

Specifications and Recommendations:

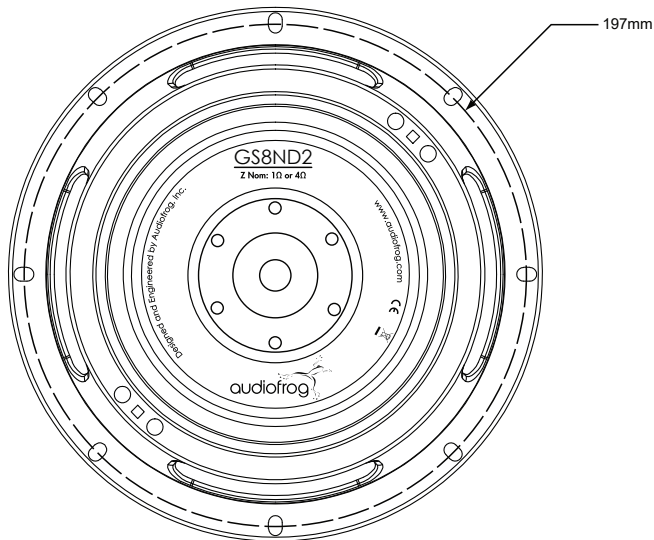
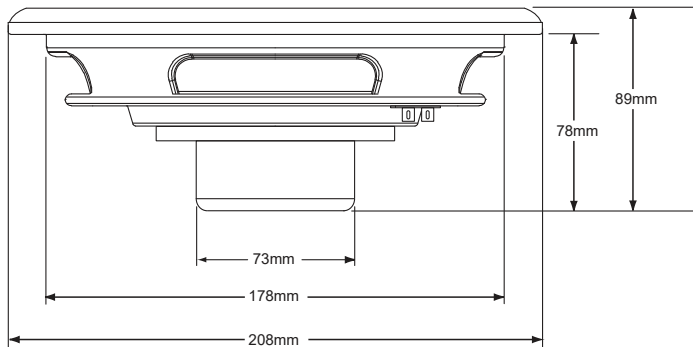


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Recommendations • Recommendations • Recomendaciones • Empfehlung • Рекомендация • Recomendação • Raccomandazione • Suositus • Aanbeveling • Rekomendation • Anbefaling • Tavsiye • Rekomendacja • Rekomendasi • 推荐

Dimensions:



Thiele and Small Parameters:

Revc	1 or 4 Ω
Levc@1kHz	0.18 mH
Sd	216.4 (33.54) cm ² (in ²)
Mmd	111.3 g
Mms	113.2 g
Cms	122.8 uM/N
Vas	8.1 (0.286) l (ft ³)
Fs	42.7 Hz
BL	6.72 TM
Qms	5.186
Qes	0.606
Qts	0.542

Mechanical Parameters:

Cone Diameter	166 (6.54) mm (in)
Voice Coil Diameter	51 (2) mm (in)
Voice Coil Height	28 (1.1) mm (in)
Gap Height	8 (0.31) mm (in)
Xmax (1-Way Linear)	10 (.39) mm (in)
Basket Displacement	0.47 (0.017) l (ft ³)

Applications:

Subwoofer:

Sealed	7-11 (0.25-0.4) l (ft ³)
Vented	15-21 (0.5-0.75) l (ft ³)

Infinite Baffle

Note: High pass filter recommended for vented and infinite baffle applications. See designs on next page for details.

Midbass:

Sealed	7-11 (0.25-0.4) l (ft ³)
Infinite Baffle	

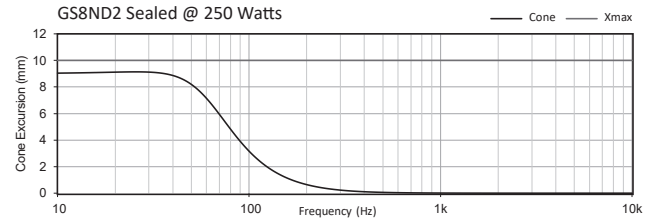
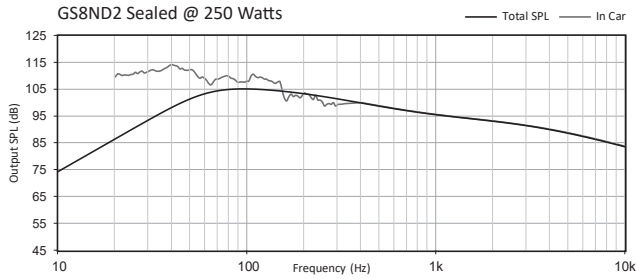
Note: High pass filter recommended for vented and infinite baffle applications. See designs on next page for details.

