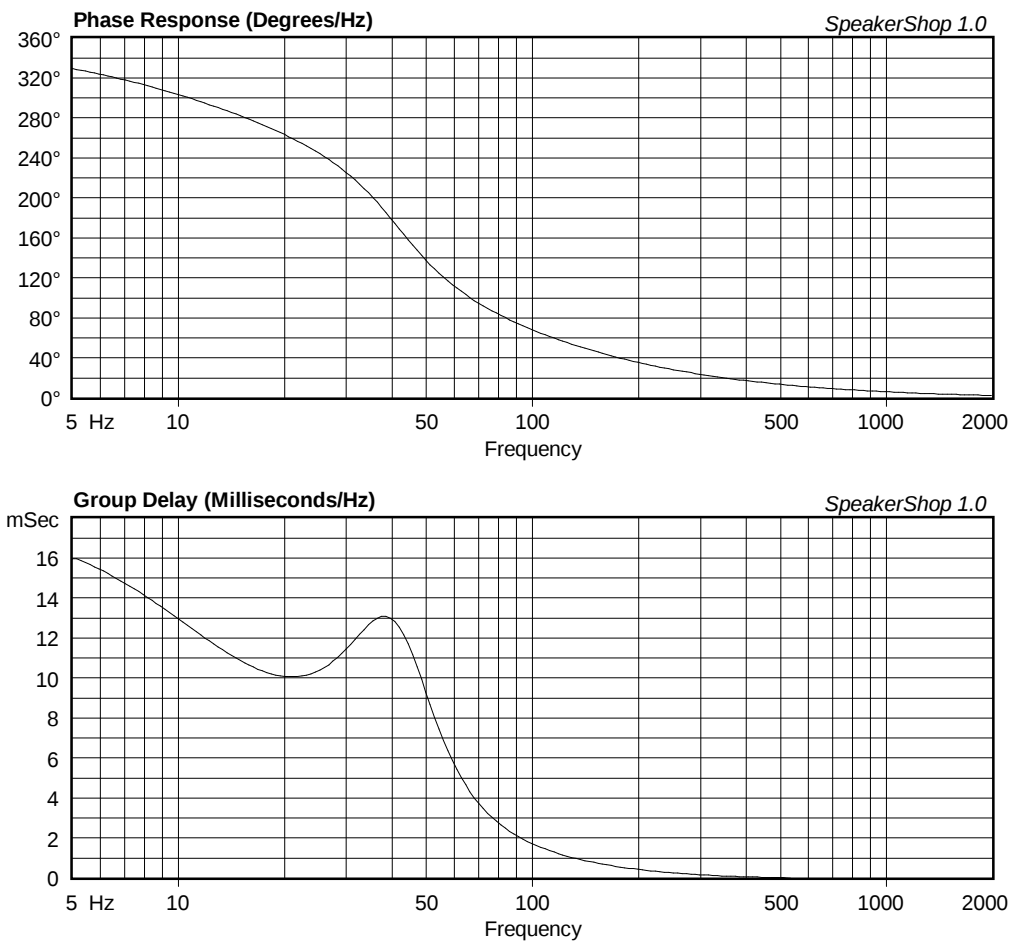
Fill = minimal

Ports = 2

Dv = 10,40 cm

Lv = 28,30 cm





Internal Box Dimensions

--80LIT--
Vol = 80,12 liters
Shape: Cube
s = 43,11 cm

