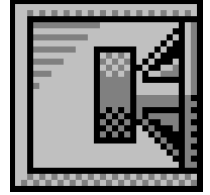


# Custom Parallel Double-Tuned Bandpass Box Design

By Poweraudio SRL, SC PowerAudio SRL



## Box Properties

--Description--

Name:

Type: Bandpass Parallel Double-Tuned

Shape: Prism, Bandpass with two chambers

--Box Parameters--

*Chamber 1 - lower-frequency*

Vb = 189 liters

Fb = 42 Hz

F3 = 41.82 Hz

Fill = minimal

--Vents--

No. of Vents = 0

Vent shape =

Vent ends =

*Chamber 2 - upper-frequency*

Vb = 62 liters

Fb = 84 Hz

F3 = 107.3 Hz

Fill = heavy

--Vents--

No. of Vents = 0

Vent shape =

Vent ends =

## Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 35.16 Hz

Qms = 9.56

Vas = 170 liters

Xmax = 11.5 mm

Sd = 1158 sq.cm

Qes = 0.296

Re = 5.2 ohms

Le = 1.92 mH

Z = 8 ohms

Pe = 1300 watts



### Wiring Diagram

