

# KappaLite 3010HO Small Sealed Midrange

By Jerry McNutt, Eminence Speaker LLC  
Limit to 300 Watts. For use at or above 400 Hz.  
High Output Sealed Midrange.

---

## Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 0.424 cu.ft

V(total) = 0.424 cu.ft

Qtc = 0.453

QL = 20

F3 = 198 Hz

Fill = heavy

## Driver Properties

--Description--

Name: KappaLite 3010HO

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: High Power Neo Midrange

--Configuration--

**No. of Drivers = 1**

--Mechanical Parameters--

Fs = 61.97 Hz

Qms = 5.75

Vas = 37.21 liters

Cms = 0.2 mm/N

Mms = 33.65 g

Rms = 2.233 kg/s

Xmax = 4.43 mm

Xmech = 7.5 mm

P-Dia = 214.7 mm

Sd = 366.1 sq.cm

P-Vd = 0.16 liters

--Electrical Parameters--

Qes = 0.28

Re = 5.57 ohms

Le = 0.43 mH

Z = 8 ohms

BL = 16.05 Tm

Pe = 400 watts

--Electromech. Parameters--

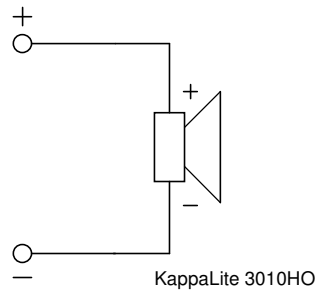
Qts = 0.27

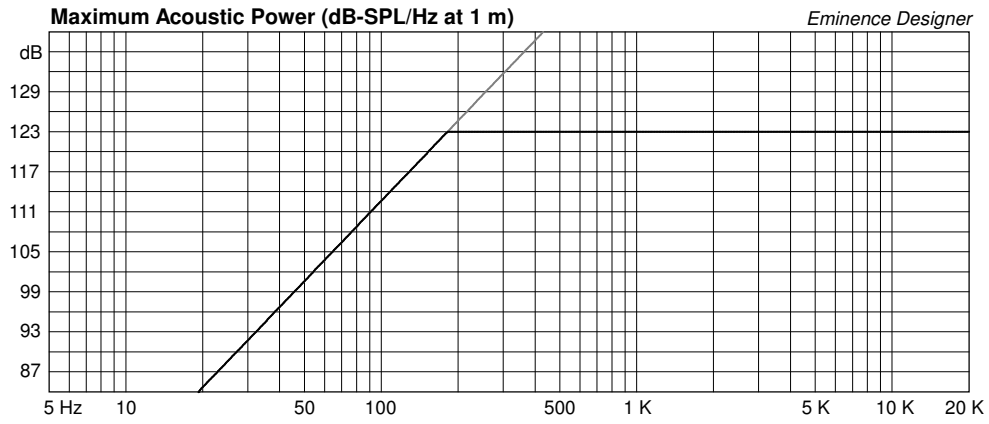
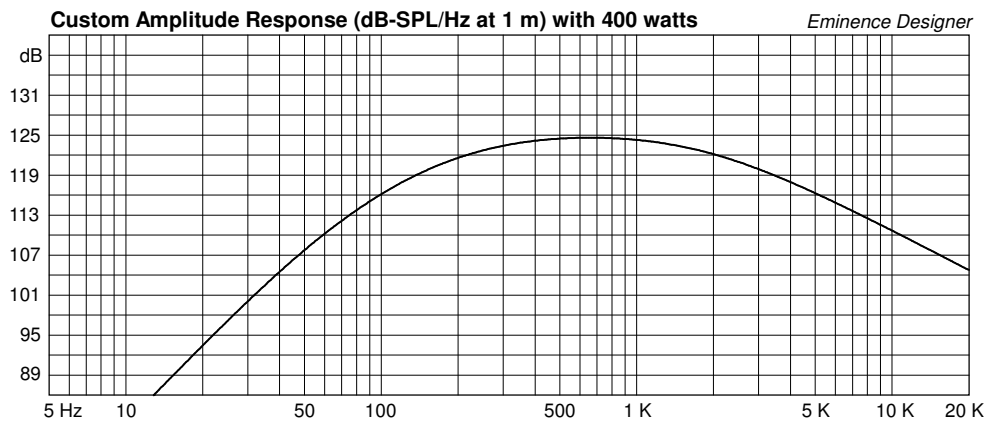
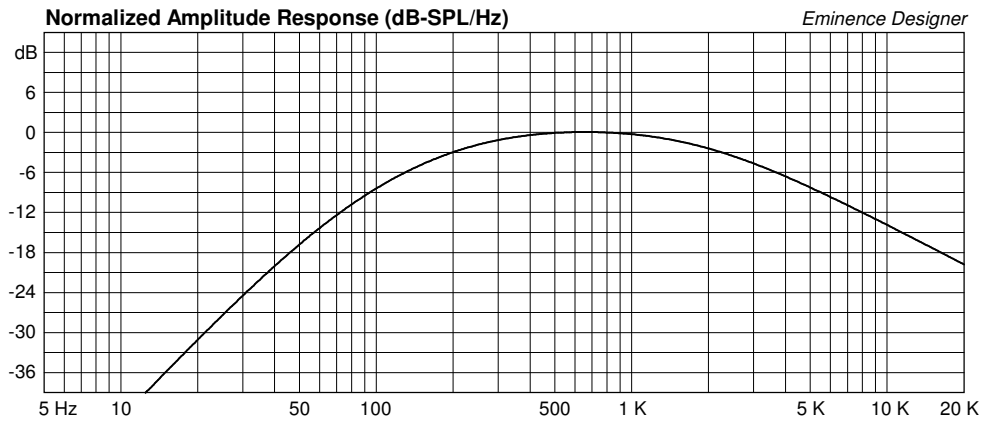
no = 3.073 %

