

LA8-CNMB Larger Sealed Midrange Cabinet

By Jerry McNutt, Eminence Speaker LLC

Limit to 200 Watts; F3 of 188 Hz. Best used above 200 Hz.



Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 0.6 cu.ft

V(total) = 0.6 cu.ft

Qtc = 0.412

QL = 20

F3 = 188.4 Hz

Fill = heavy

Driver Properties

--Description--

Name: LA8-CNMB

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Hi Pwr Cast Neo 8" MidBass

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 81.32 Hz

Qms = 4.66

Vas = 0.391 cu.ft

Xmax = 0.175 in

Sd = 34.47 sq.in

Qes = 0.4

Re = 5.56 ohms

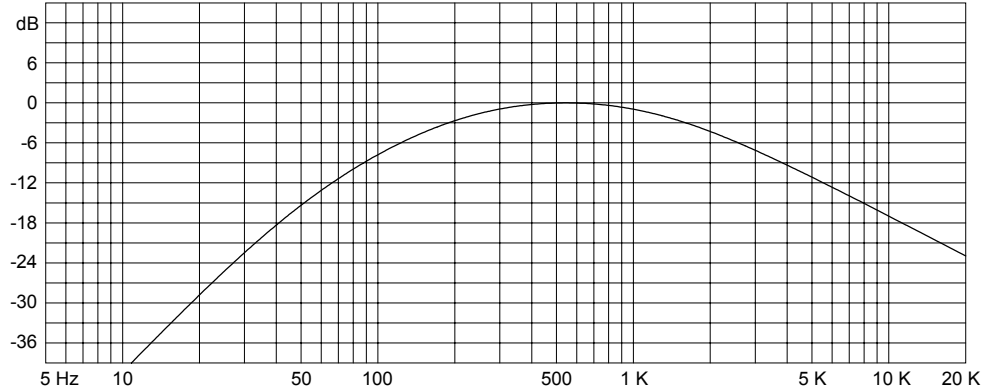
Le = 0.62 mH

Z = 8 ohms

Pe = 225 watts

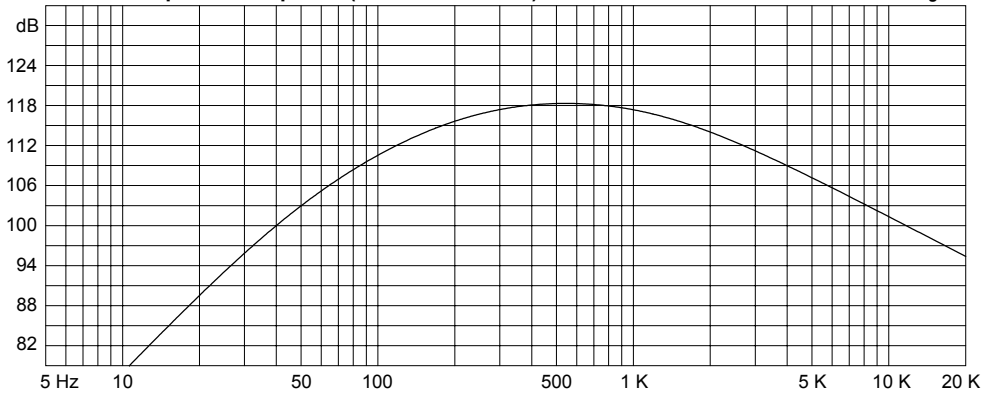
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



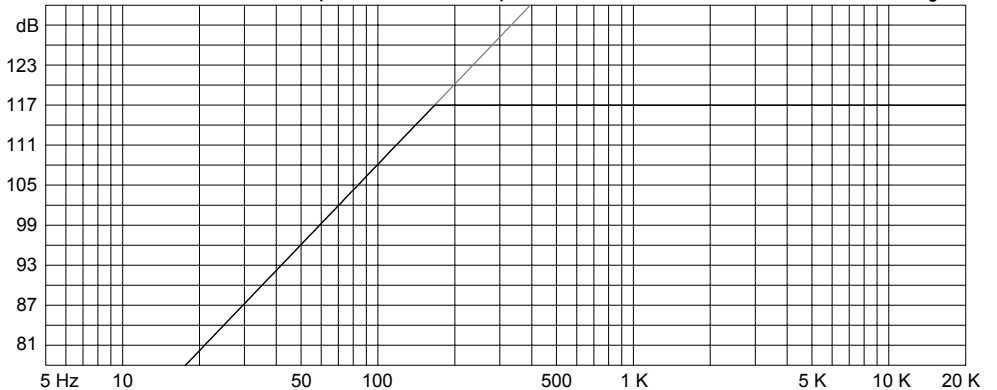
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 200 watts

