

BassLite S2010 Small Vented, 1x10" Bass Guitar Cabinet

By Jerry McNutt, Eminence Speaker LLC
150 Watt Thermal Limit; F3 of 77 Hz.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 0.65 cu.ft

V(total) = 0.797 cu.ft

Fb = 67 Hz

QL = 7

F3 = 77.26 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 2.75 in

Lv = 8.141 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 46.15 Hz

Qms = 4.16

Vas = 63.42 liters

Xmax = 4 mm

Sd = 350.1 sq.cm

Qes = 0.34

Re = 5.02 ohms

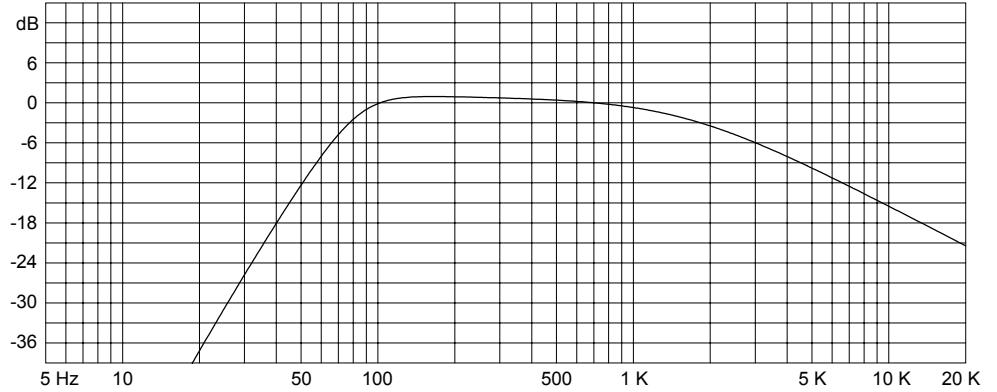
Le = 0.47 mH

Z = 8 ohms

Pe = 150 watts

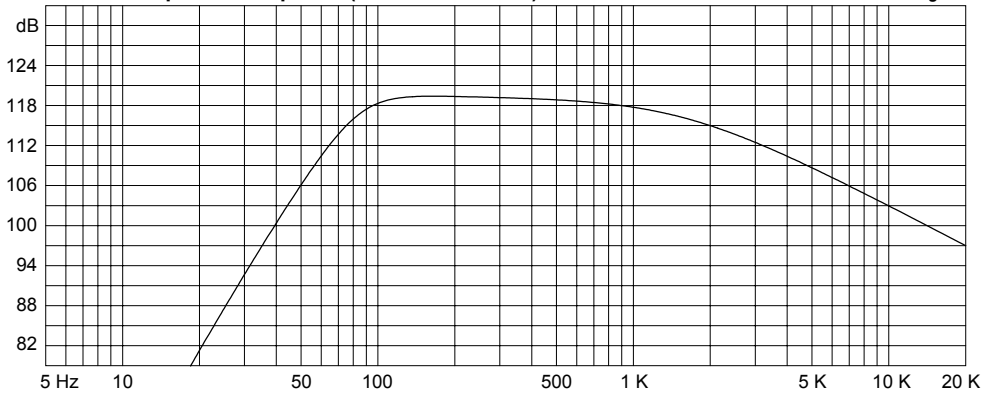
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



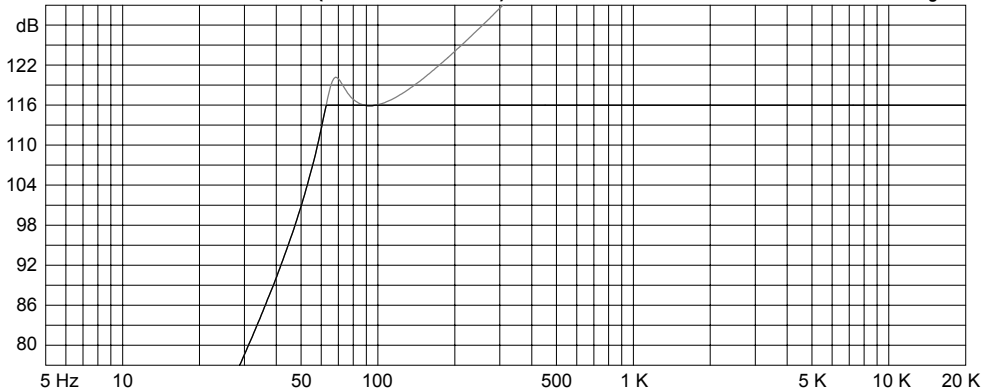
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 150 watts

