

PRO-5MRN-8 Small Sealed Mid/Tweet Cab

By Jerry McNutt, Eminence Speaker LLC
Limit to 60 Watts. Use above 500 Hz.
Use a steep high pass filter at 500 Hz or higher.



Box Properties

--Description--

Name:
Type: Closed Box
Shape: Prism, square
--Box Parameters--
Vb = 0.0405 cu.ft
V(total) = 0.048 cu.ft
Qtc = 0.8
QL = 20
F3 = 261.7 Hz
Fill = normal

Driver Properties

--Description--

Name: PRO-5MRN-8
Type: Standard one-way driver
Company: Eminence Speaker USA
Comment: Pro 5" mid/tweet

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

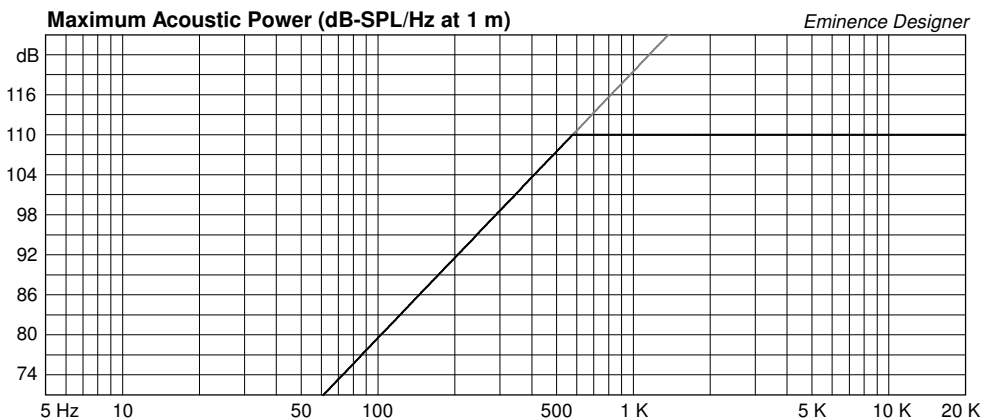
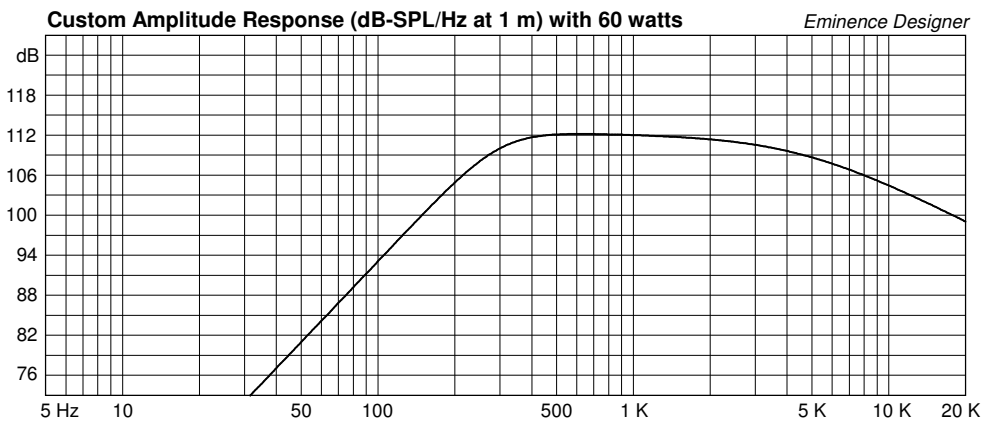
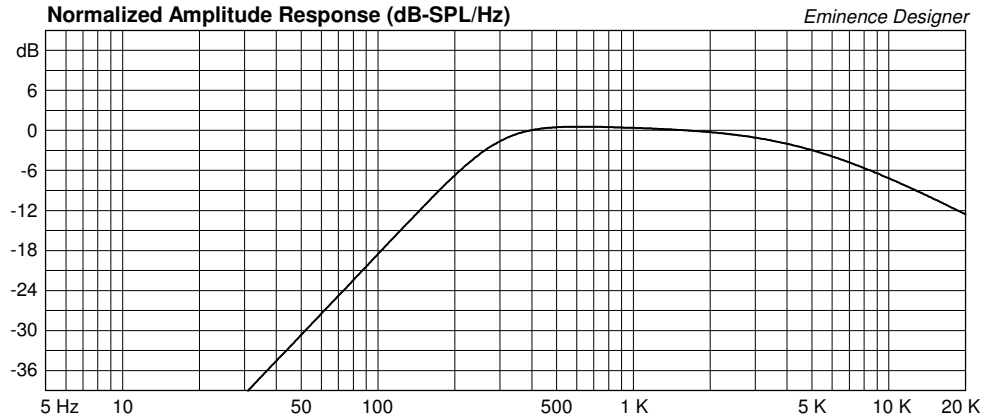
Fs = 222.7 Hz
Qms = 2.8
Vas = 0.85 liters
Cms = 0.12 mm/N
Mms = 4.18 g
Rms = 2.09 kg/s
Xmax = 0.51 mm
Xmech = 3.1 mm
P-Dia = 94.83 mm
Sd = 71.3 sq.cm
P-Vd = 0.0036 liters