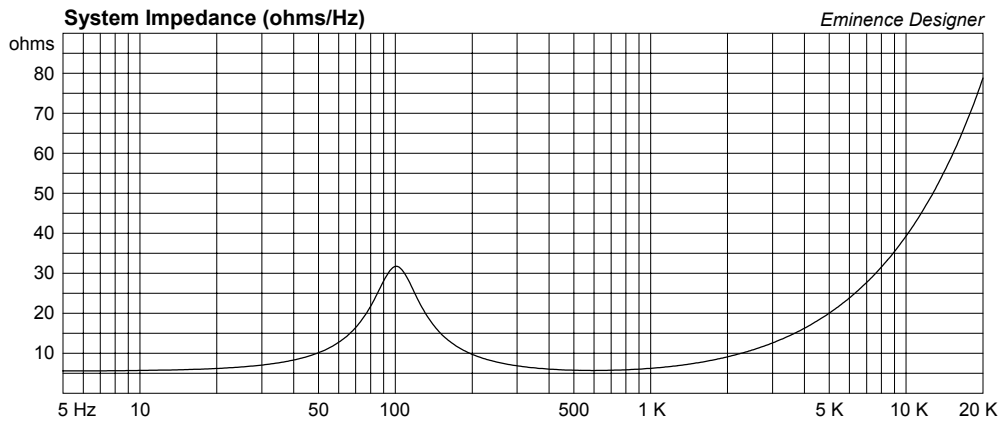
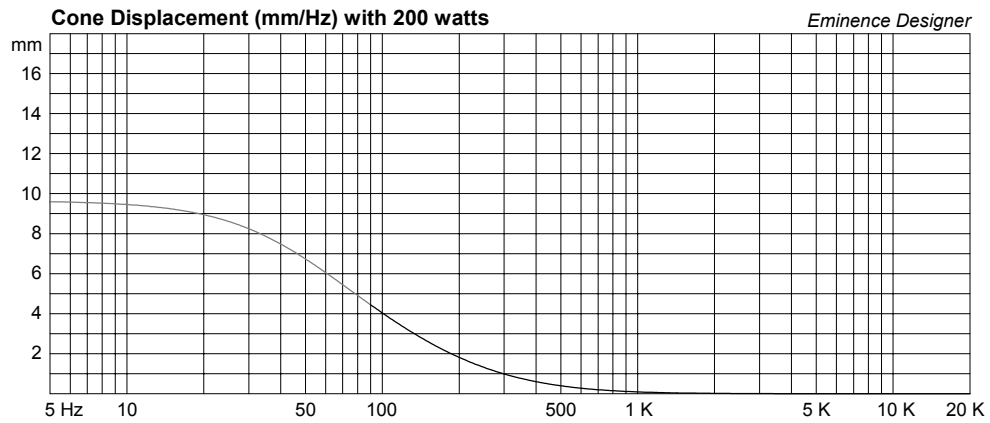
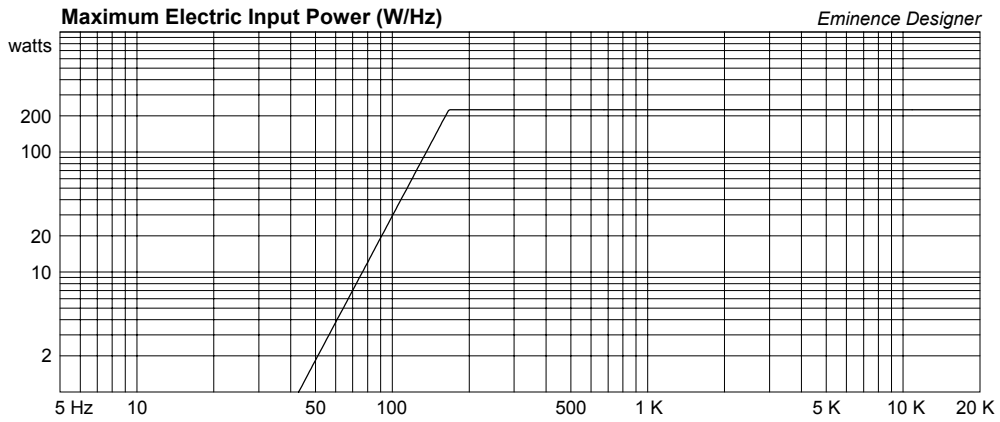
Eminence Designer

