



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 3.843 cu.ft

V(total) = 4.14 cu.ft

Fb = 22.15 Hz

QL = 6.384

F3 = 24 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 2 in

Wv = 7 in

Lv = 17.71 in

Driver Properties

--Description--

Name: 12W3-D4

Type: Standard one-way driver

Company: JL Audio

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 26.1 Hz

Qms = 8.103

Vas = 92.9 liters

Cms = 0.236 mm/N

Mms = 157.3 g

Rms = 3.183 kg/s

Xmax = 11.8 mm

Xmech = 17.7 mm

P-Dia = 258.8 mm

Sd = 526 sq.cm

P-Vd = 0.621 liters

--Electrical Parameters--

Qes = 0.475

Re = 7.32 ohms

Z = 8 ohms

BL = 19.94 Tm

Pe = 250 watts

--Electromech. Parameters--

Qts = 0.449

no = 0.335 %

1-W SPL = 87.2 dB

2.83-V SPL = 87.79 dB



Wiring Diagram







