

BassLite CA2010 Med Vented Bass Cabinet

By Jerry McNutt, Eminence Speaker LLC
Displacement Limited to 55 Watts; F3 48 Hz.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.75 cu.ft

V(total) = 1.885 cu.ft

Fb = 50 Hz

QL = 7

F3 = 48.08 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 5.49 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 51.38 Hz

Qms = 17.53

Vas = 49.07 liters

Xmax = 3.5 mm

Sd = 360.7 sq.cm

Qes = 0.52

Re = 5.46 ohms

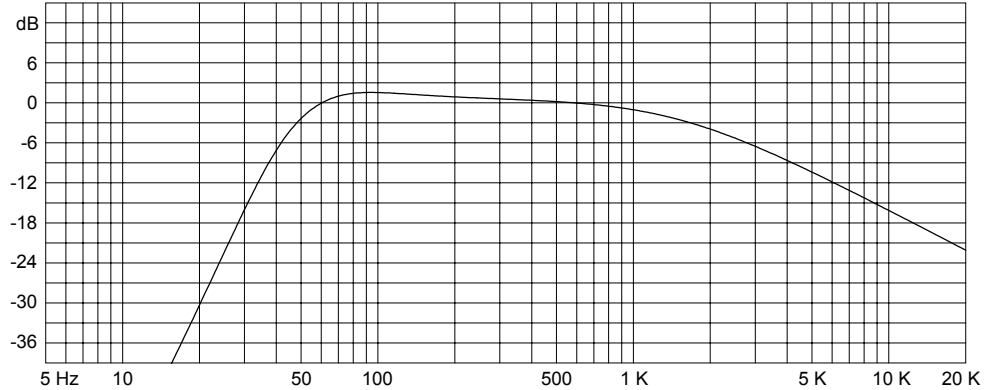
Le = 0.55 mH

Z = 8 ohms

Pe = 150 watts

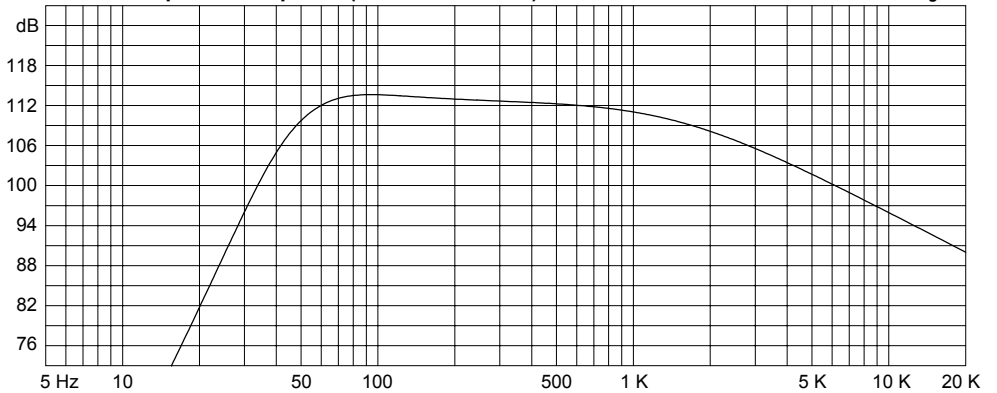
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



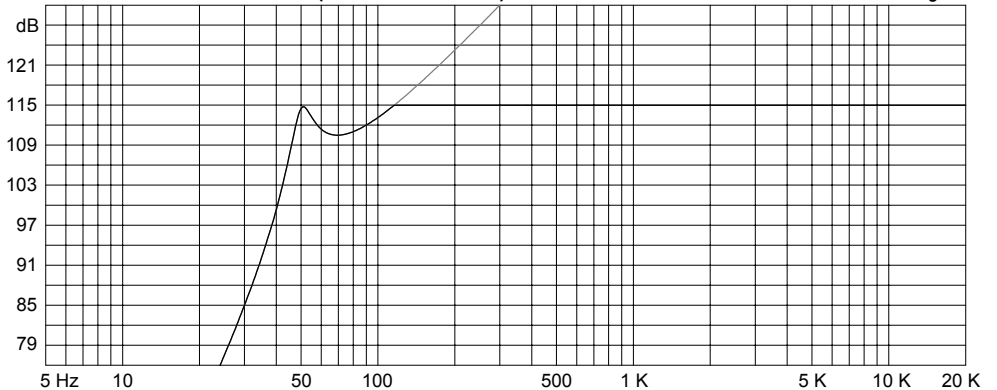
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 55 watts

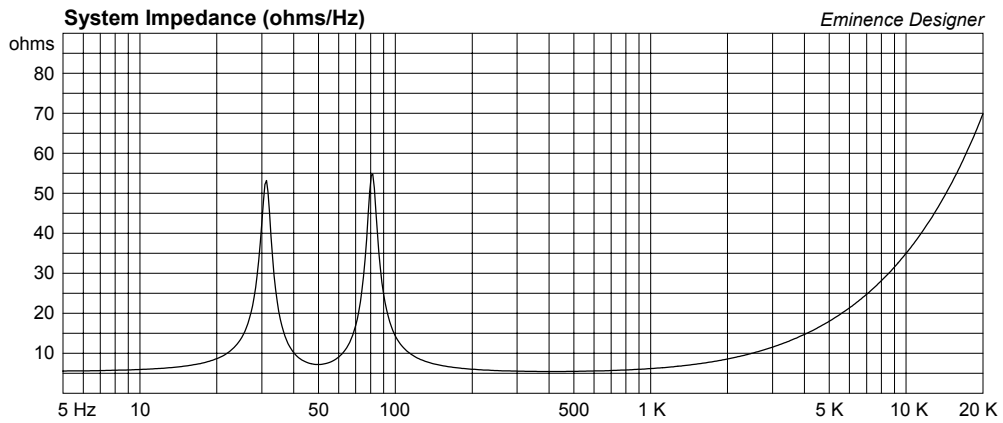
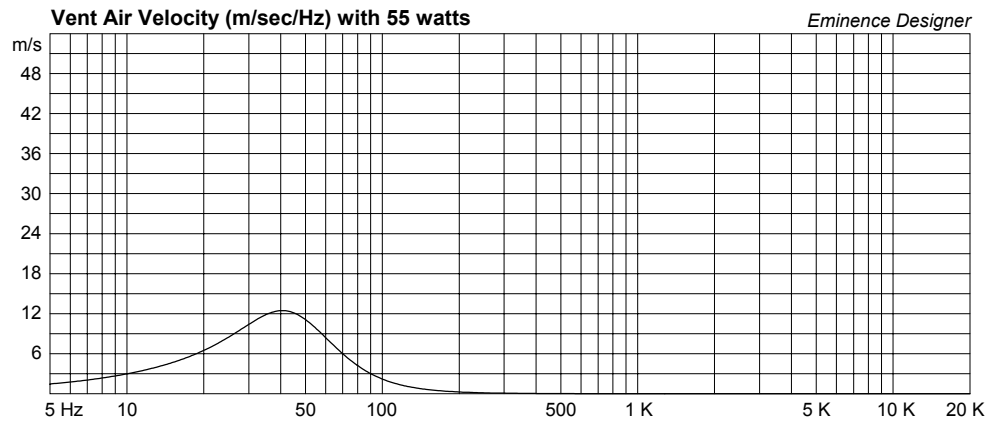
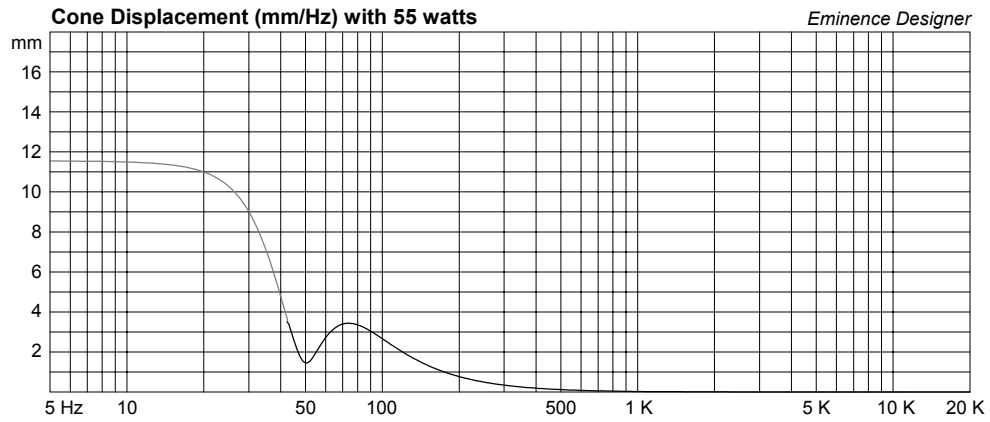
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Maximum Acoustic Power (dB-SPL/Hz at 1 m)