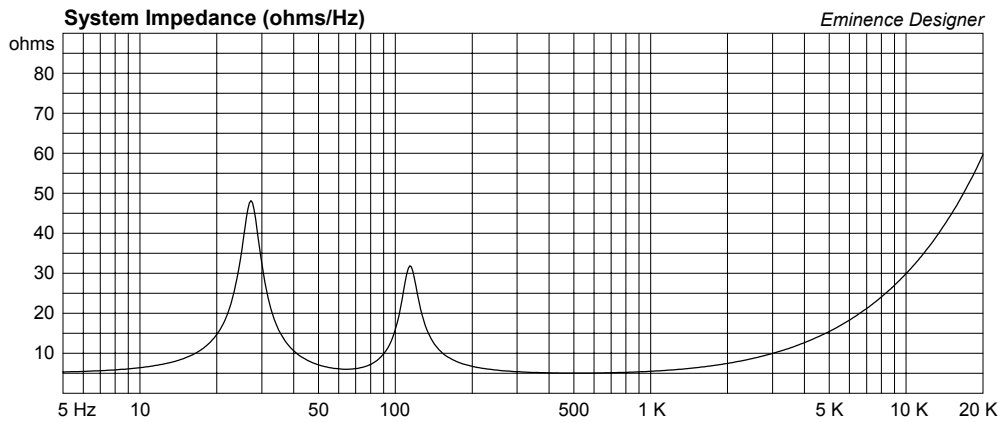
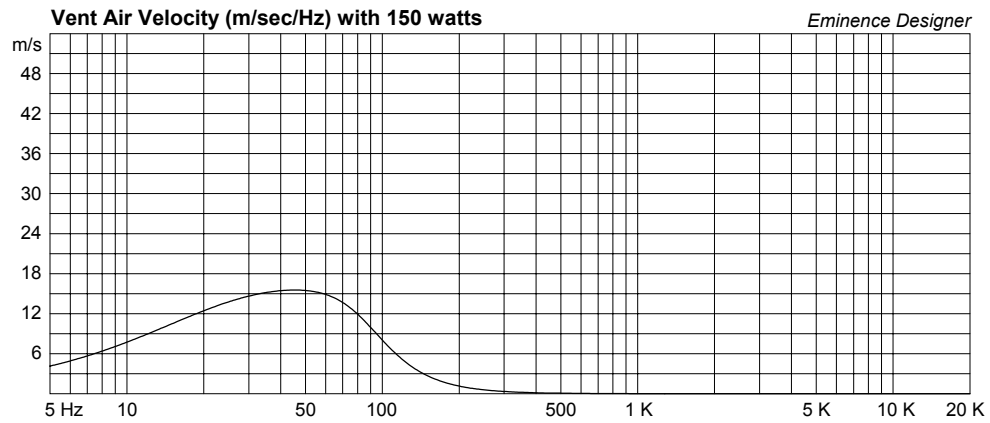
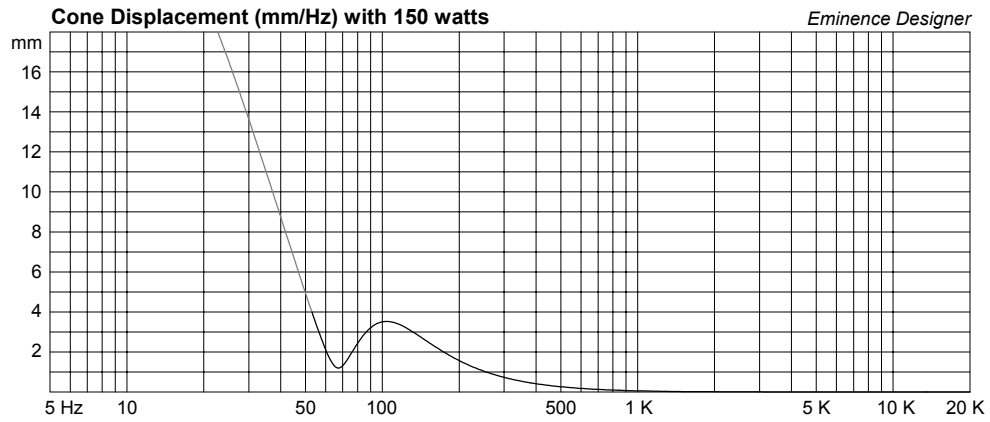
Eminence Designer



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

Eminence Designer





BassLite S2010 Med Vented. 1x10" Bass Guitar Cab

By Jerry McNutt, Eminence Speaker LLC
Displacement Limited to 140 Watts; F3 of 68 Hz.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 0.9 cu.ft

V(total) = 1.063 cu.ft

Fb = 60 Hz

QL = 7

F3 = 67.93 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 8.663 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 46.15 Hz

