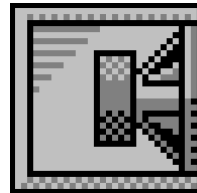


(2x) Vifa MA26WR02-08 10" woofers in vented box

By Brian Kane, Madisound Speaker Components, Inc.



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 2.5 cu.ft

V(total) = 2.714 cu.ft

Fb = 24.23 Hz

QL = 6.509

F3 = 26.29 Hz

Fill = normal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 10 in

Driver Properties

--Description--

Name: MA26WR02-08

Type: Standard one-way driver

Company: Vifa

Piston: Black Aluminum

Suspension: Rubber

Dust Cap: Fiberglass

Frame: Cast

Voice Coil: 50mm

Magnet: Double

--Configuration--

No. of Drivers = 2

Mounting = Standard

Wiring = Parallel

Drivers sum coherently = Yes

--Mechanical Parameters--

Fs = 25.2 Hz

Qms = 3.74

Vas = 35.3 liters [70.6]

Cms = 0.504 mm/N [0.252]

Mms = 79.14 g [158.3]

Rms = 3.33 kg/s [6.66]

Xmax = 11.6 mm

Sd = 222 sq.cm [444]

--Electrical Parameters--

Qes = 0.45

Re = 6.48 ohms [3.24]

Le = 1.43 mH [0.715]

Z = 8 ohms [4]

BL = 13.39 Tm [13.43]

Pe = 300 watts [600]

--Electromech. Parameters--

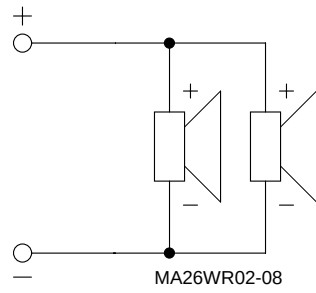
Qts = 0.4

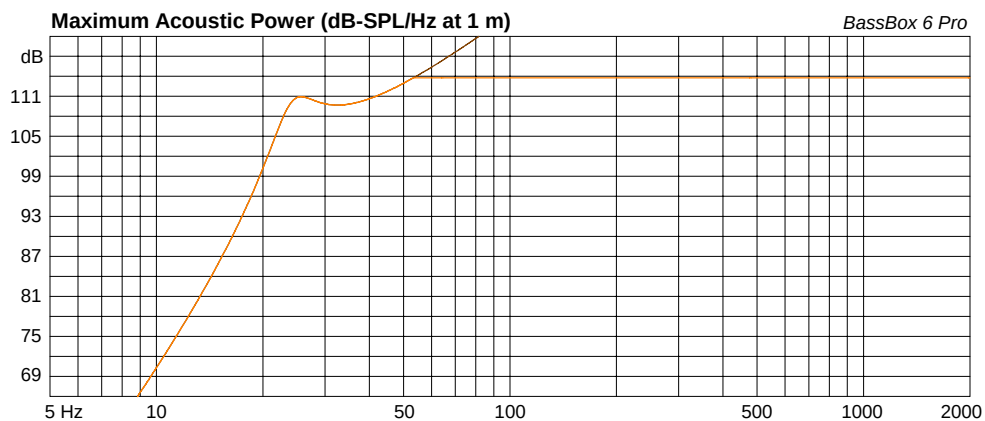
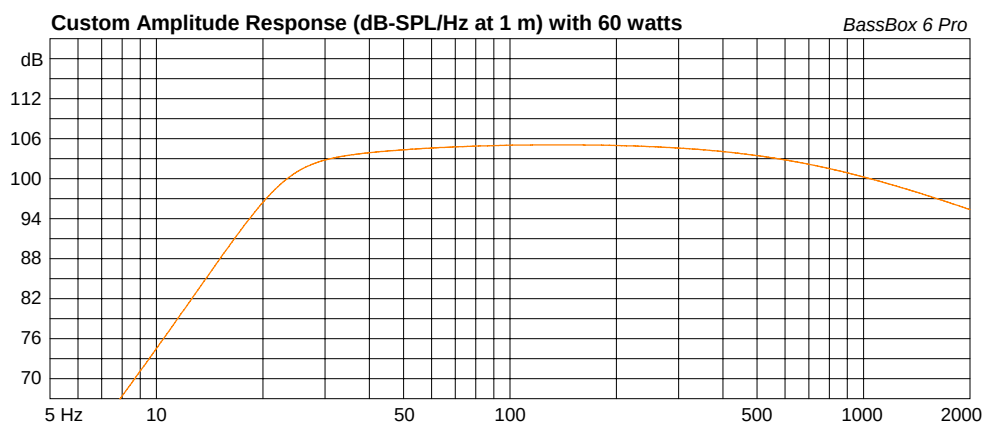
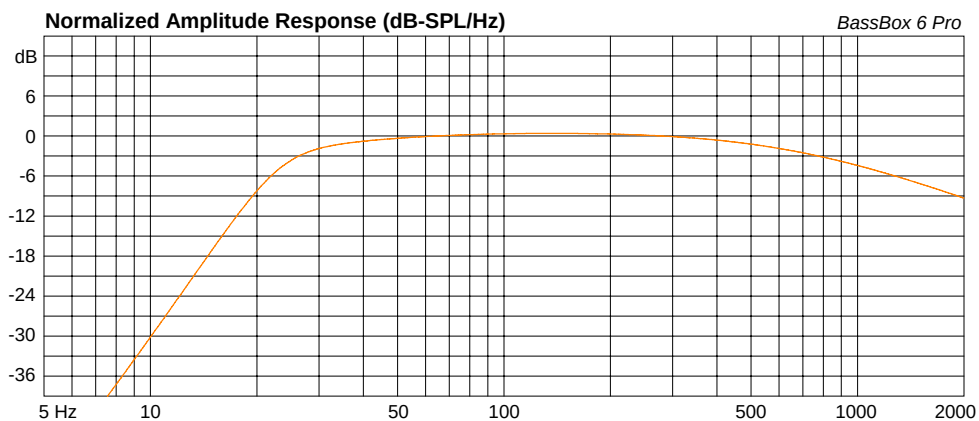
1-W SPL = 82.98 dB [85.99]