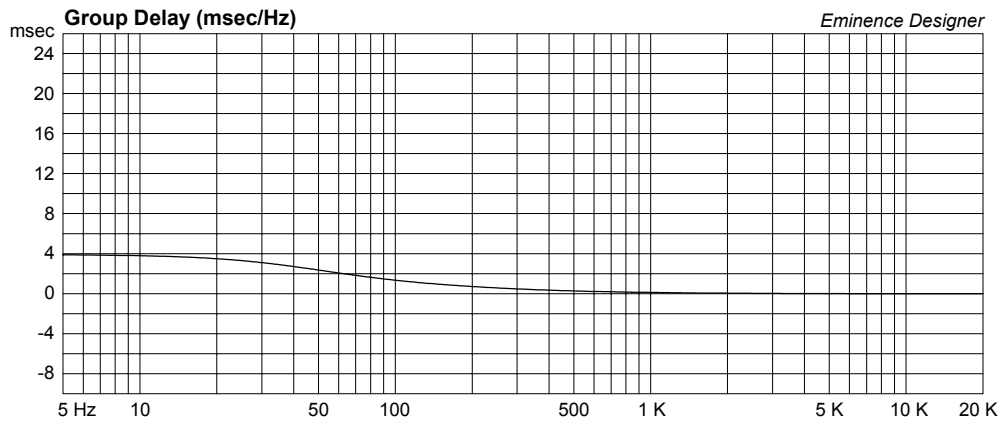
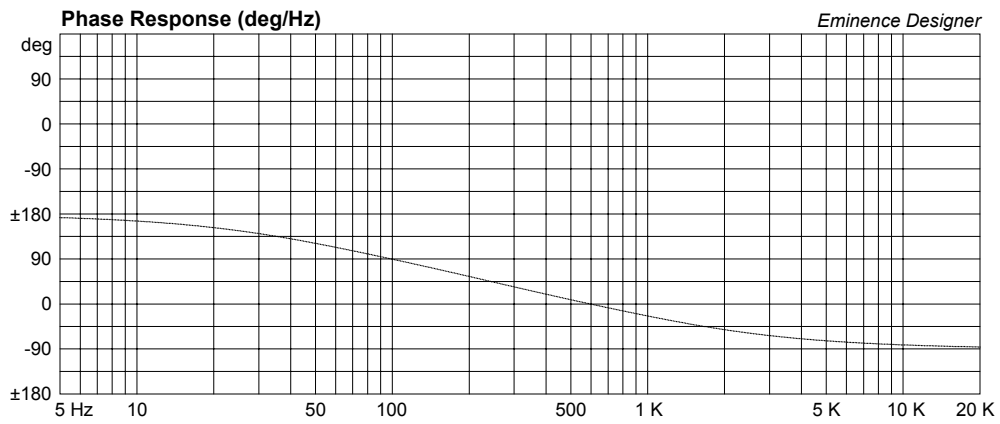


Maximum Acoustic Power (dB-SPL/Hz at 1 m)

Eminence Designer







LA8-CNMB Small Sealed Midrange Cabinet

By Jerry McNutt, Eminence Speaker LLC
Limited to 200 Watts; F3 of 184. Best used above 200 Hz.



Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 0.24 cu.ft

V(total) = 0.24 cu.ft

Qtc = 0.498

QL = 20

F3 = 183.7 Hz

Fill = heavy

Driver Properties

--Description--

Name: LA8-CNMB

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Hi Pwr Cast Neo 8" MidBass

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 81.32 Hz

Qms = 4.66

Vas = 0.391 cu.ft

Xmax = 0.175 in

Sd = 34.47 sq.in

Qes = 0.4

Re = 5.56 ohms

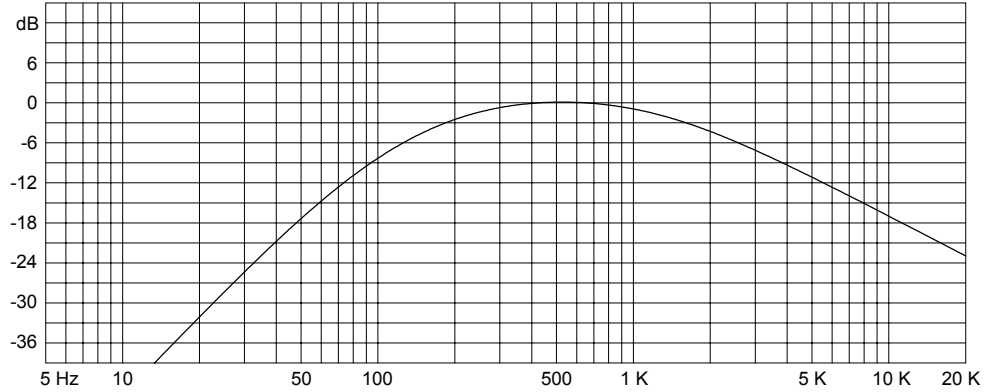
Le = 0.62 mH

Z = 8 ohms

Pe = 225 watts

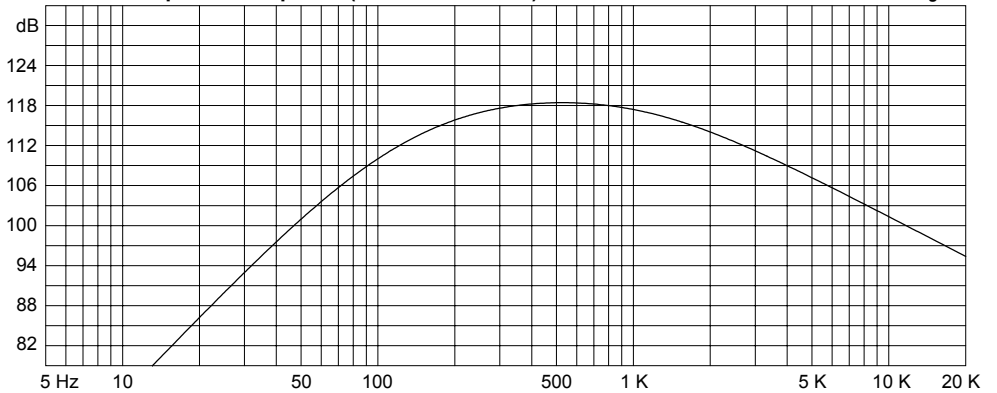
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