Qms = 4.16

Vas = 63.42 liters

Xmax = 4 mm

Sd = 350.1 sq.cm

Qes = 0.34

Re = 5.02 ohms

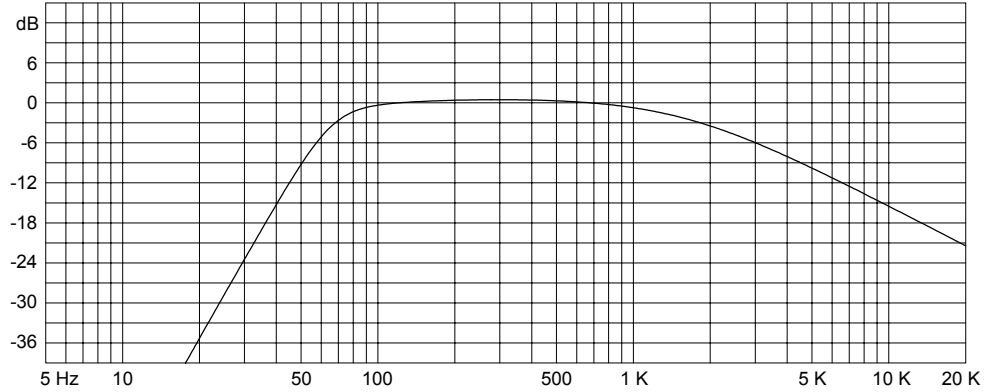
Le = 0.47 mH

Z = 8 ohms

Pe = 150 watts

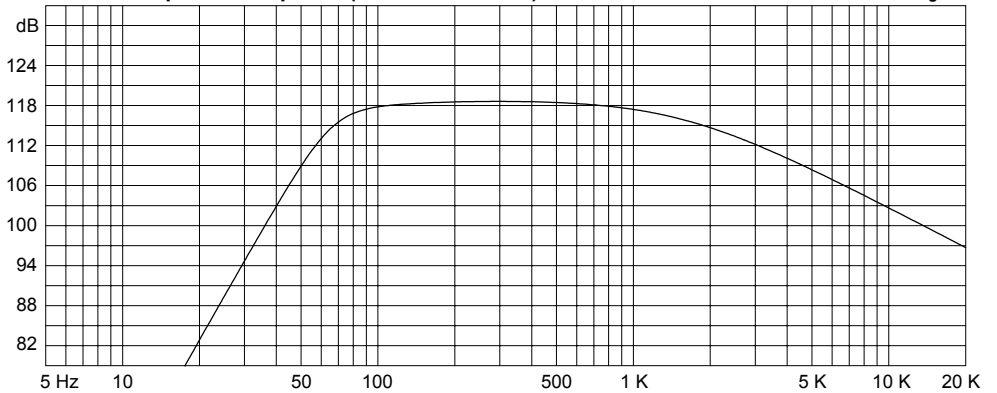
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



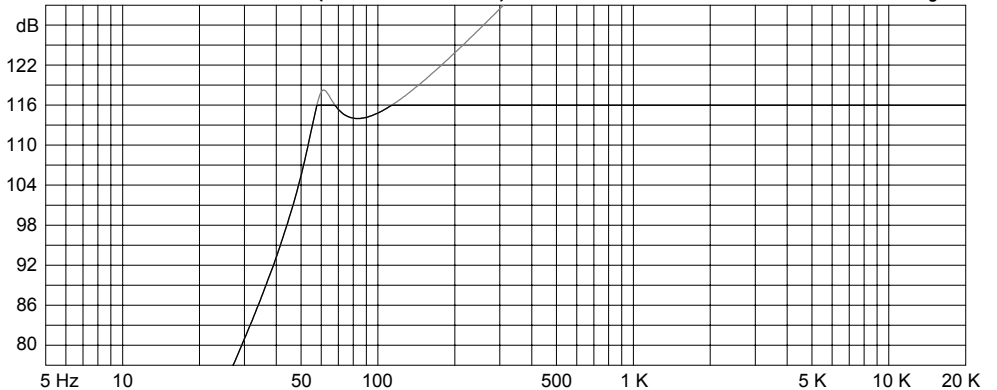
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 140 watts

