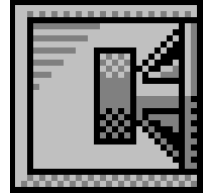


Custom Vented Box Design

By nexus_3, NEXO



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 274.5 liters

Fb = 42.09 Hz

QL = 5

F3 = 42.69 Hz

Fill = normal

--Vents--

No. of Vents = 1

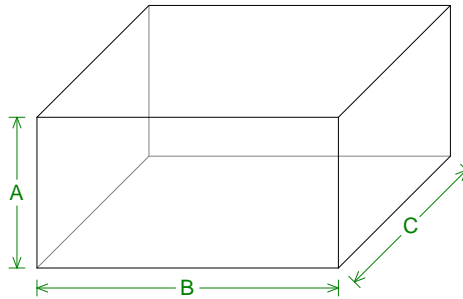
Vent shape = rectangle

Vent ends = one flush

Hv = 464 mm

Wv = 100 mm

Lv = 150 mm



--External Dimensions--

A = 500 mm

B = 1000 mm

C = 700 mm

--Internal Dimensions--

A = 464 mm

B = 964 mm

C = 624 mm

--Wall Thickness--

Front = 58 mm

Side = 18 mm

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 2

Mounting = Standard

Wiring = Parallel

--Driver Parameters--

Fs = 32 Hz

Qms = 5.334

Vas = 284 liters [568]

Xmax = 2.5 mm

Sd = 880 sq.cm [1760]

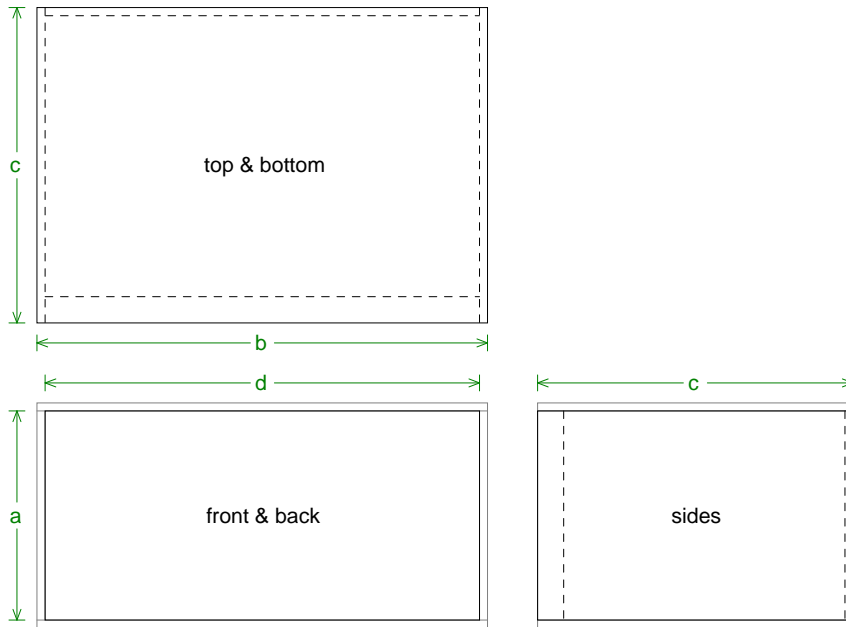
Qes = 0.586

Re = 5.5 ohms [2.75]

Le = 0.36 mH [0.18]

Z = 8 ohms [4]

Pe = 400 watts [800]



Box Parts

--Square Prism Box Parts--

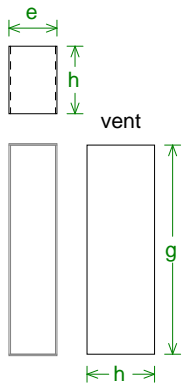
- 1 Top, 1 Bottom: depth (c) = 700 mm
width (b) = 1000, thickness = 18 mm
- 1 Front: height (a) = 464 mm
width (d) = 964, thickness = 58 mm
- 1 Back: height (a) = 464 mm
width (d) = 964, thickness = 18 mm
- 2 Sides: height (a) = 464 mm
depth (c) = 700, thickness = 18 mm