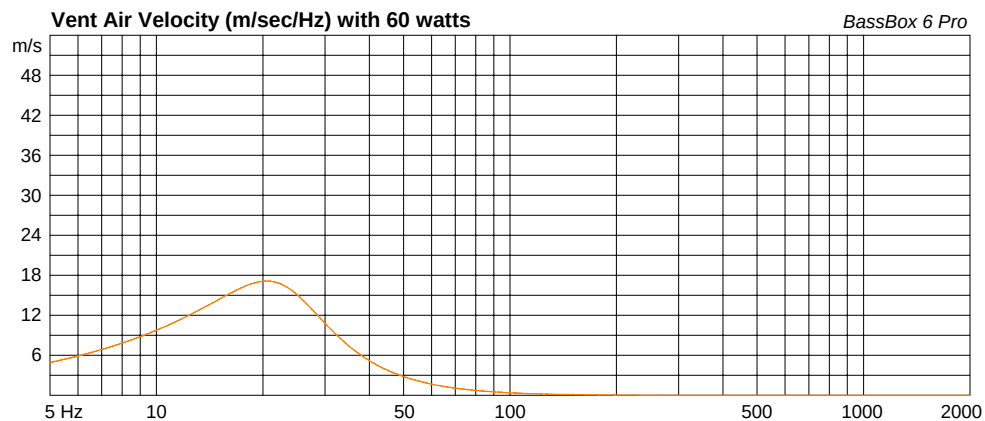
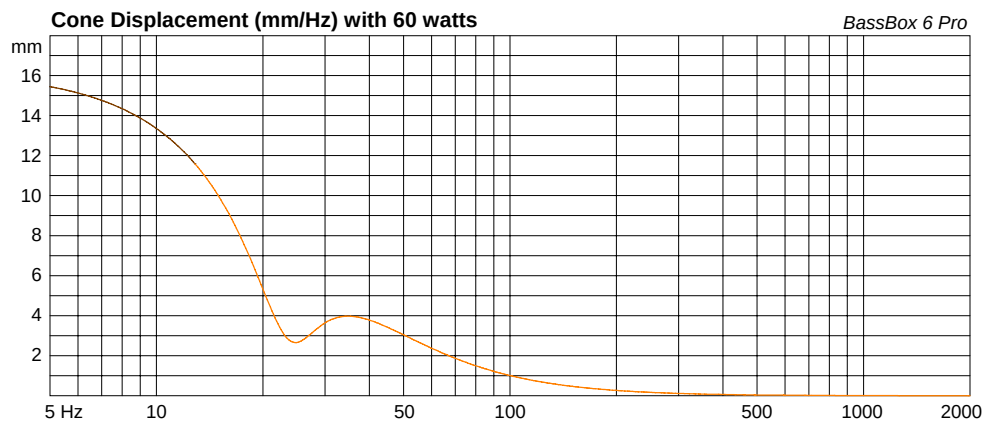
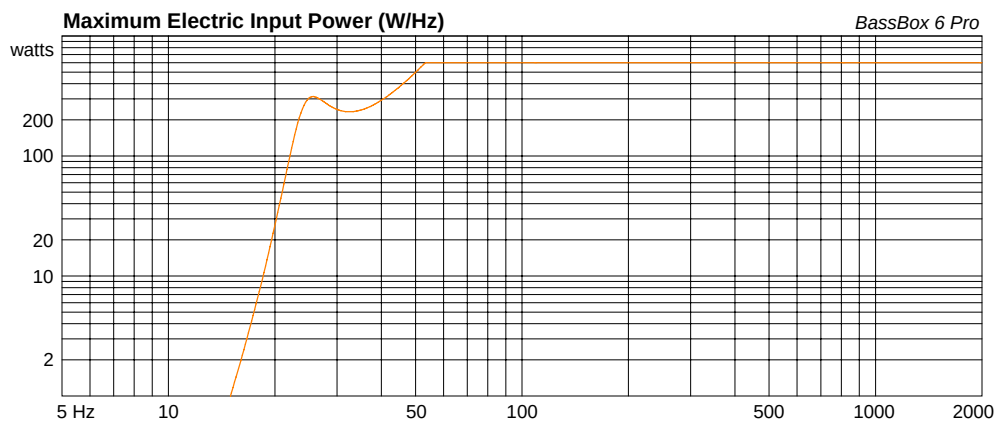
2.83-V SPL = 84.3 dB [90.32]