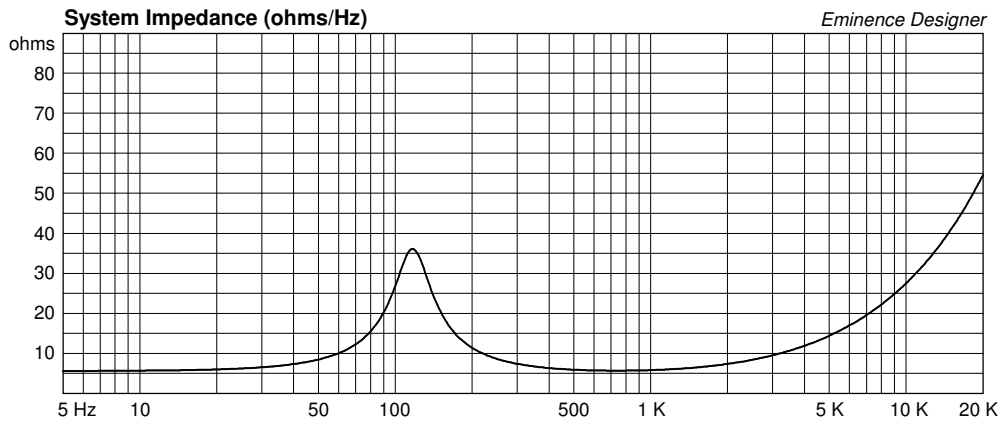
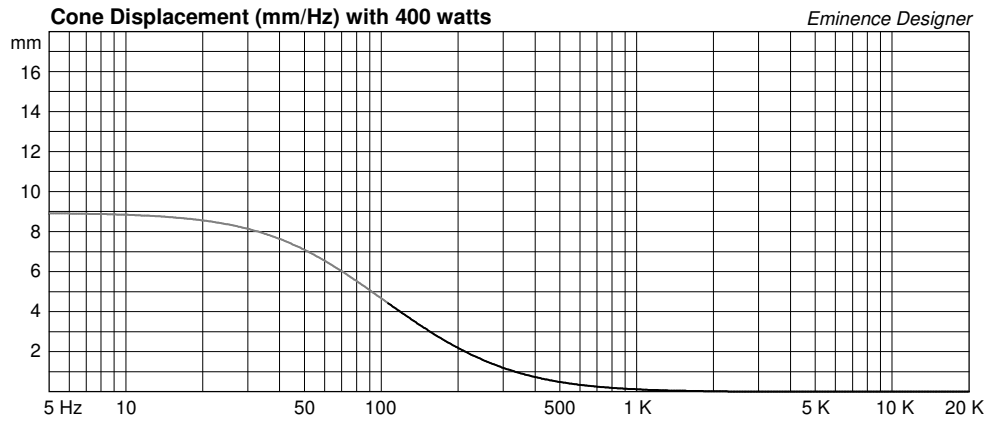
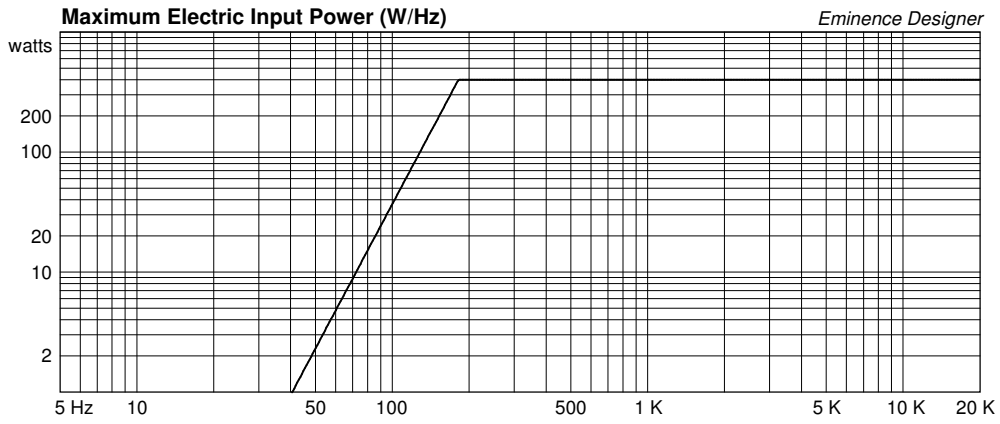
1-W SPL = 97.02 dB