--Vent Parts--

- 1 Top, 1 Bottom:
width (e) = 106.4, length (h) = 150 mm
thickness = 3.175 mm
- 2 Sides:
height (g) = 464, length (h) = 150 mm
thickness = 3.175 mm

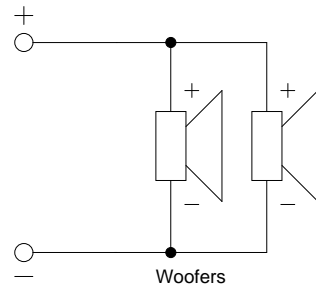
--Driver Mounting--

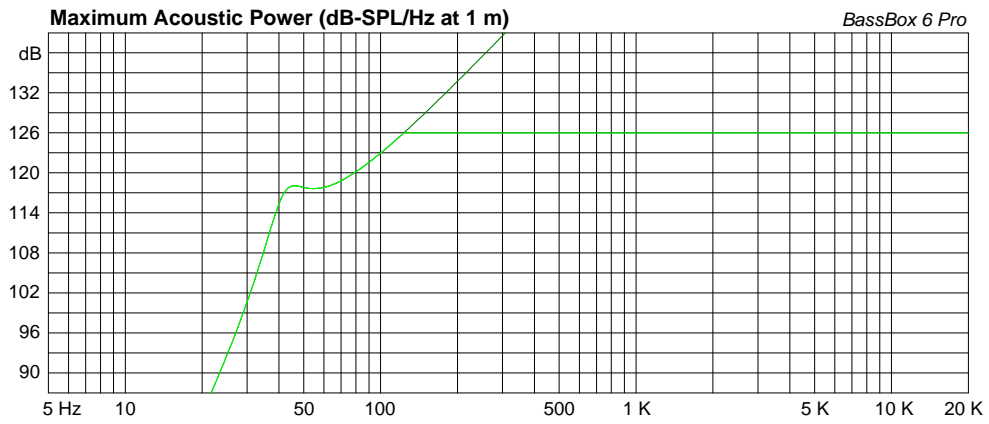
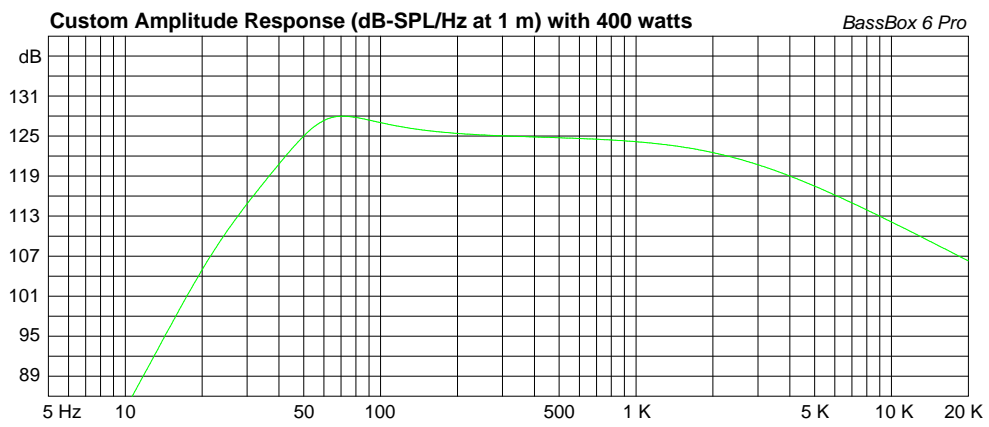
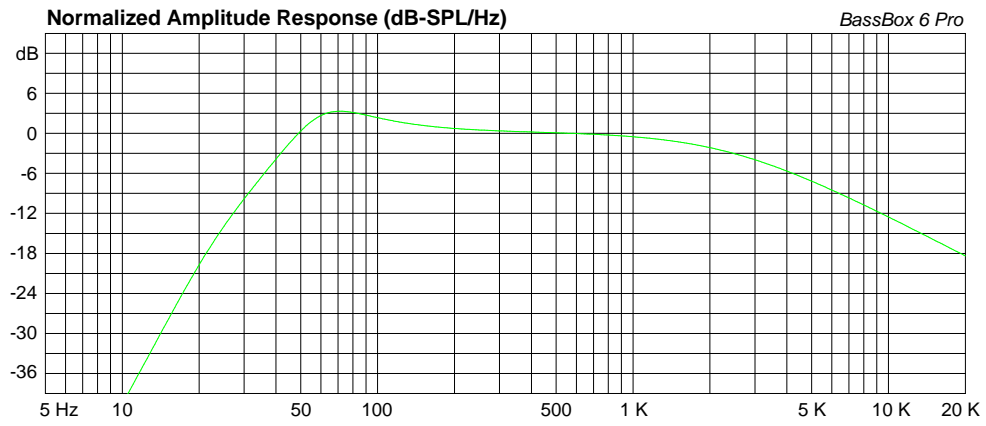
Aim: All drivers face same direction