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BassLite CA2010 Med Vented 2x10 Bass Cabinet

By Jerry McNutt, Eminence Speaker LLC
Displacement Limited to 155 Watts; F3 of 57 Hz.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.45 cu.ft

V(total) = 2.667 cu.ft

Fb = 60 Hz

QL = 7

F3 = 56.83 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 3.23 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 2

Mounting = Standard

Wiring = Parallel

Drivers sum coherently = Yes

--Driver Parameters--

Fs = 51.38 Hz

Qms = 17.53

Vas = 49.07 liters [98.14]

Xmax = 3.5 mm

Sd = 360.7 sq.cm [721.4]

Qes = 0.52

Re = 5.46 ohms [2.73]

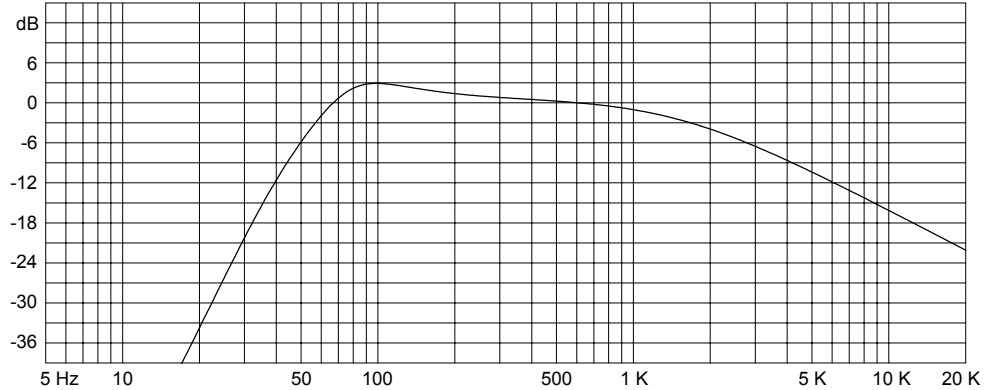
Le = 0.55 mH [0.275]

Z = 8 ohms [4]

Pe = 150 watts [300]

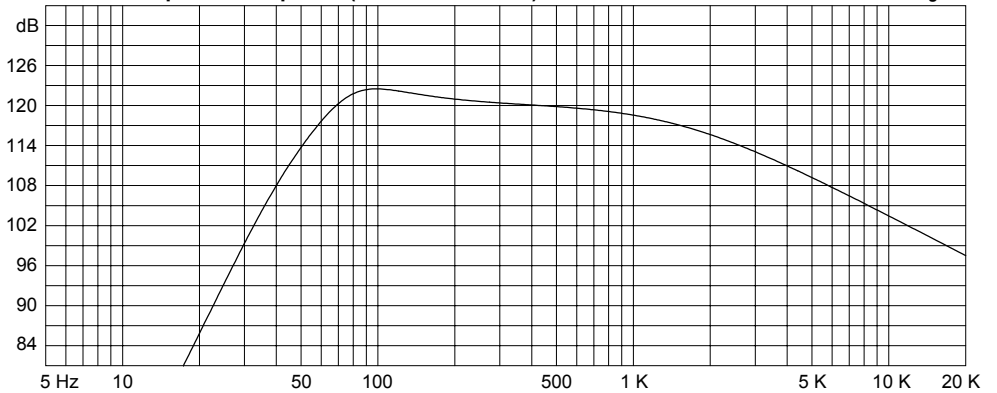
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



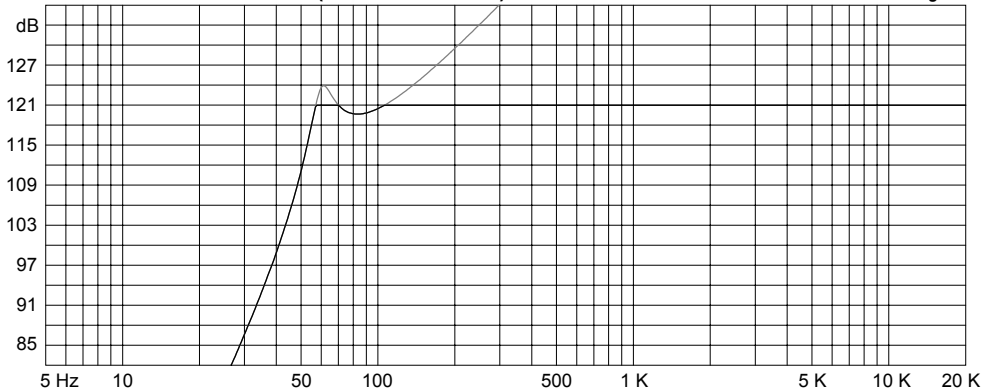
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 155 watts

