



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 3.466 cu.ft

V(total) = 4.884 cu.ft

Fb = 21.56 Hz

QL = 6.466

F3 = 22.18 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 2.5 in

Wv = 14 in

Lv = 56.52 in

Driver Properties

--Description--

Name: 12W7AE

Type: Standard one-way driver

Company: JL Audio

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 27.2 Hz

Qms = 7.87

Vas = 66 liters

Cms = 0.158 mm/N

Mms = 216.4 g

Rms = 4.7 kg/s

Xmax = 29 mm

Xmech = 43.5 mm

P-Dia = 262.7 mm

Sd = 542 sq.cm

P-Vd = 1.572 liters

--Electrical Parameters--

Qes = 0.514

Re = 2.47 ohms

Z = 3 ohms

BL = 13.33 Tm

Pe = 1000 watts

--Electromech. Parameters--

Qts = 0.482

no = 0.249 %

1-W SPL = 86.2 dB

2.83-V SPL = 91.21 dB



Wiring Diagram