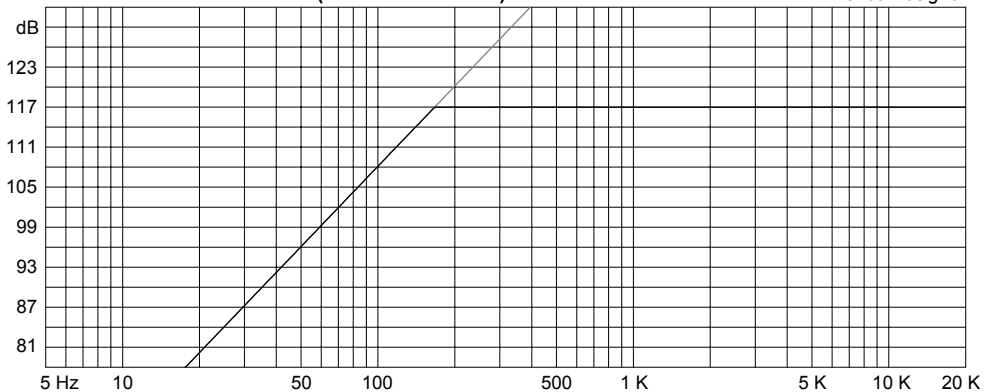
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 200 watts

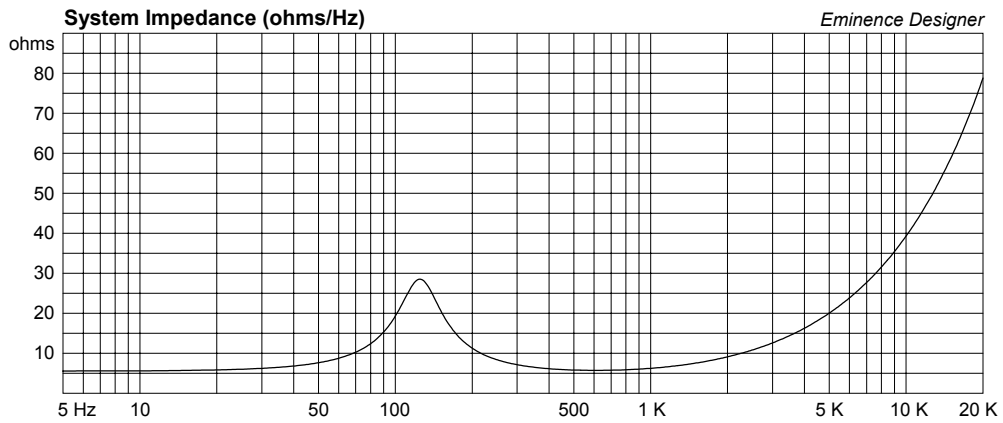
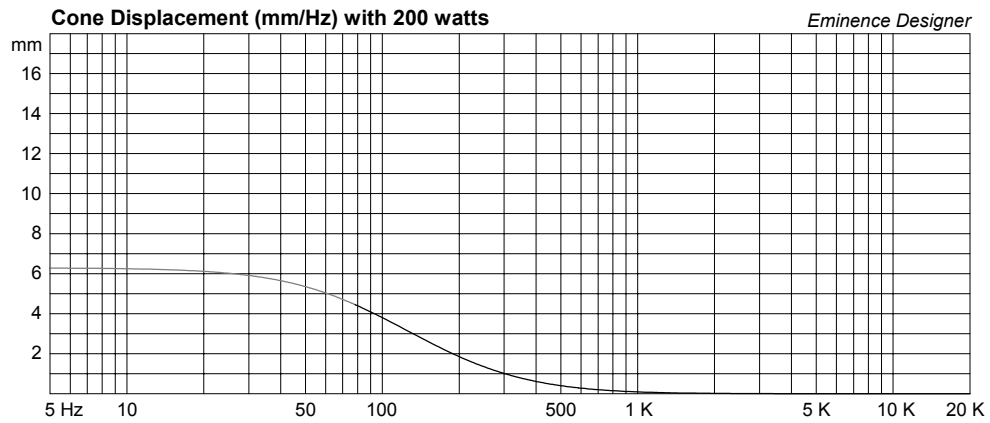
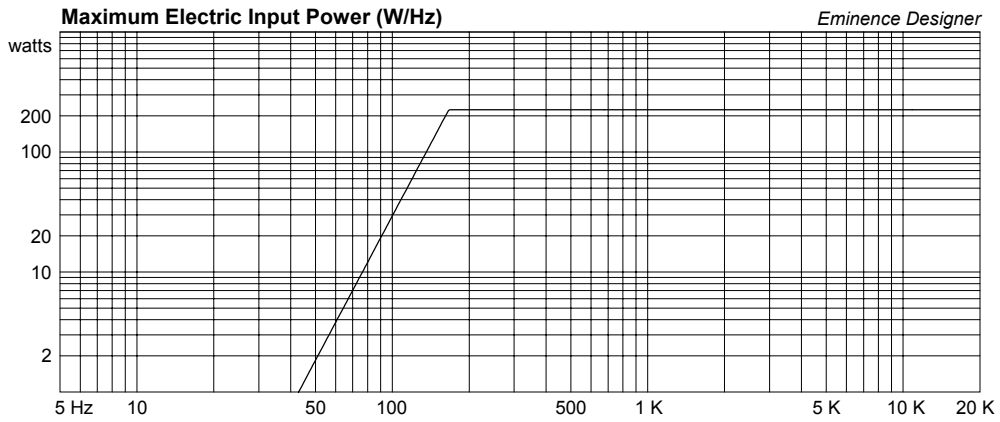
Eminence Designer