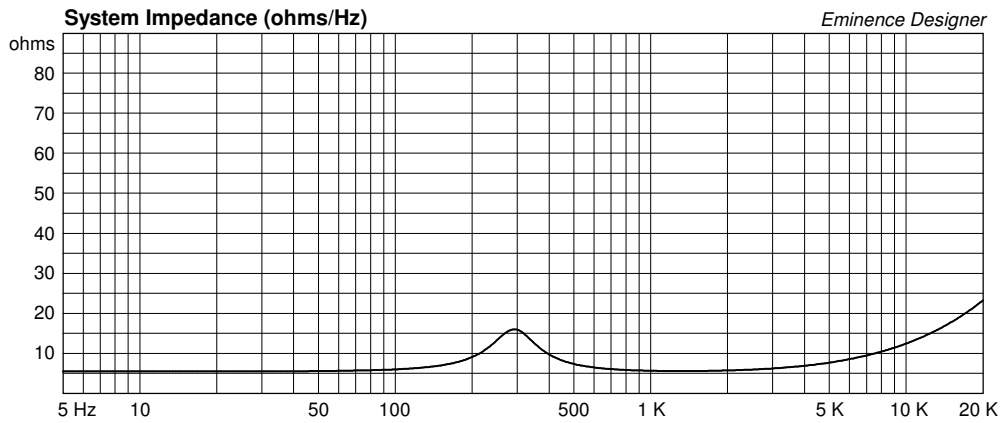
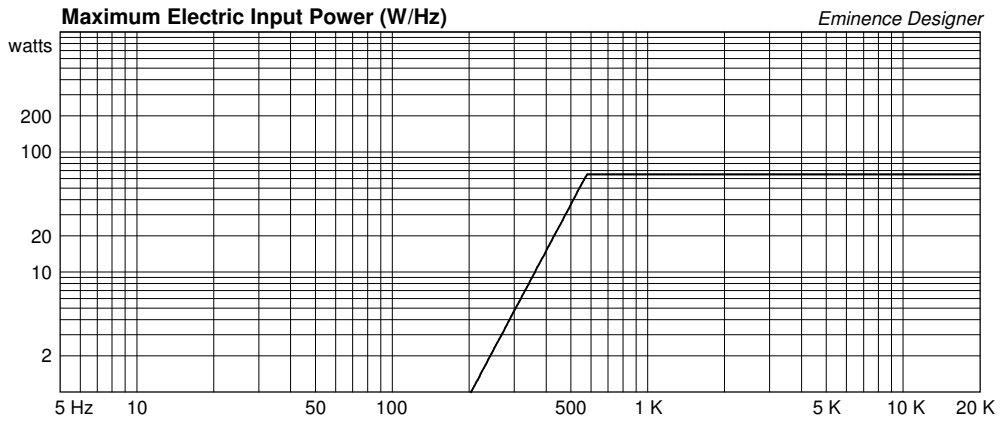
--Electrical Parameters--

Qes = 0.93
Re = 5.45 ohms
Le = 0.18 mH
Z = 8 ohms
BL = 5.84 Tm
Pe = 65 watts

--Electromech. Parameters--

Qts = 0.7
no = 0.974 %
1-W SPL = 92.03 dB
2.83-V SPL = 93.7 dB





PRO-5MRN-8 Max Sealed Mid/Tweet Cab

By Jerry McNutt, Eminence Speaker LLC
Limit to 20 Watts. Use above 330 Hz.
Use a steep high pass filter at 330 Hz or higher.



Box Properties

--Description--

Name:
Type: Closed Box
Shape: Prism, square (optimum)

--Box Parameters--

Vb = 0.0469 cu.ft
V(total) = 0.0544 cu.ft
Qtc = 0.78
QL = 20
F3 = 259.1 Hz
Fill = normal

Driver Properties

--Description--

Name: PRO-5MRN-8
Type: Standard one-way driver
Company: Eminence Speaker USA
Comment: Pro 5" mid/tweet

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 222.7 Hz
Qms = 2.8
Vas = 0.85 liters
Cms = 0.12 mm/N
Mms = 4.18 g
Rms = 2.09 kg/s
Xmax = 0.51 mm
Xmech = 3.1 mm
P-Dia = 94.83 mm
Sd = 71.3 sq.cm
P-Vd = 0.0036 liters

--Electrical Parameters--

Qes = 0.93
Re = 5.45 ohms
Le = 0.18 mH
Z = 8 ohms
BL = 5.84 Tm
Pe = 65 watts

--Electromech. Parameters--

Qts = 0.7
no = 0.974 %
1-W SPL = 92.03 dB
2.83-V SPL = 93.7 dB

