



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 2.415 cu.ft

V(total) = 2.744 cu.ft

Fb = 20.8 Hz

QL = 6.695

F3 = 22.24 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flared

Hv = 2.5 in

Wv = 5 in

Lv = 30.69 in

Driver Properties

--Description--

Name: JL Audio 10W1V24

Type: Standard one-way driver

Company: JL audio

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 25.24 Hz

Qms = 6.36

Vas = 50.6 liters

Cms = 0.337 mm/N

Mms = 117.9 g

Rms = 2.939 kg/s

Xmax = 9.5 mm

Xmech = 14.25 mm

P-Dia = 203.4 mm

Sd = 325 sq.cm

P-Vd = 0.71 liters

--Electrical Parameters--

Qes = 0.432

Re = 4.086 ohms

Z = 4 ohms

BL = 13.3 Tm

Pe = 150 watts

--Electromech. Parameters--

Qts = 0.405

no = 0.182 %

1-W SPL = 84.53 dB

2.83-V SPL = 87.66 dB



Wiring Diagram