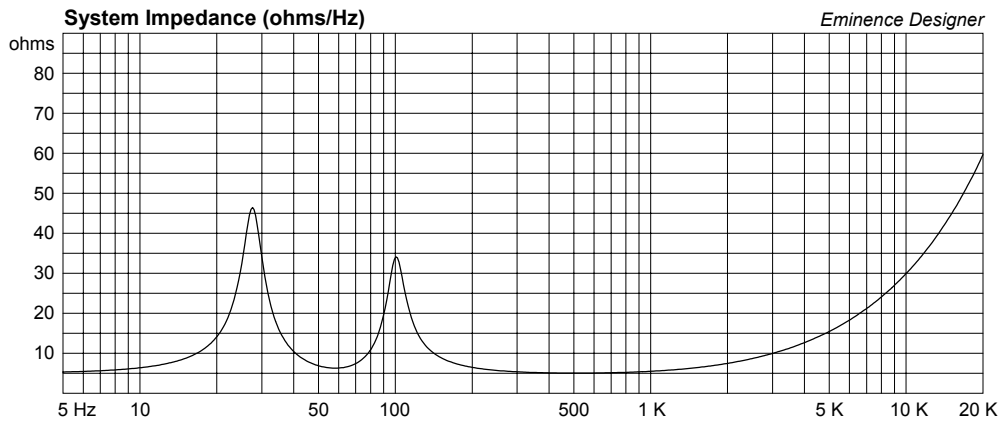
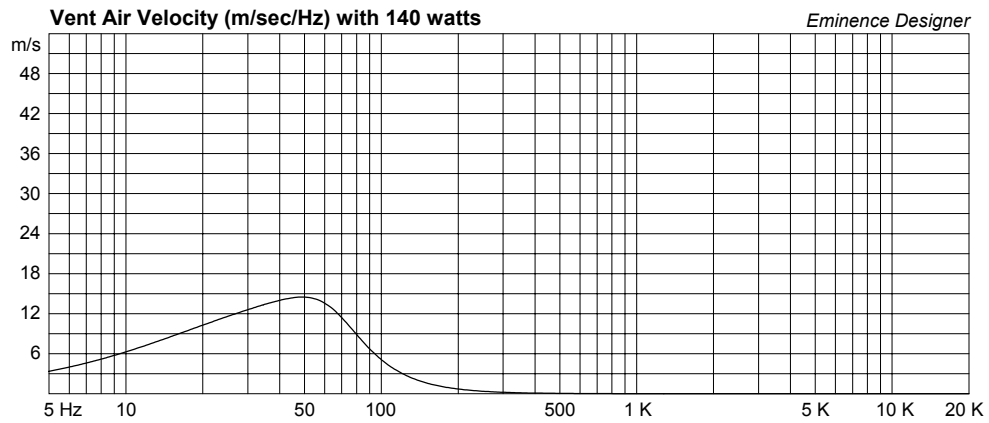
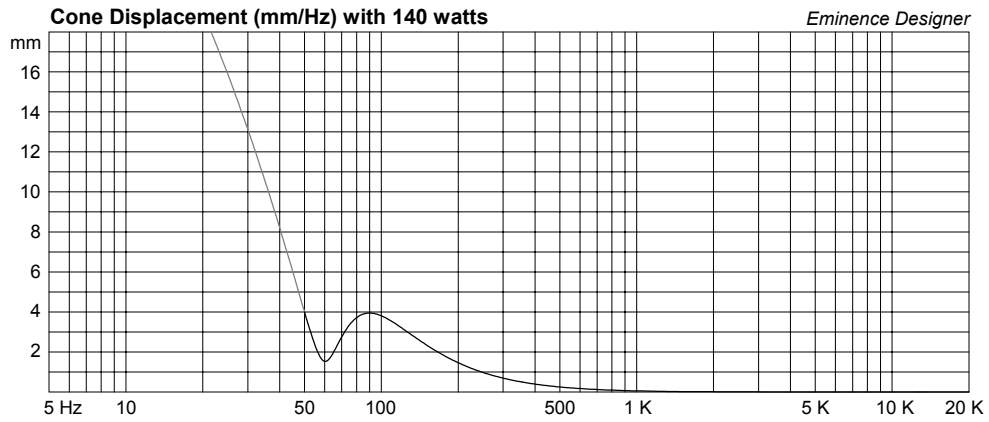
Eminence Designer



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

Eminence Designer





BassLite S2010, Larger Vented 1x10" Bass Guitar Cab

By Jerry McNutt, Eminence Speaker LLC
Displacement Limited to 100 Watts; F3 of 54 Hz.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 1.593 cu.ft

V(total) = 1.701 cu.ft

Fb = 55 Hz

QL = 7

F3 = 54.32 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 3.308 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 46.15 Hz