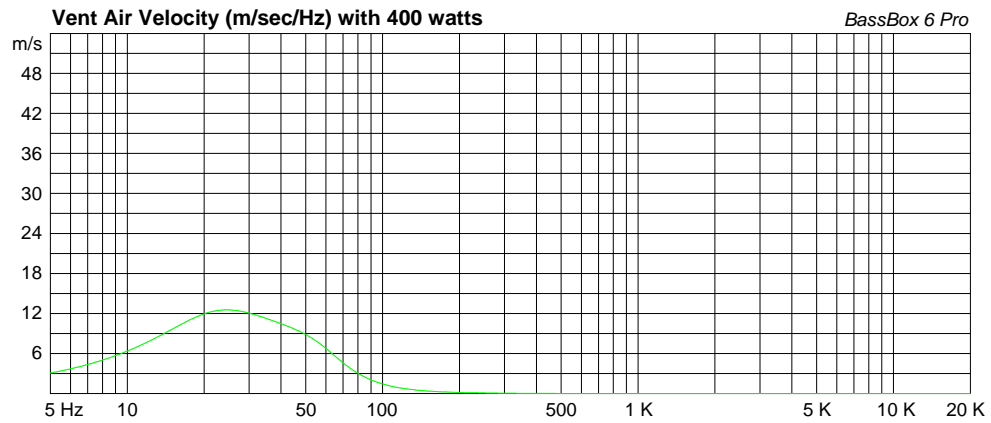
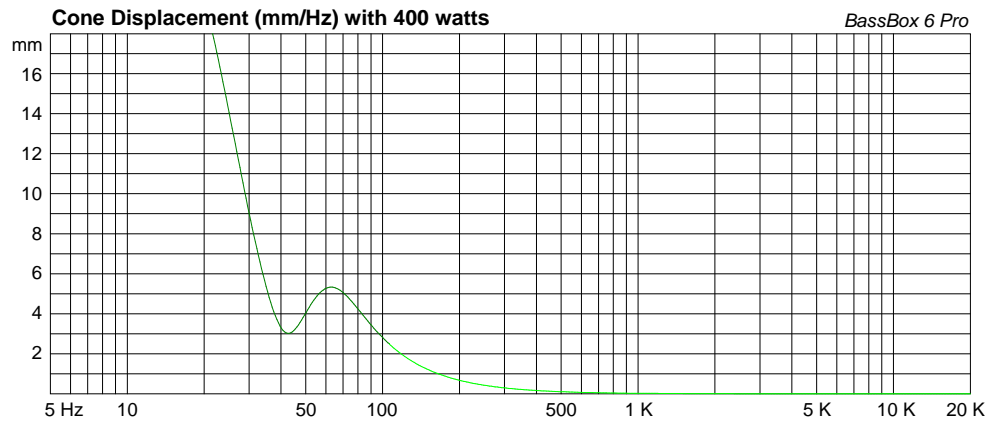