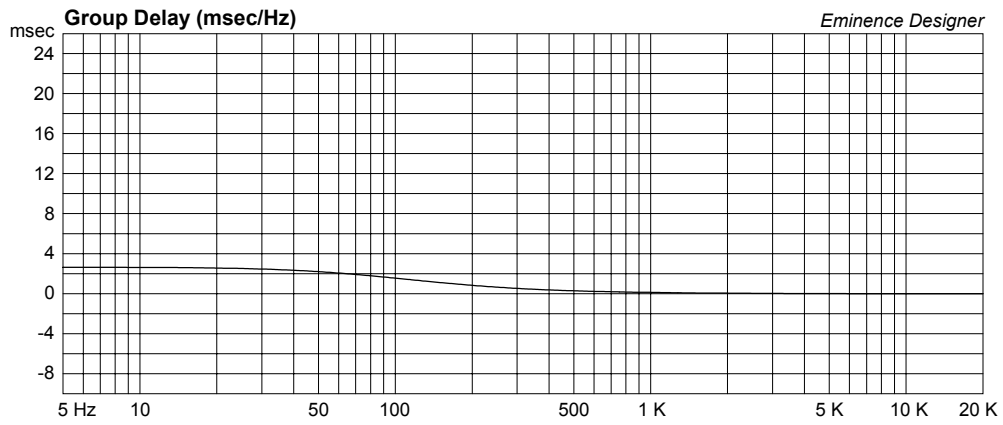
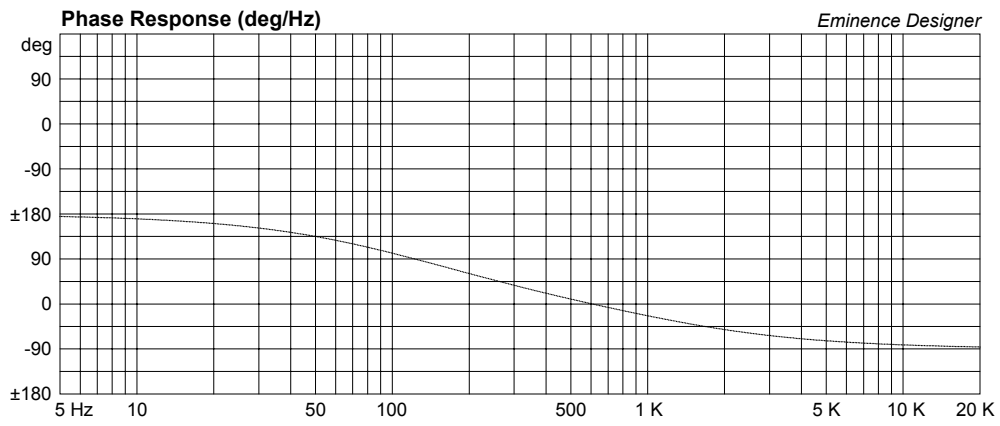


Maximum Acoustic Power (dB-SPL/Hz at 1 m)

Eminence Designer







LA8-CNMB Large Vented Mid/Bass Cabinet

By Jerry McNutt, Eminence Speaker LLC

Limited to 225 Watts; F3 of 77. Best used above 80 Hz. Place one port above and one below driver, in corners, to promote cooling air flow.