Qms = 4.16

Vas = 63.42 liters

Xmax = 4 mm

Sd = 350.1 sq.cm

Qes = 0.34

Re = 5.02 ohms

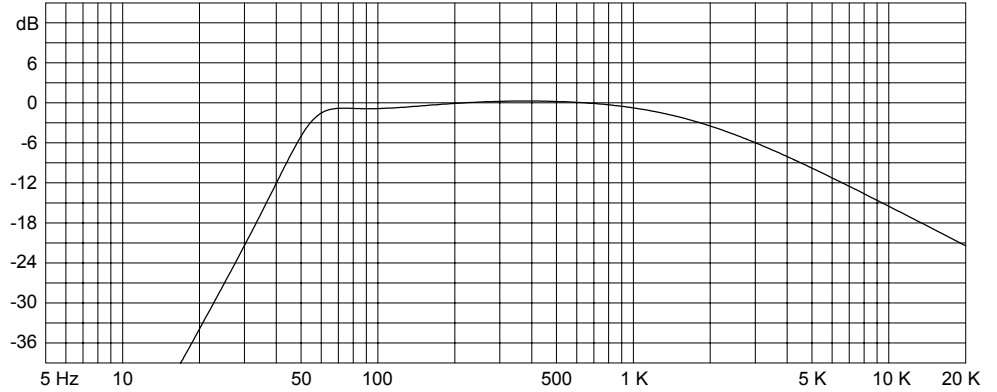
Le = 0.47 mH

Z = 8 ohms

Pe = 150 watts

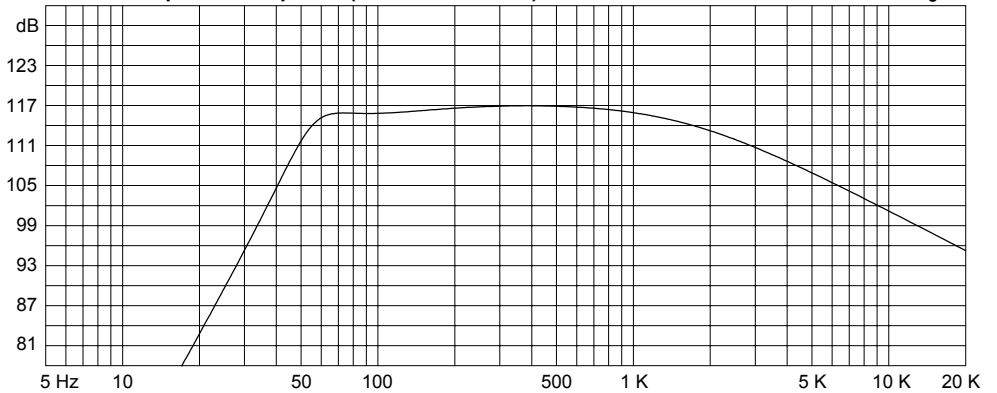
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



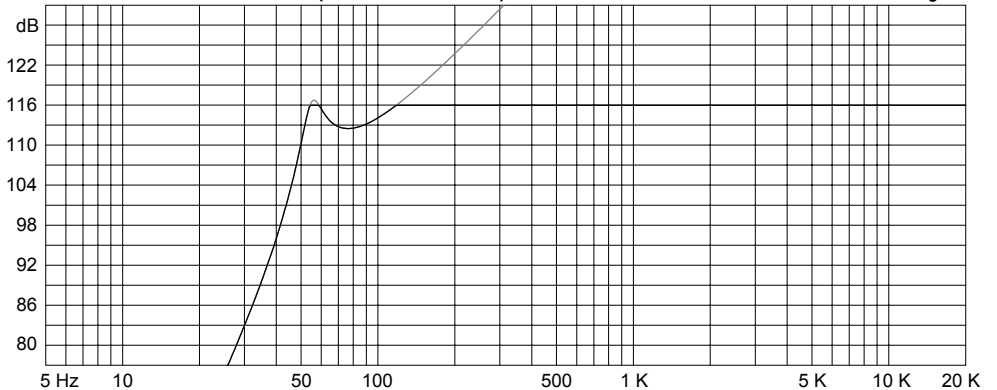
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 100 watts

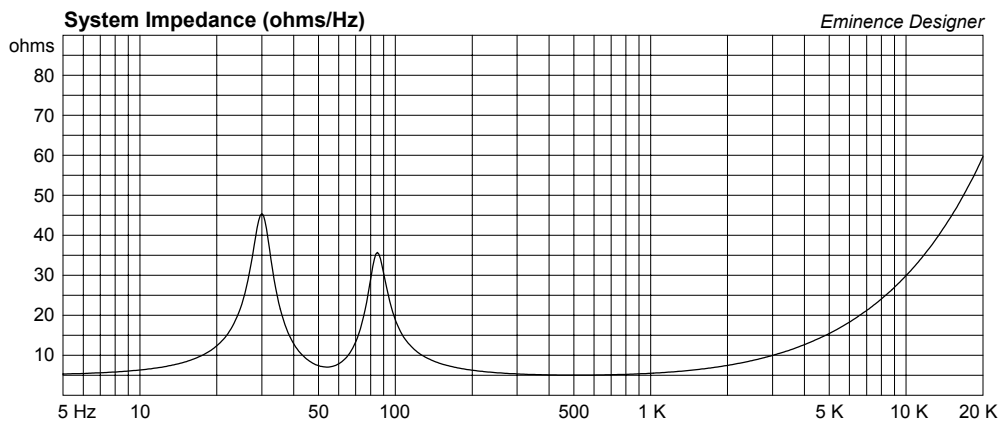
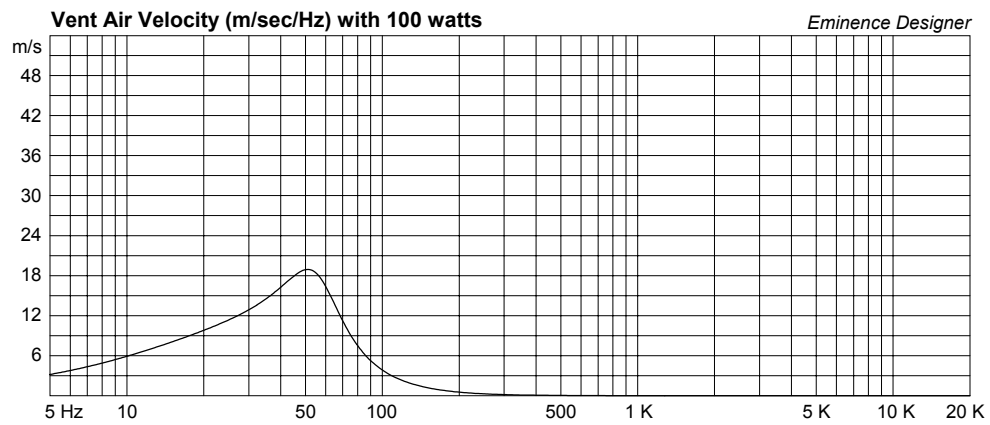
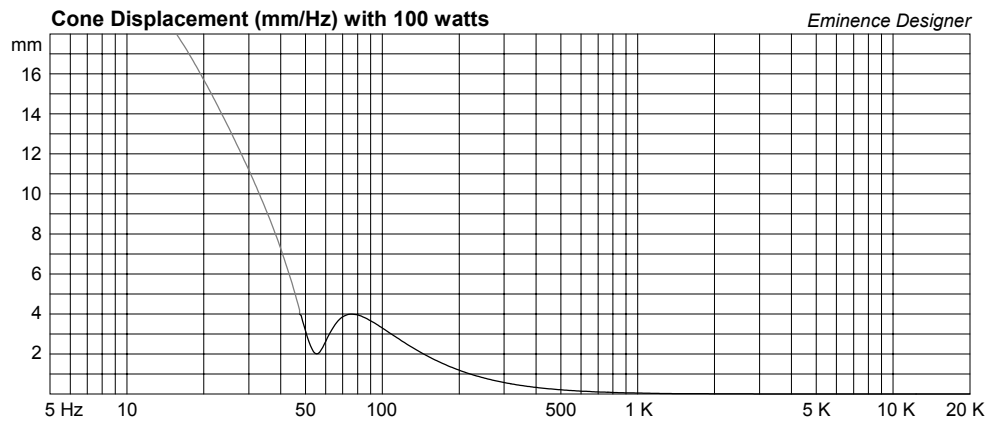
Eminence Designer