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Recommended Sealed Enclosure:

Enclosure Volume (Net): 7.1 liters (0.25 cubic feet)



Recommended Vented Enclosure:

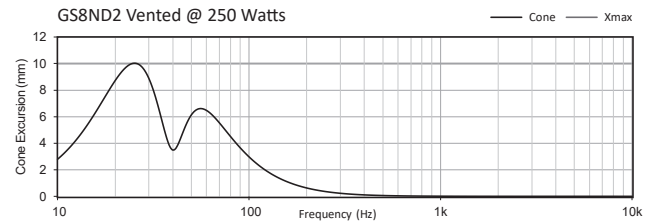
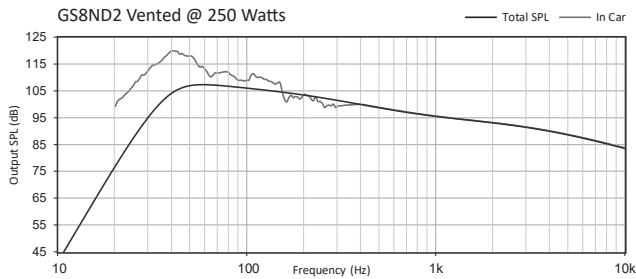
Enclosure Volume (Net): 14.2 liters (0.50 cubic feet)

Enclosure Tuning Frequency: 40 Hz

Port Diameter: 50.8 mm (2")

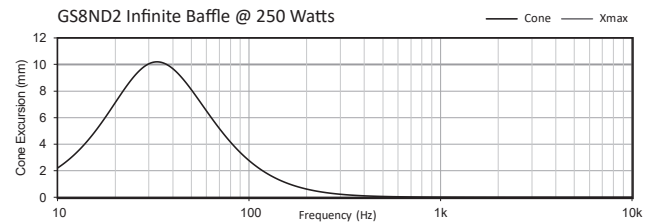
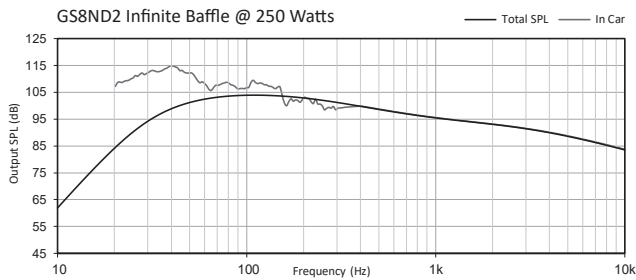
Port Length: 225 mm (8-7/8")

Audiofrog recommends round ports with flared ends



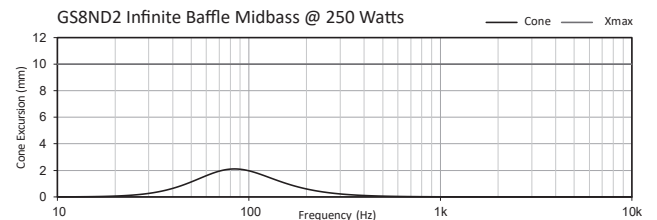
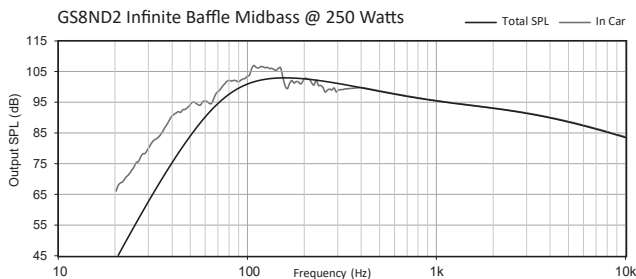
26Hz 12dB/oct Butterworth high pass filter recommended to maintain excursion below Xmax at RMS power limit.

Infinite Baffle Subwoofer Application:



29Hz 12dB/oct Butterworth high pass filter recommended to maintain excursion below Xmax at RMS power limit.

Infinite Baffle Midbass Application:



SPL and excursion graphs shown here include 80Hz 24dB/oct Linkwitz-Riley high pass filter