



## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Prism, square

### --Box Parameters--

Vb = 0.501 cu.ft

V(total) = 0.542 cu.ft

Fb = 59.28 Hz

QL = 7

F3 = 50.11 Hz

Fill = minimal

### --Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flared

Dv = 2.5 in

Lv = 5.813 in

## Driver Properties

### --Description--

Name: Aurasound NS3-193-8A 3

Type: Standard one-way driver

Company: Aurasound

Underhung voice coil

### --Configuration--

**No. of Drivers = 4**

Mounting = Standard

Wiring = Series-Parallel

Drivers sum coherently = Yes

### --Mechanical Parameters--

Fs = 80 Hz

Qms = 8

Vas = 1.25 liters [5]

Cms = 0.92 mm/N [0.23]

Mms = 4.3 g [17.2]

Rms = 0.27 kg/s [1.081]

Xmax = 10 mm

Xmech = 20 mm

P-Dia = 62.75 mm [125.5]

Sd = 31 sq.cm [124]

P-Vd = 0.0309 liters [0.124]

### --Electrical Parameters--

Qes = 0.73

Re = 7.6 ohms [7.6]

Z = 8 ohms [8]

BL = 4.744 Tm [9.487]

Pe = 20 watts [80]

### --Electromech. Parameters--

Qts = 0.67

no = 0.0845 % [0.338]

1-W SPL = 80 dB [86.02]

2.83-V SPL = 81.64 dB [87.66]



### Wiring Diagram







