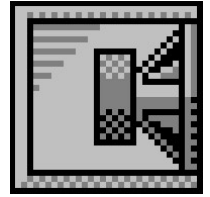


Custom Closed Box Design

By Mark Carter, Walberswick Studios



Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 0.654 cu.ft

V(total) = 0.654 cu.ft

Qtc = 0.707

QL = 20

F3 = 47.93 Hz

Fill = heavy

Driver Properties

--Description--

Name: CSS SDX XBL2

Type: Standard one-way driver

Company: CSS

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 30 Hz

Qms = 3.69

Vas = 1.2 cu.ft

Cms = 0.28 mm/N

Mms = 100.5 g

Rms = 5.135 kg/s

Xmax = 18.4 mm

Xmech = 27.6 mm

P-Dia = 192.9 mm

Sd = 292.4 sq.cm

P-Vd = 0.538 liters

--Electrical Parameters--

Qes = 0.63

Re = 3.5 ohms

Le = 1.42 mH

Z = 4 ohms

BL = 10.26 Tm

Pe = 750 watts

--Electromech. Parameters--

Qts = 0.54

no = 0.14 %

1-W SPL = 83.62 dB

2.83-V SPL = 87.2 dB



Wiring Diagram