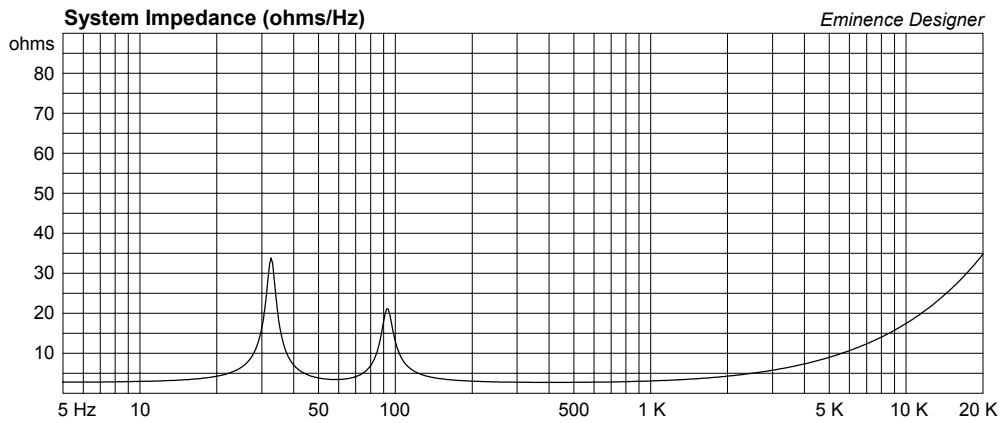
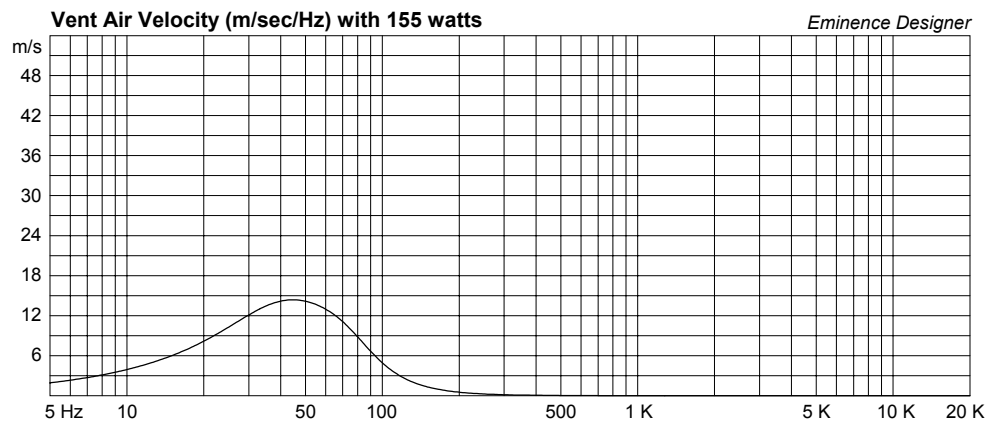
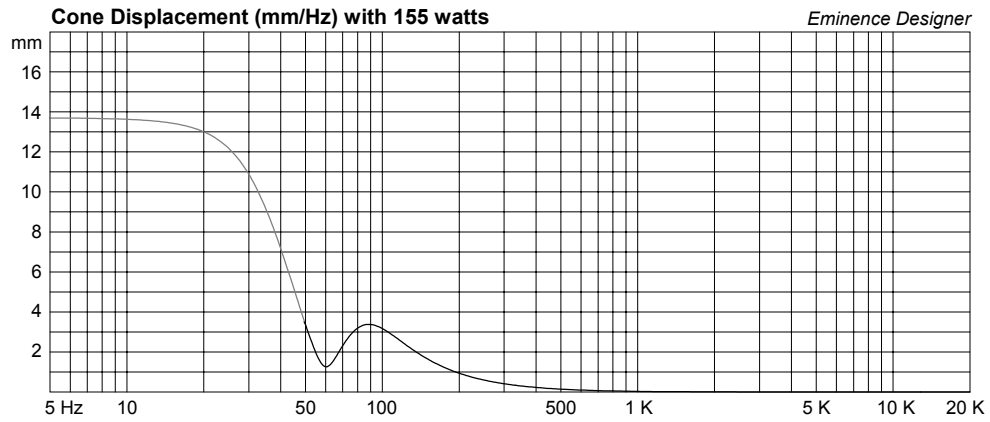
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Maximum Acoustic Power (dB-SPL/Hz at 1 m)

Eminence Designer





BassLite CA2010 Med Vented 4x10 Bass Cabinet

By Jerry McNutt, Eminence Speaker LLC
Displacement Limited to 350 Watts; F3 of 58 Hz.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 4.5 cu.ft

V(total) = 4.927 cu.ft

Fb = 60 Hz

QL = 7

F3 = 58.45 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 3.04 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 4

Mounting = Standard

Wiring = Series-Parallel

Drivers sum coherently = Yes

--Driver Parameters--

Fs = 51.38 Hz

Qms = 17.53

Vas = 49.07 liters [196.3]

Xmax = 3.5 mm

Sd = 360.7 sq.cm [1443]

Qes = 0.52

Re = 5.46 ohms [5.46]

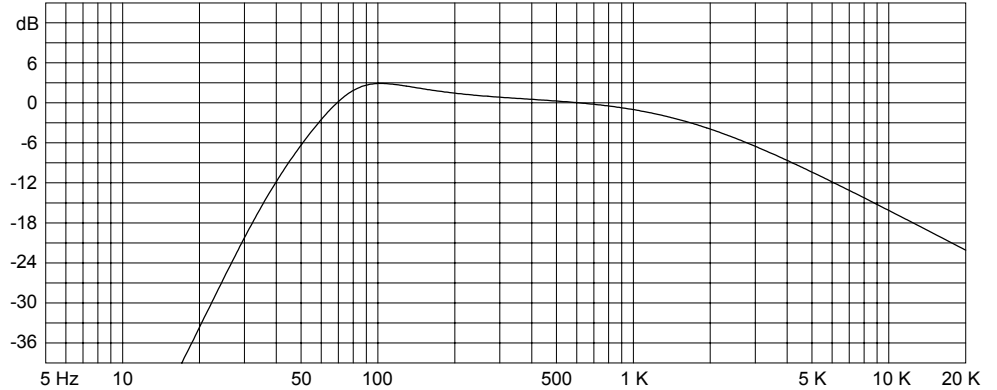
Le = 0.55 mH [0.55]

Z = 8 ohms [8]

Pe = 150 watts [600]