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 0.5 cu.ft

V(total) = 0.58 cu.ft

Fb = 83 Hz

QL = 7

F3 = 76.43 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 2.5 in

Lv = 5.016 in

Driver Properties

--Description--

Name: LA8-CNMB

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Hi Pwr Cast Neo 8" MidBass

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 81.32 Hz

Qms = 4.66

Vas = 0.391 cu.ft

Xmax = 0.175 in

Sd = 34.47 sq.in

Qes = 0.4

Re = 5.56 ohms

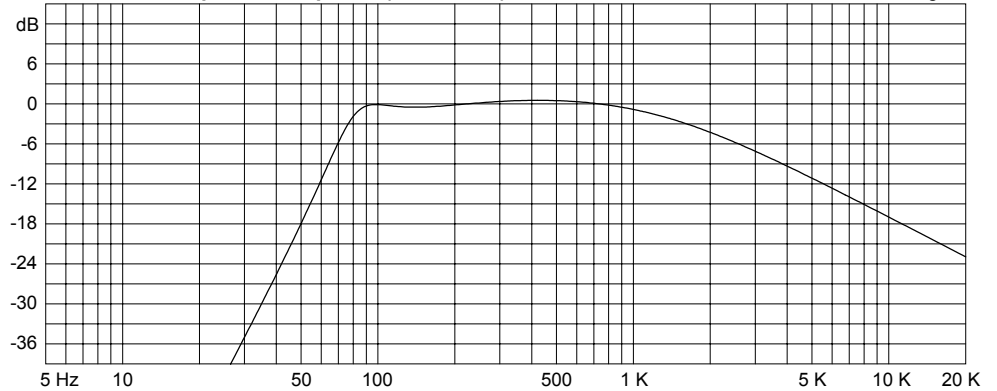
Le = 0.62 mH

Z = 8 ohms

Pe = 225 watts

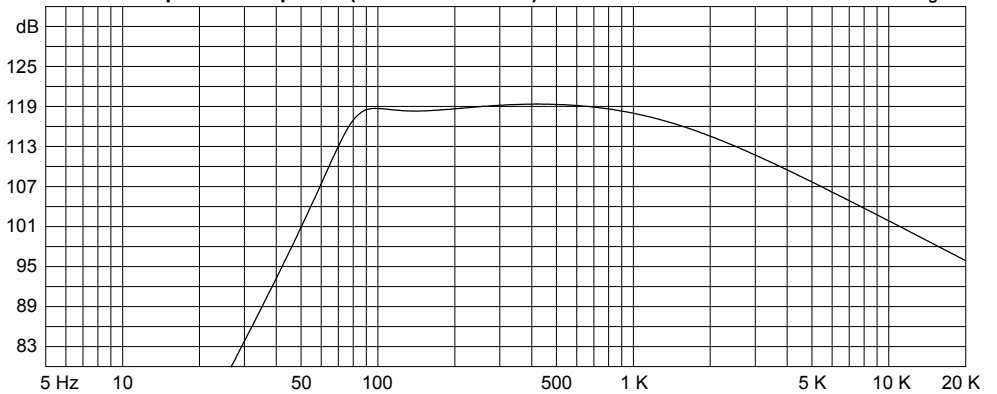
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



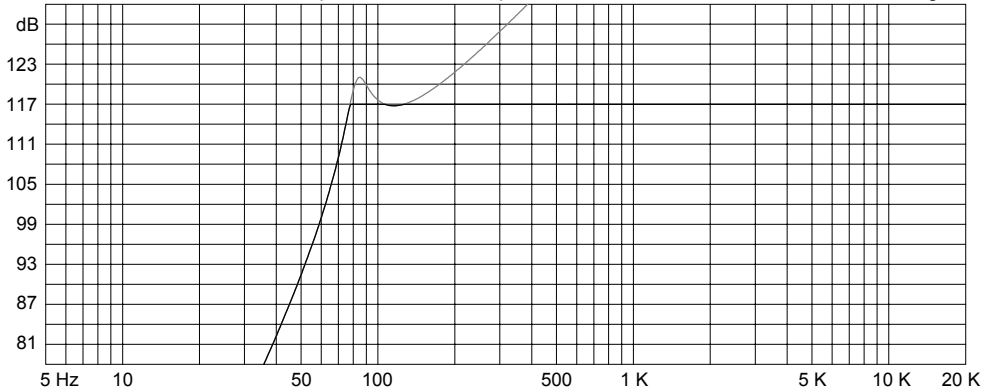
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 225 watts