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

Eminence Designer





BassLite S2010, Larger 4x10 Bass Guitar Cabinet

By Jerry McNutt, Eminence Speaker LLC

Displacement Limited to 400 Watts; F3 58 Hz. Slot Port.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 5.4 cu.ft

V(total) = 6.279 cu.ft

Fb = 57 Hz

QL = 7

F3 = 57.61 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 5 in

Wv = 22.5 in

Lv = 9.745 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 = 46.15 Hz

Qms = 4.16

Vas = 63.42 liters [253.7]

Xmax = 4 mm

Sd = 350.1 sq.cm [1400]

Qes = 0.34

Re = 5.02 ohms [5.02]

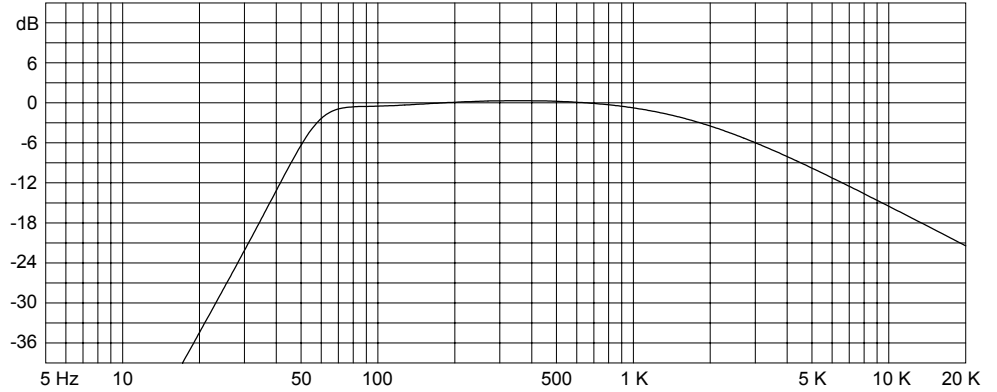
Le = 0.47 mH [0.47]

Z = 8 ohms [8]

Pe = 150 watts [600]

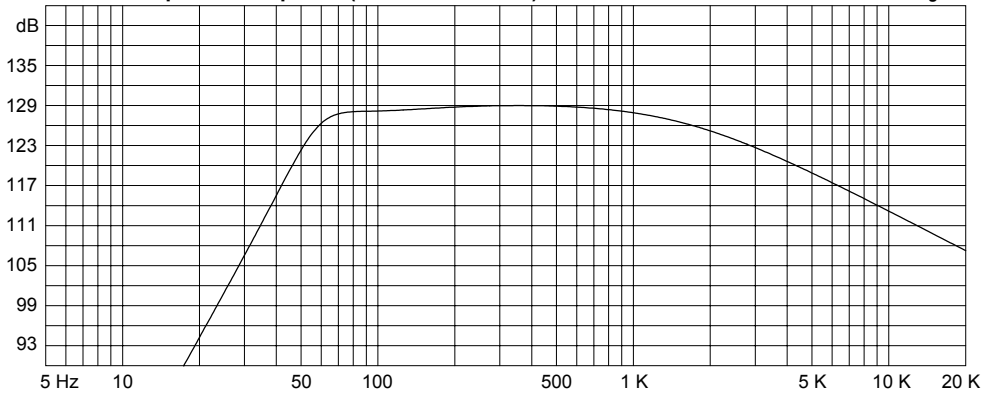
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