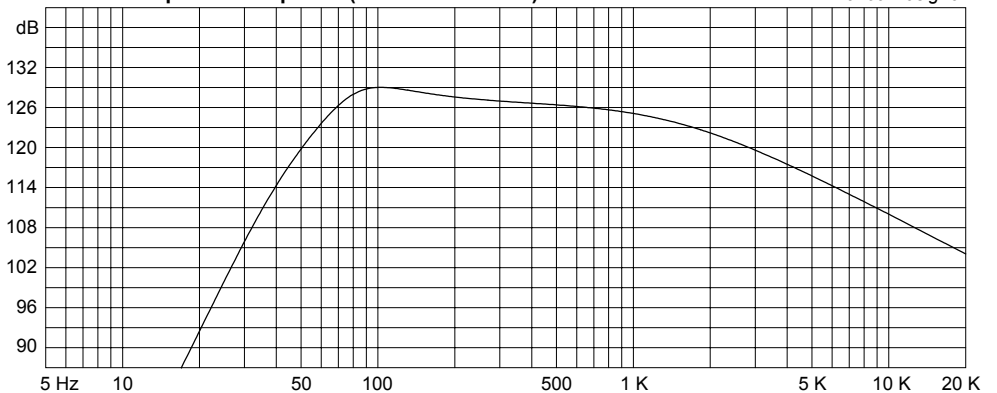
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



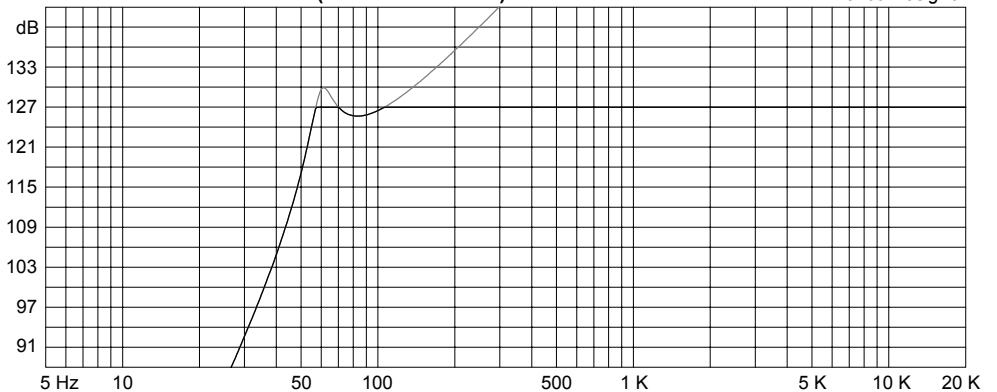
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 350 watts

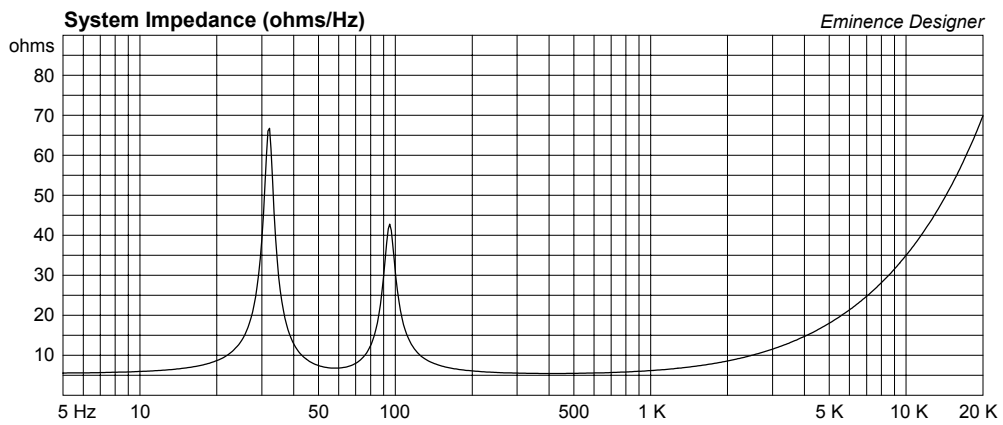
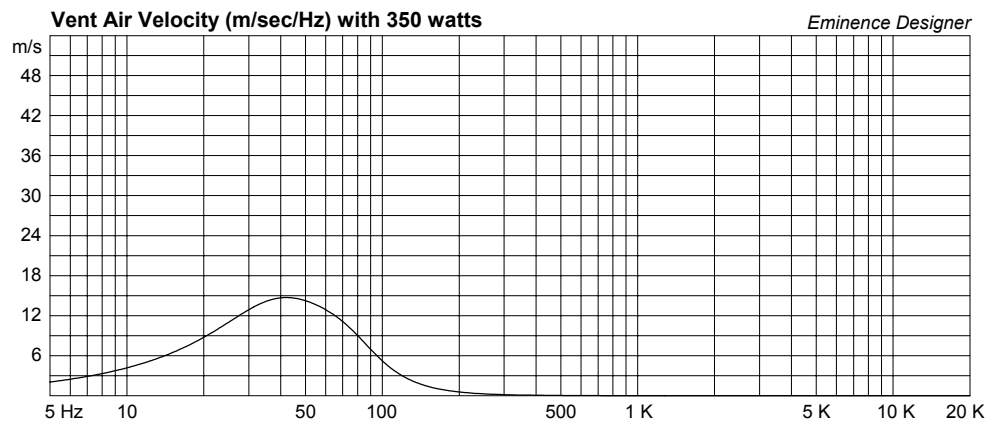
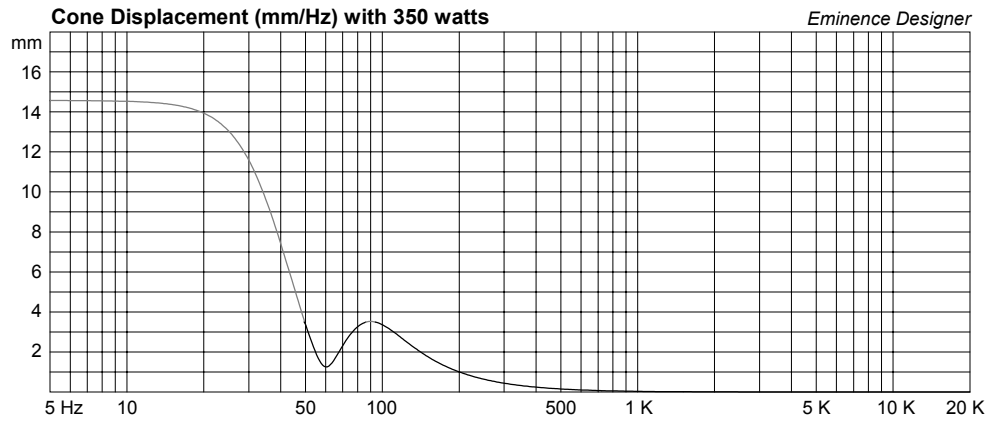
Eminence Designer



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

Eminence Designer





BassLite CA2010

By Jerry McNutt, Eminence Speaker LLC

Displacement Limited to 50 Watts; F3 of 88Hz, slow roll off. Tight and very punchy sounding. Very clean and non-boomy.

Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 0.7 cu.ft

V(total) = 0.7 cu.ft

Qtc = 0.73

QL = 20

F3 = 88.15 Hz

Fill = heavy

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 51.38 Hz

Qms = 17.53

Vas = 49.07 liters

Xmax = 3.5 mm

Sd = 360.7 sq.cm

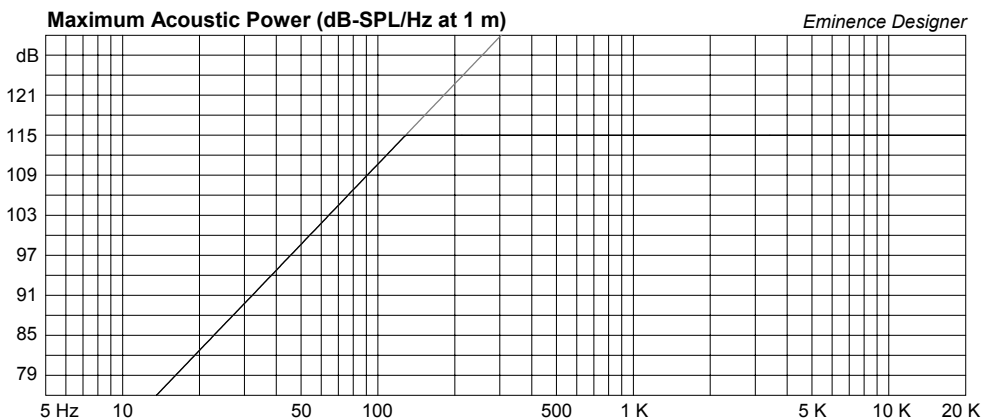
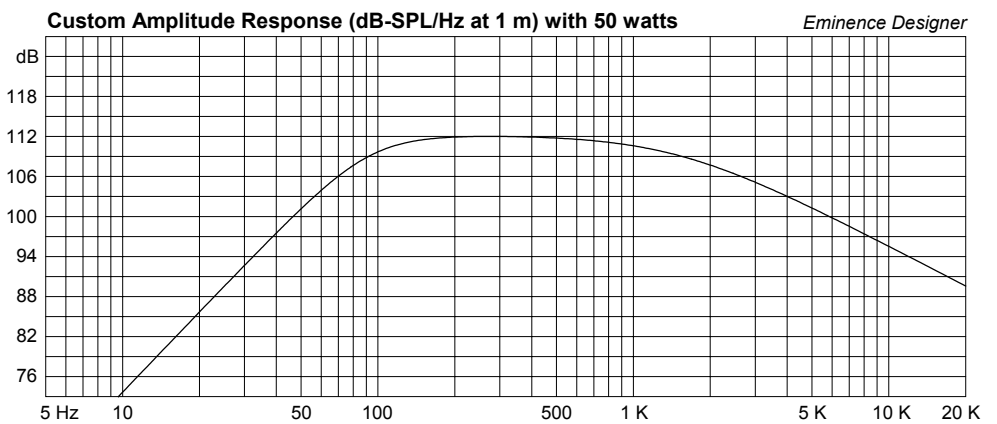
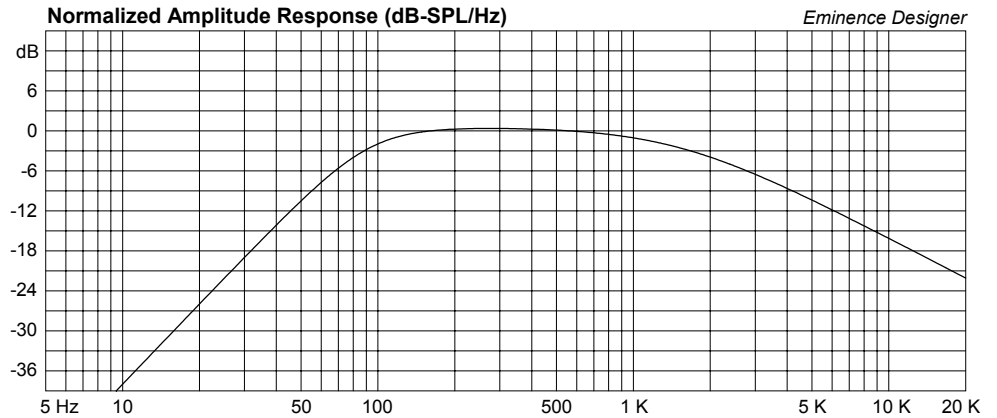
Qes = 0.52

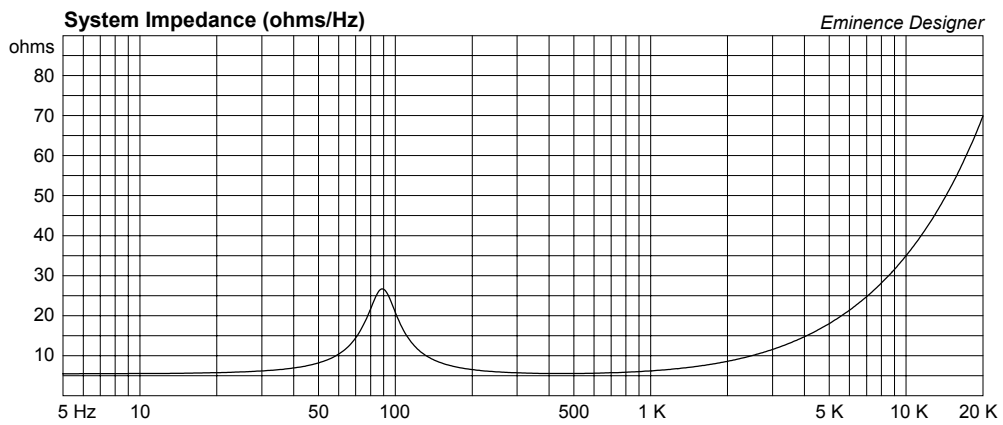
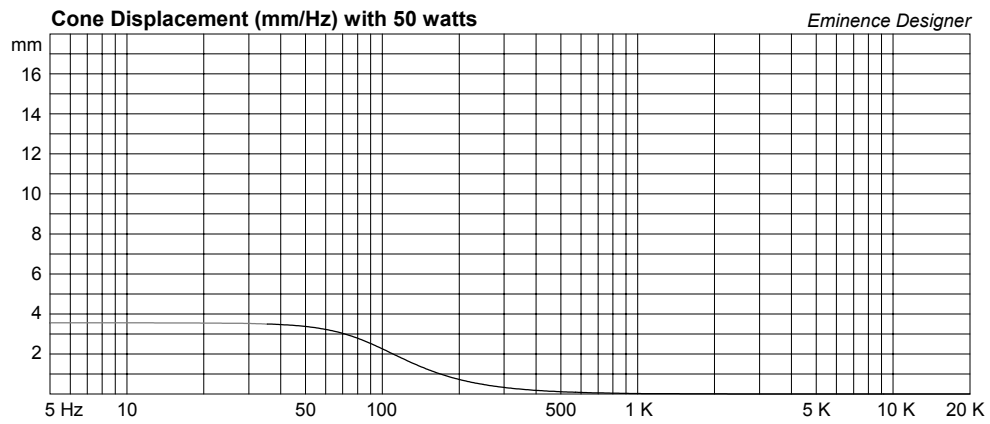
Re = 5.46 ohms

