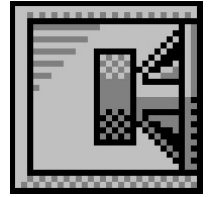


Custom Closed Box Design

By Mark Carter, Walberswick Studios



Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 6.2 cu.ft

V(total) = 6.2 cu.ft

Qtc = 0.646

F3 = 44.97 Hz

Fill = heavy

Driver Properties

--Description--

Name: FTW-21

Type: Standard one-way driver

Company: MACH5AUDIO

Piston: Paper

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 22 Hz

Qms = 5.24

Vas = 517.6 liters

Cms = 0.152 mm/N

Mms = 344.3 g

Rms = 9.083 kg/s

Xmax = 34 mm

Xmech = 51 mm

P-Dia = 444 mm

Sd = 1555 sq.cm

P-Vd = 5.265 liters

--Electrical Parameters--

Qes = 0.47

Re = 3.1 ohms

Le = 1.03 mH

Z = 3.72 ohms

BL = 17.77 Tm

Pe = 1200 watts

--Electromech. Parameters--

Qts = 0.431

no = 1.131 %

1-W SPL = 92.68 dB

2.83-V SPL = 96.8 dB



Wiring Diagram