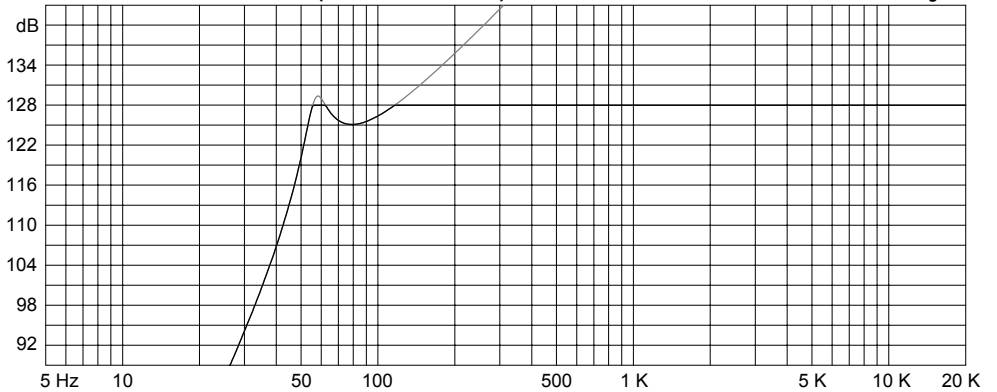
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 400 watts

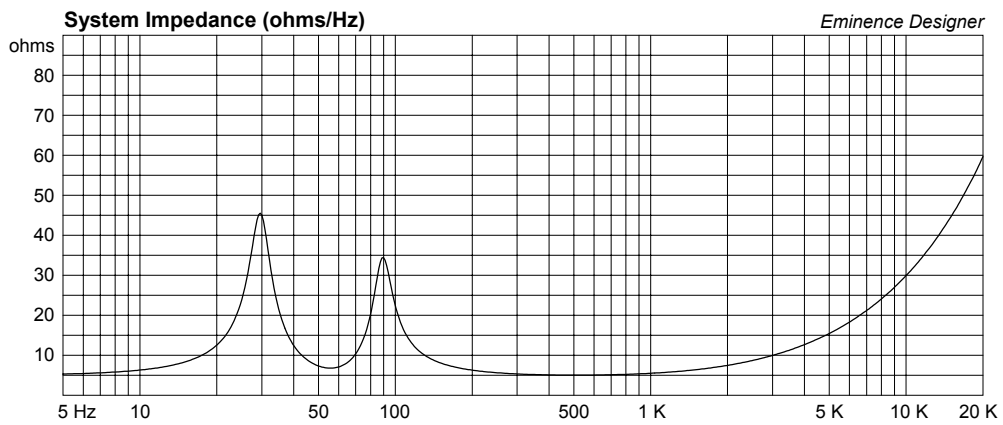
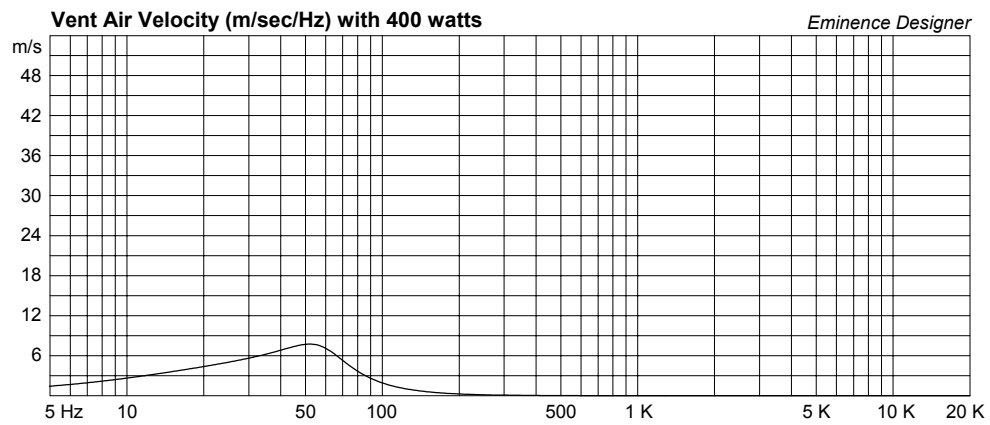
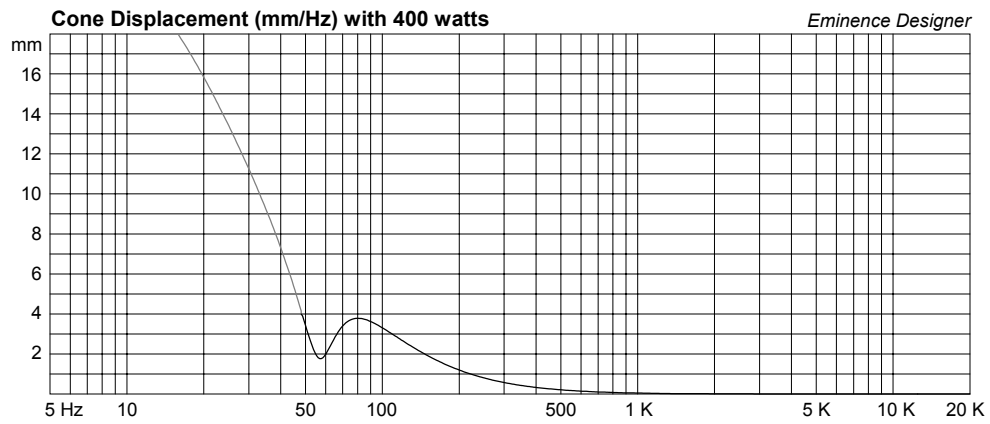
Eminence Designer