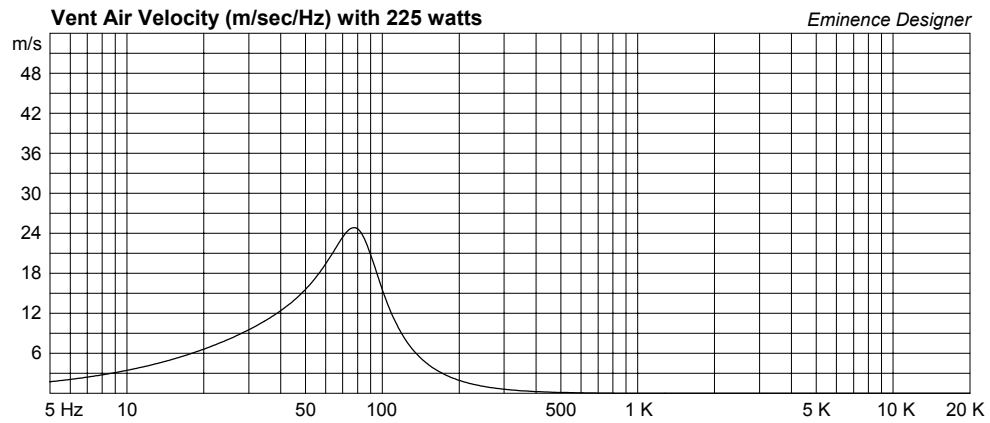
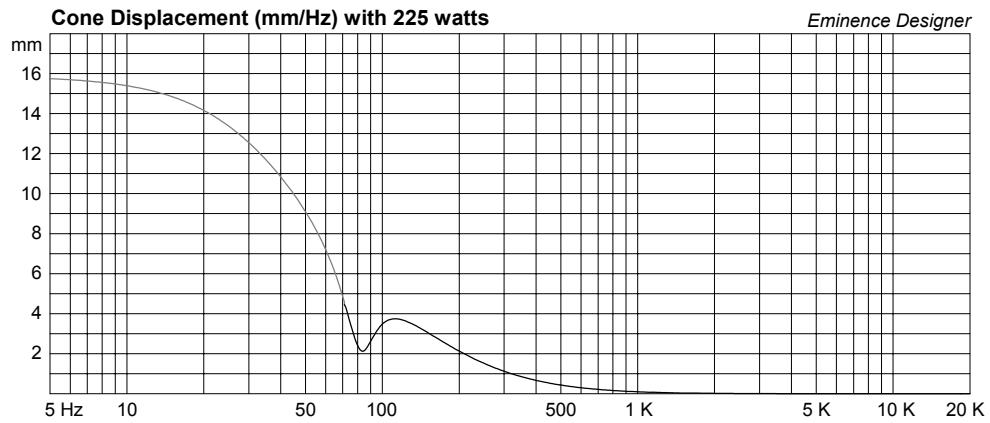
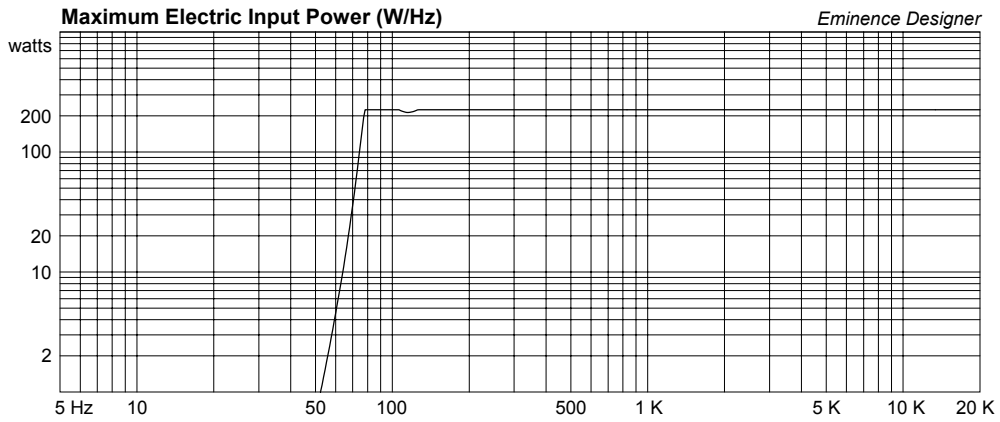
Eminence Designer

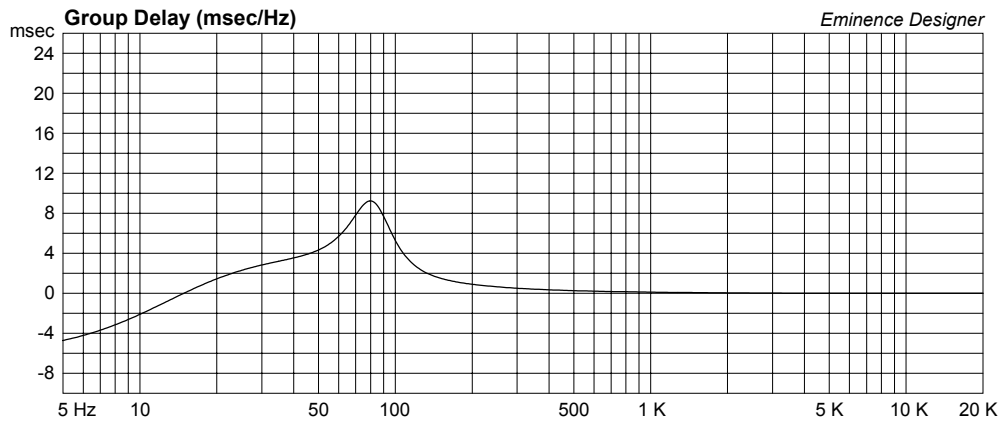
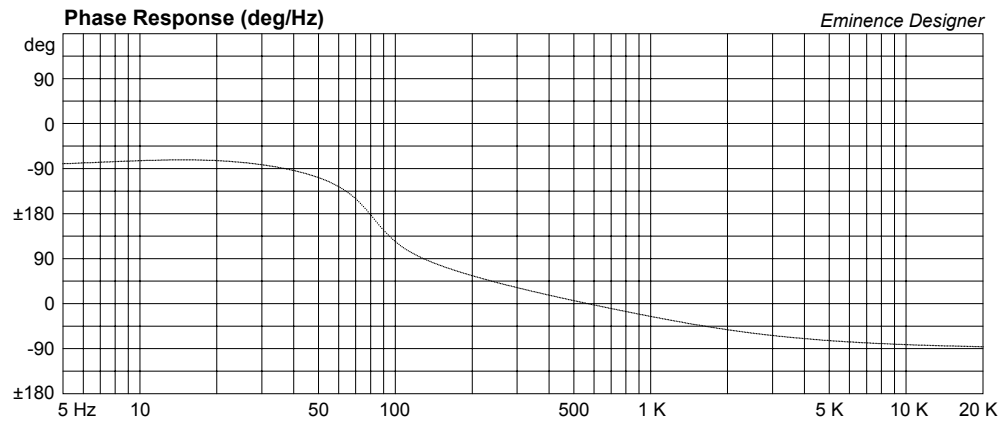
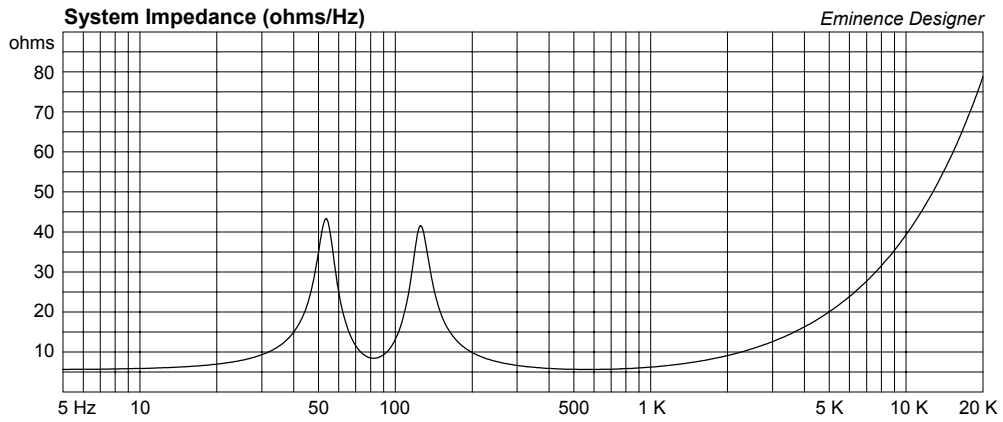