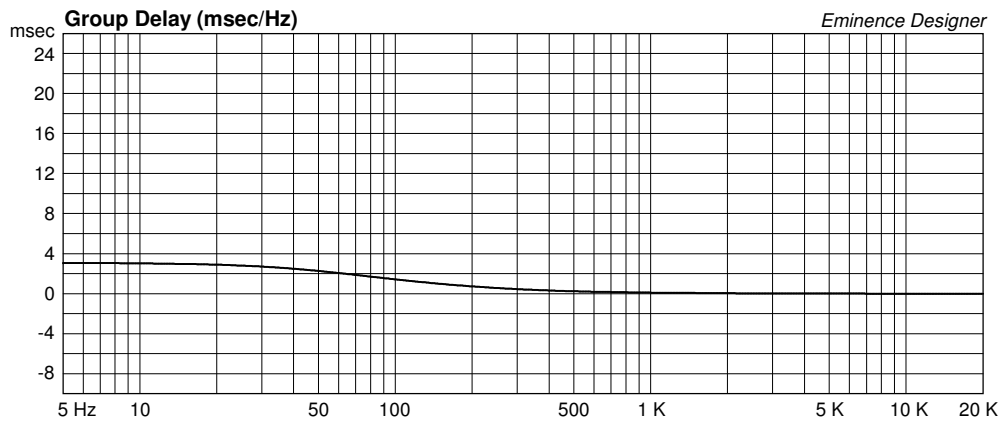
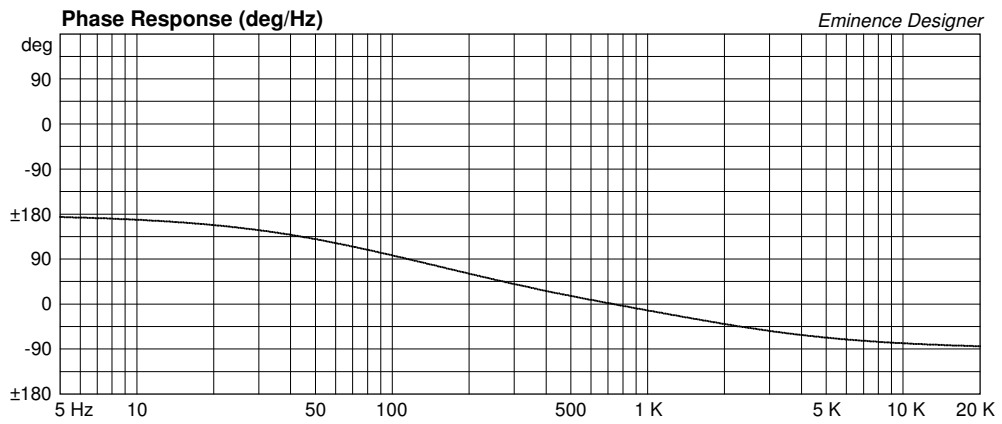
2.83-V SPL = 98.68 dB

### Wiring Diagram









# KappaLite 3010HO High Power Vented Midrange

By Jerry McNutt, Eminence Speaker LLC

400 Watts. Use at or above 400 Hz.

Place one port below and one above the driver to promote air flow.

---

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 0.565 cu.ft

V(total) = 0.648 cu.ft

Fb = 100 Hz

QL = 7

F3 = 94.97 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = two flush

Dv = 2.209 in

Lv = 0.75 in

## Driver Properties

--Description--

Name: KappaLite 3010HO

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: High Power Neo Midrange

--Configuration--

**No. of Drivers = 1**

--Mechanical Parameters--

Fs = 61.97 Hz

Qms = 5.75

Vas = 37.21 liters

Cms = 0.2 mm/N

Mms = 33.65 g

Rms = 2.28 kg/s

Xmax = 4.43 mm

Xmech = 7.5 mm

P-Dia = 214.7 mm

Sd = 366.1 sq.cm

P-Vd = 0.16 liters

--Electrical Parameters--

Qes = 0.28

Re = 5.57 ohms

Le = 0.43 mH

Z = 8 ohms

BL = 16.05 Tm

Pe = 400 watts

--Electromech. Parameters--

Qts = 0.27

no = 3.073 %

1-W SPL = 97.02 dB

2.83-V SPL = 98.68 dB

### Wiring Diagram