Le = 0.55 mH

Z = 8 ohms

Pe = 150 watts





BassLite CA2010 Small 2x10 Sealed Cabinet

By Jerry McNutt, Eminence Speaker LLC

Displacement Limited to 100 Watts; F3 of 88 Hz, slow roll off below that.

Tight and punchy bass; very clean and non-boomy.

Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 1.559 cu.ft

V(total) = 1.723 cu.ft

Qtc = 0.709

QL = 20

F3 = 87.35 Hz

Fill = heavy

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 2

Mounting = Standard

Wiring = Parallel

Drivers sum coherently = Yes

--Driver Parameters--

Fs = 51.38 Hz

Qms = 17.53

Vas = 49.07 liters [98.14]

Xmax = 3.5 mm

Sd = 360.7 sq.cm [721.4]

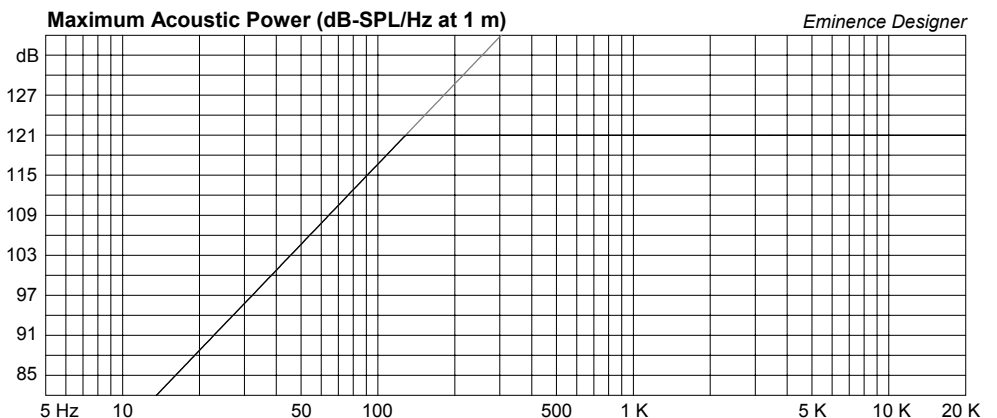
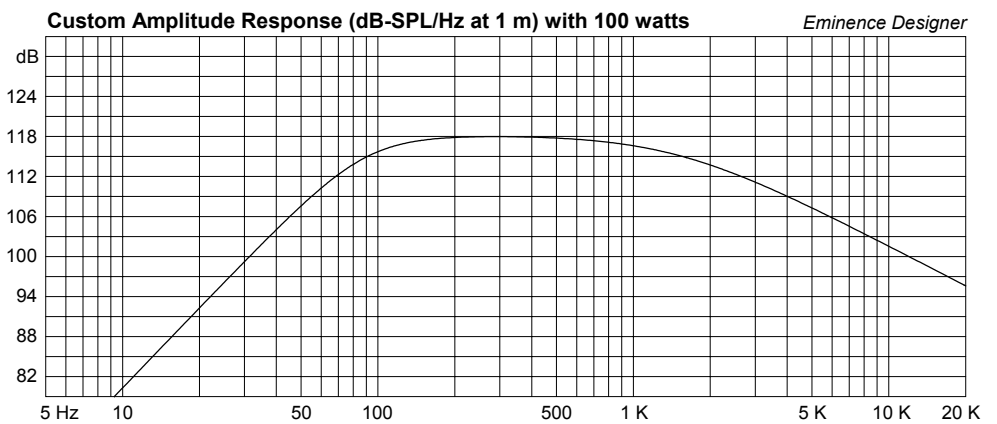
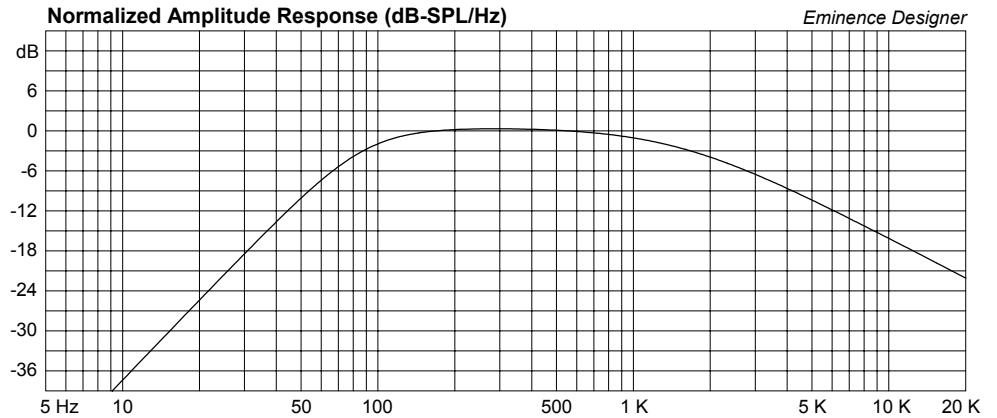
Qes = 0.52