Maximum Acoustic Power (dB-SPL/Hz at 1 m)

Eminence Designer







LA8-CNMB Small Vented Mid/Bass Cabinet

By Jerry McNutt, Eminence Speaker LLC

Limited to 225 Watts; F3 of 92. Best used above 95 Hz. Place one port above and one below driver, in corners, to promote cooling air flow.



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 0.286 cu.ft

V(total) = 0.355 cu.ft

Fb = 90 Hz

QL = 7

F3 = 91.71 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 2 in

Lv = 5.23 in

Driver Properties

--Description--

Name: LA8-CNMB

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Hi Pwr Cast Neo 8" MidBass

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 81.32 Hz

Qms = 4.66

Vas = 0.391 cu.ft

Xmax = 0.175 in

Sd = 34.47 sq.in

Qes = 0.4

Re = 5.56 ohms

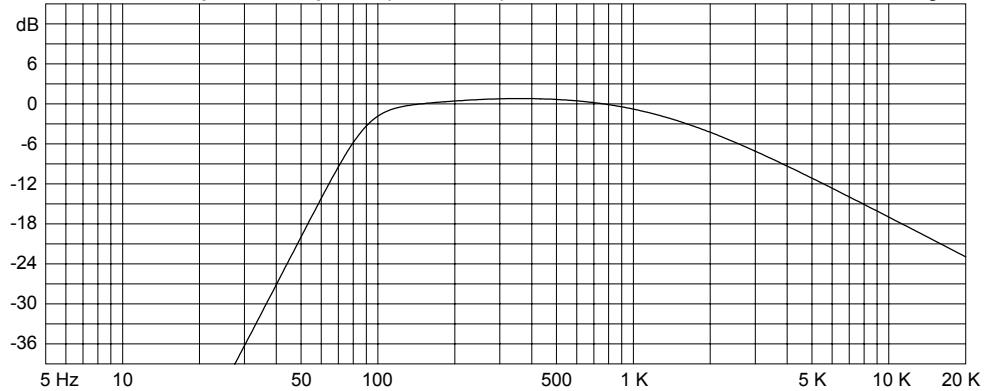
Le = 0.62 mH

Z = 8 ohms

Pe = 225 watts

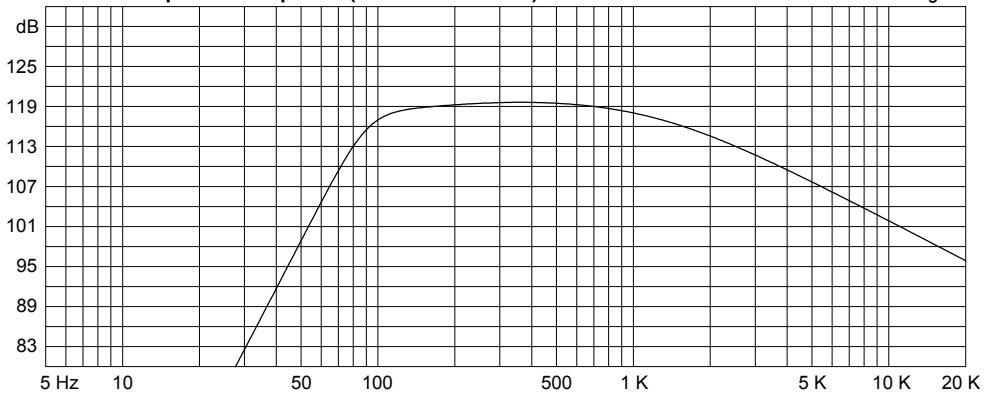
Normalized Amplitude Response (dB-SPL/Hz)

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Custom Amplitude Response (dB-SPL/Hz at 1 m) with 225 watts

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Maximum Acoustic Power (dB-SPL/Hz at 1 m)

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