



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 4.792 cu.ft

V(total) = 5.242 cu.ft

Fb = 20.67 Hz

QL = 6.177

F3 = 21.26 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 2 in

Wv = 10 in

Lv = 24 in

Driver Properties

--Description--

Name: 12W3v3-4

Type: Standard one-way driver

Company: JL Audio

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 26.72 Hz

Qms = 7.572

Vas = 80.54 liters

Cms = 0.21 mm/N

Mms = 169.2 g

Rms = 3.751 kg/s

Xmax = 13 mm

Xmech = 19.5 mm

P-Dia = 257.3 mm

Sd = 520 sq.cm

P-Vd = 0.676 liters

--Electrical Parameters--

Qes = 0.472

Re = 3.563 ohms

Z = 4 ohms

BL = 14.64 Tm

Pe = 500 watts

--Electromech. Parameters--

Qts = 0.444

no = 0.314 %

1-W SPL = 87.15 dB

2.83-V SPL = 90.63 dB



Wiring Diagram