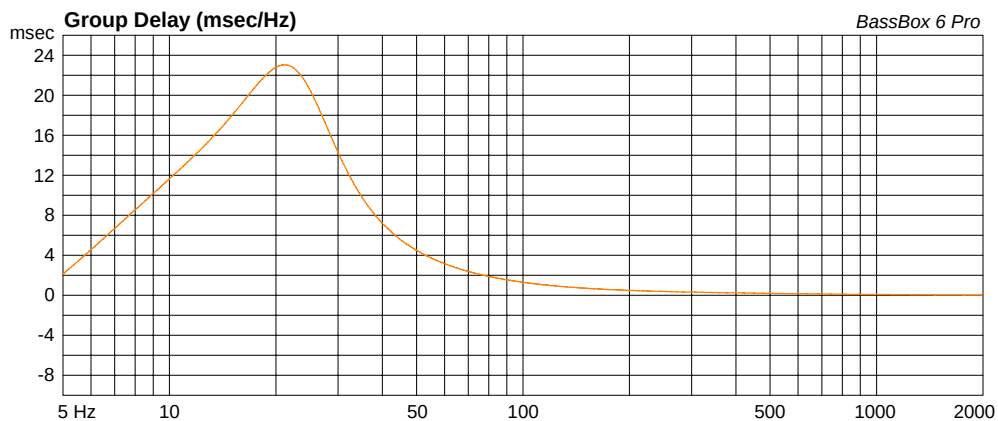
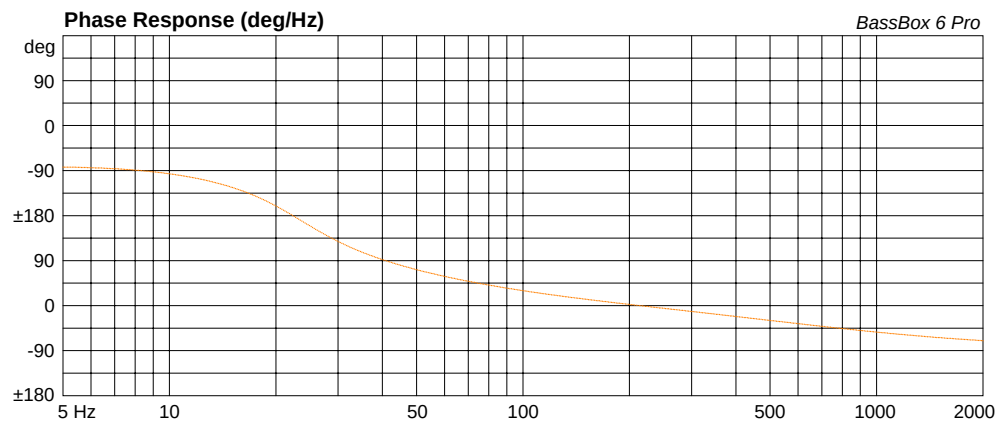
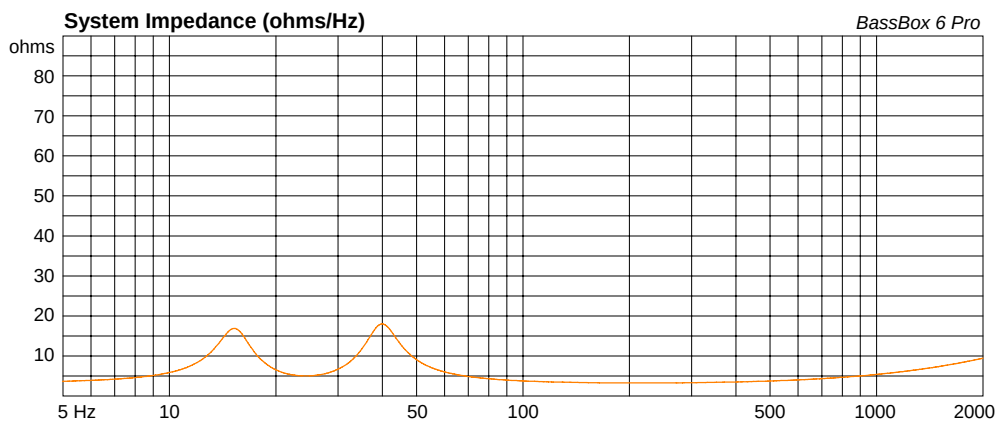


Wiring Diagram









MA26WR02-08