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

Eminence Designer





BassLite S2010 Hi Pwr 4 X 10 Bass Guitar Cabinet

By Jerry McNutt, Eminence Speaker LLC
Thermal Limit of 600 Watts; F3 of 72 Hz Slot Port

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 3.043 cu.ft

V(total) = 3.446 cu.ft

Fb = 65 Hz

QL = 7

F3 = 72.35 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 2 in

Wv = 22.5 in

Lv = 5.673 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 = 46.15 Hz

Qms = 4.16

Vas = 63.42 liters [253.7]

Xmax = 4 mm

Sd = 350.1 sq.cm [1400]

Qes = 0.34

Re = 5.02 ohms [5.02]

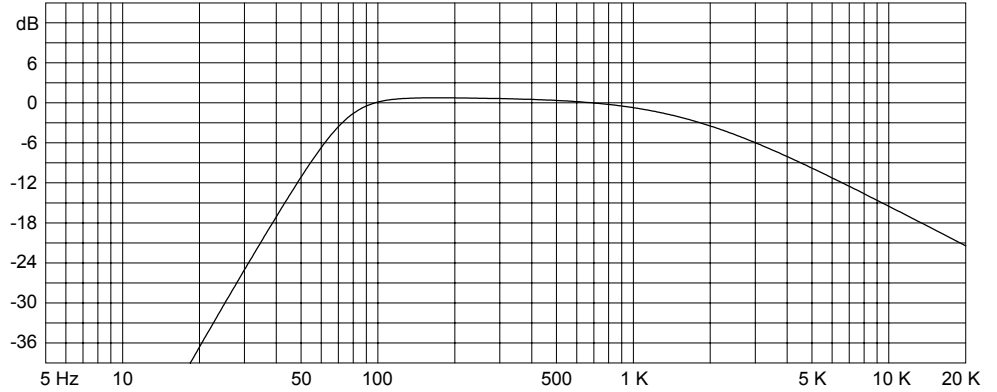
Le = 0.47 mH [0.47]

Z = 8 ohms [8]

Pe = 150 watts [600]

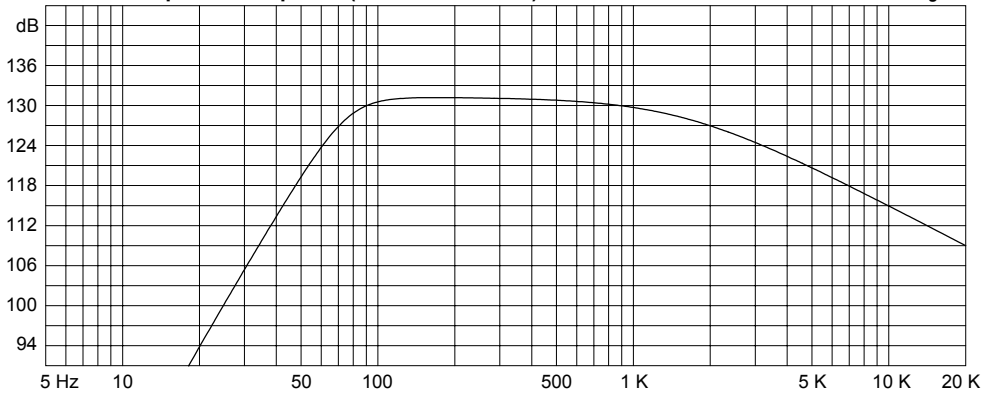
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



Custom Amplitude Response (dB-SPL/Hz at 1 m) with 600 watts

Eminence Designer



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

Eminence Designer