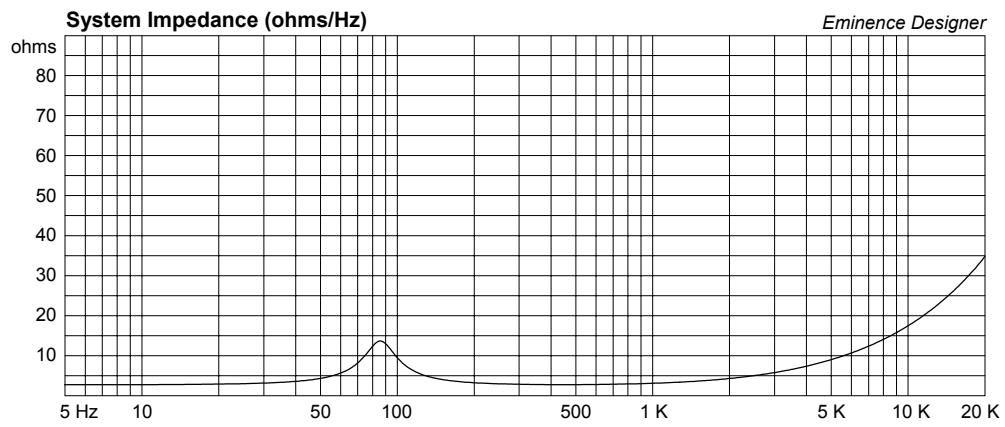
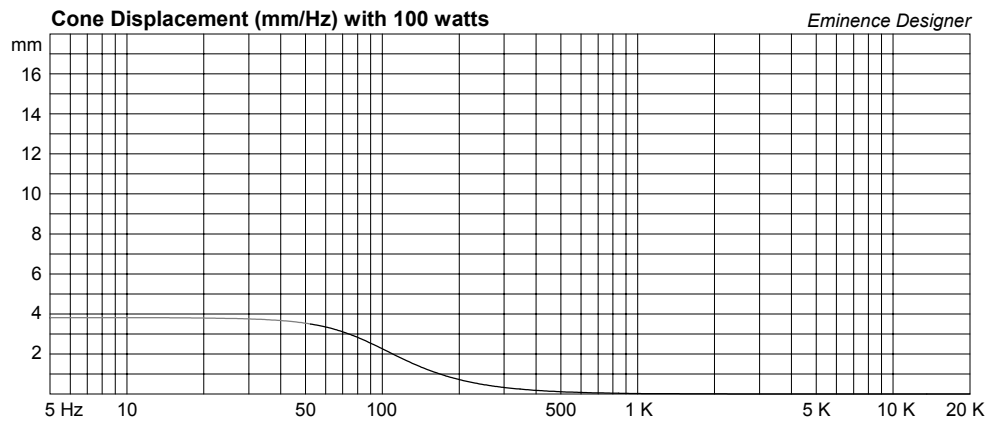
Re = 5.46 ohms [2.73]

Le = 0.55 mH [0.275]

Z = 8 ohms [4]

Pe = 150 watts [300]





BassLite CA2010 Sealed 4x10 Bass Cabinet

By Jerry McNutt, Eminence Speaker LLC

Displacement Limited to 200 Watts; F3 of 88 Hz, slow roll-off below that.

Very tight and punchy sounding; very clean and non-boomy.

Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 3.042 cu.ft

V(total) = 3.369 cu.ft

Qtc = 0.707

QL = 15.92

F3 = 88.26 Hz

Fill = heavy

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 4

Mounting = Standard

Wiring = Series-Parallel

Drivers sum coherently = Yes

--Driver Parameters--

Fs = 51.38 Hz

Qms = 17.53

Vas = 49.07 liters [196.3]

Xmax = 3.5 mm

Sd = 360.7 sq.cm [1443]

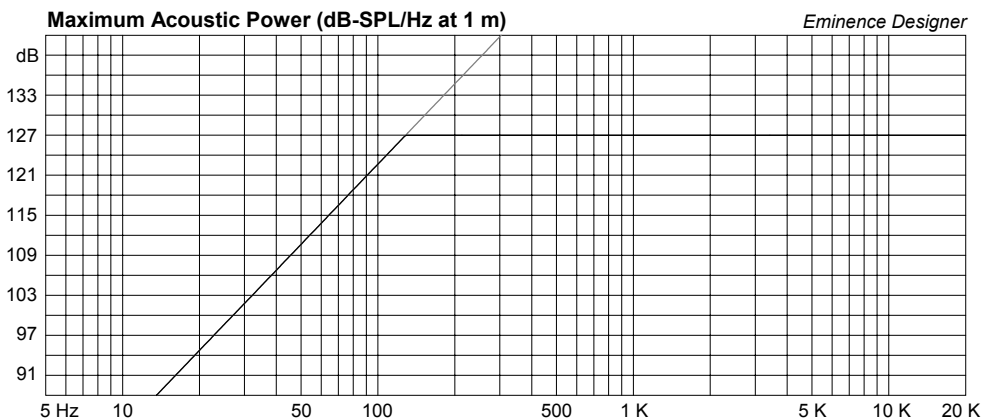
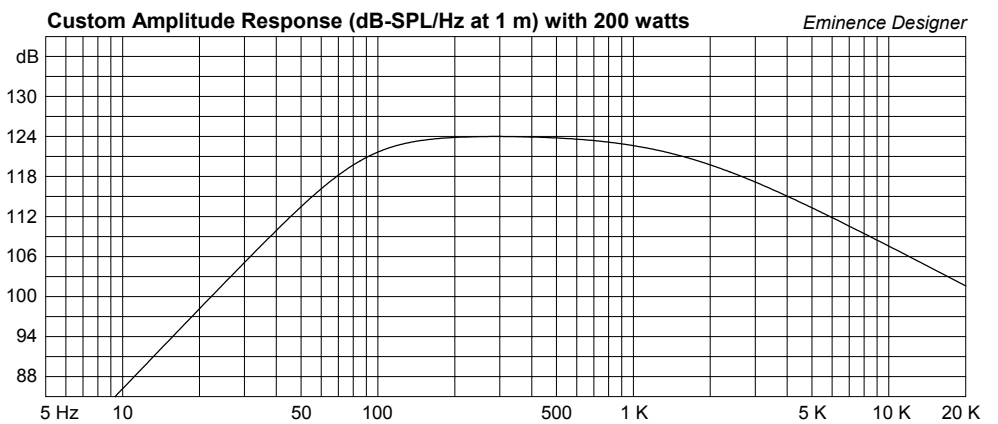
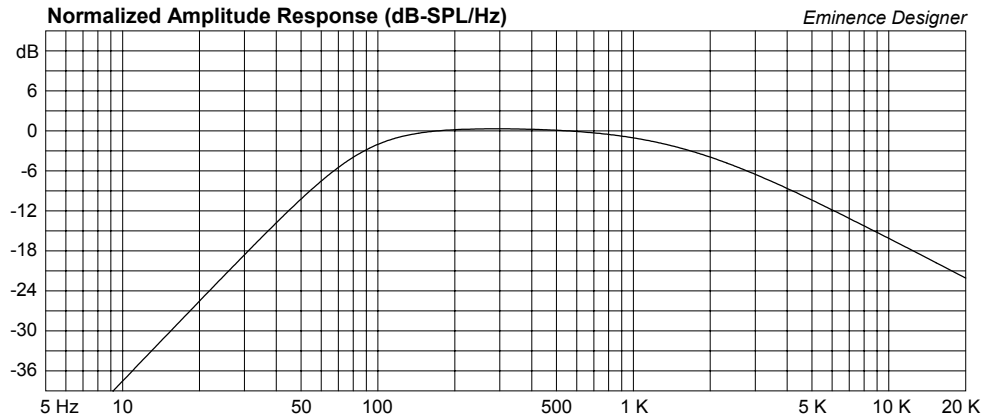
Qes = 0.52