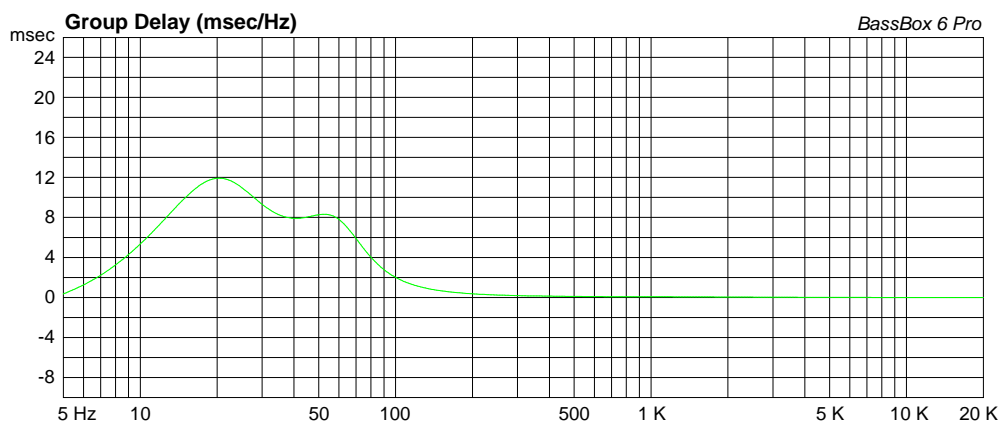
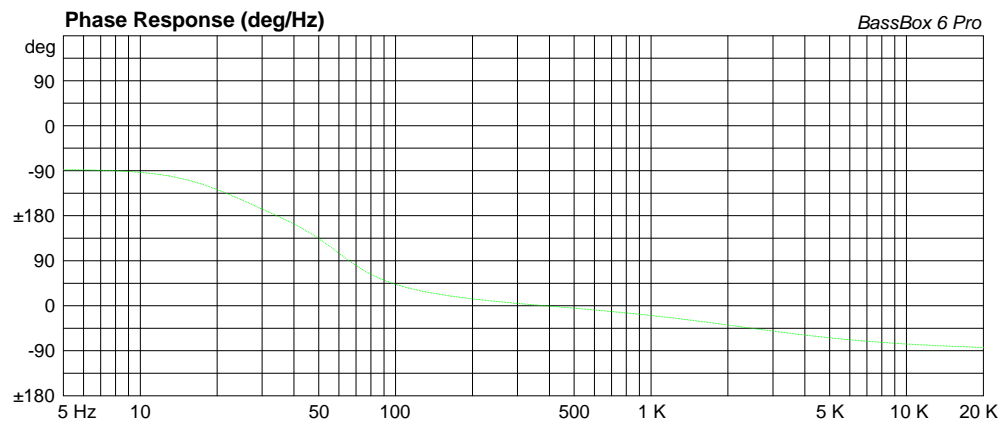
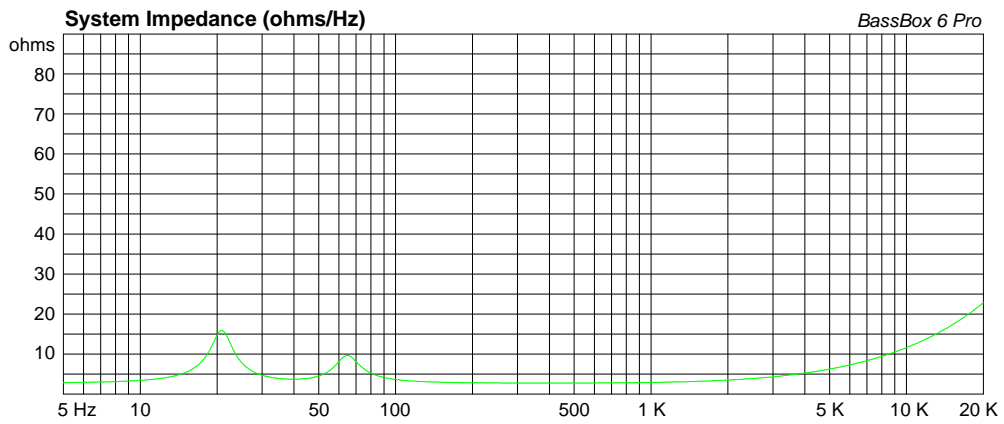


Wiring Diagram









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