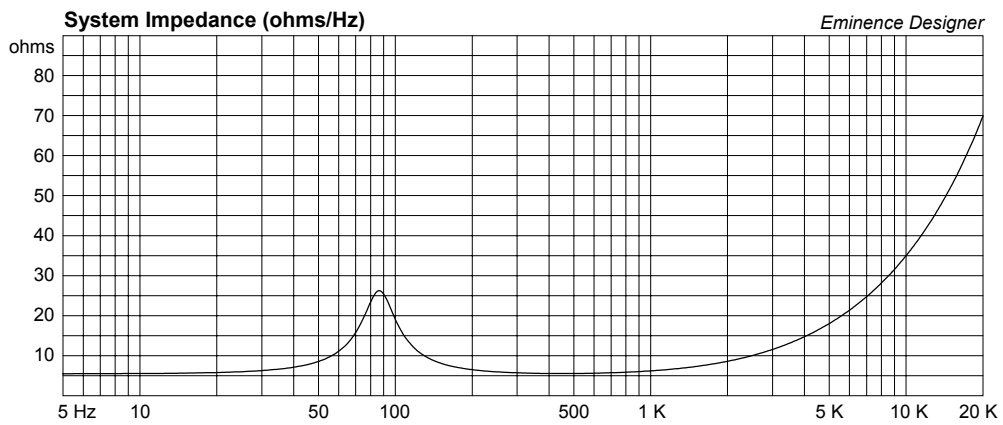
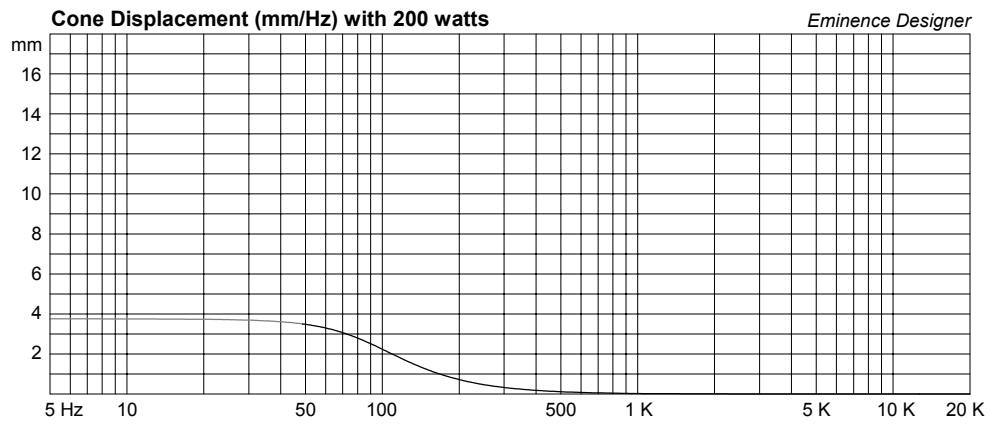
Re = 5.46 ohms [5.46]

Le = 0.55 mH [0.55]

Z = 8 ohms [8]

Pe = 150 watts [600]





BassLite CA2010 Small Vented Bass Cabinet

By Jerry McNutt, Eminence Speaker LLC
Displacement Limited to 125 Watts; F3 of 70 Hz.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 0.74 cu.ft

V(total) = 0.894 cu.ft

Fb = 69.42 Hz

QL = 7

F3 = 69.98 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 7.551 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 51.38 Hz

Qms = 17.53

Vas = 49.07 liters

Xmax = 3.5 mm

Sd = 360.7 sq.cm

Qes = 0.52

Re = 5.46 ohms

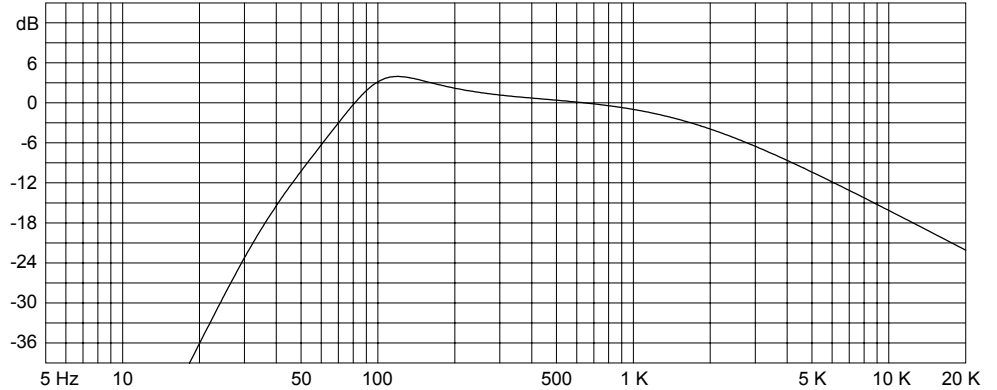
Le = 0.55 mH

Z = 8 ohms

Pe = 150 watts

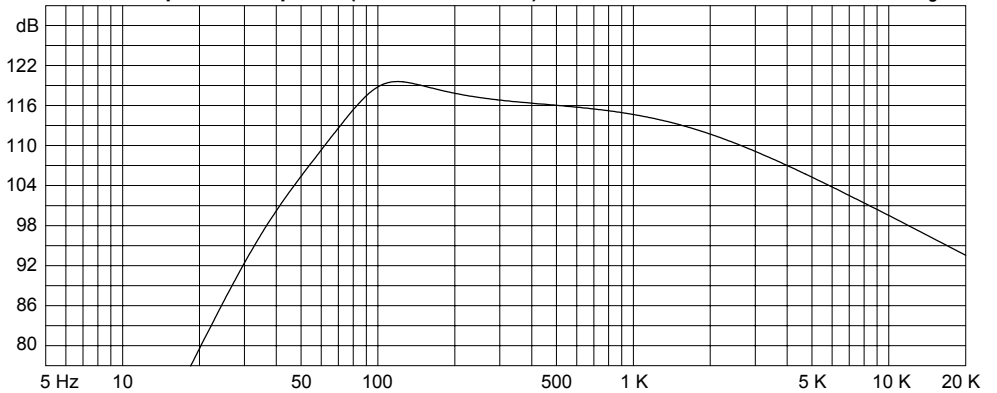
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



Custom Amplitude Response (dB-SPL/Hz at 1 m) with 125 watts

Eminence Designer



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

Eminence Designer

