

PL 4½" Midwoofer



Type Number: PL11WH09-04

Features:

The PL series is designed for the discerning audiophile customer. To meet the needs of this audience, several new technologies were developed with the goal of lowering distortion and damping in the speaker. The coated paper cone reduces vibration and standing waves, and the vented motor system minimizes power compression. The combined result is a very open and dynamic sound.

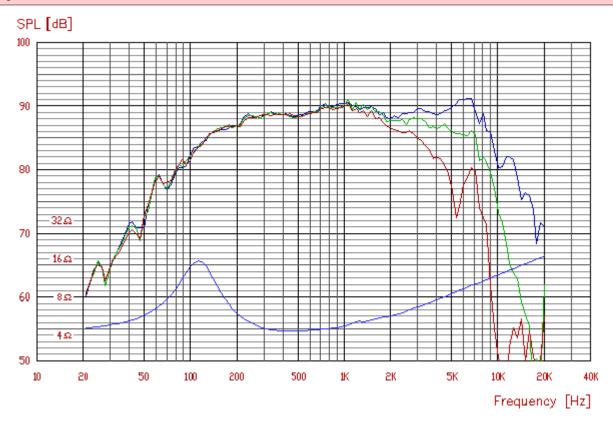
Driver Highlights: Magnesium Chassis, NRSC cone, NR rubber surround



Specs:

Electrical Data				Power handling		
Nominal impedance	Zn	4	ohm	100h RMS noise test (IEC)		W
Minimum impedance	Zmin		ohm	Long-term Max System Power	80	W
Maximum impedance	Zo	15	ohm	(IEC)		
DC resistance	Re	3	ohm	Max linear SPL (rms) @ power		dB/W
Voice coil inductance	Le	0.31	mH	Short Term Max power	140	W
T-S Parameters				Voice Coil and Magnet Parameters		
Resonance Frequency	fs	67	Hz	Voice coil diameter	25	mm
Mechanical Q factor	Qms	1.8		Voice coil height	10	mm
Electrical Q factor	Qes	0.36		Voice coil layers		
Total Q factor	Qts	0.3		Height of the gap	4	mm
Ratio fs/Qts	F			Linear excursion +/-		mm
Force factor	ВІ	4.7	Tm	Max mech. excursion +/-		mm
Mechanical resistance	Rms	1.5	Kg/s	Flux density of gap		mWb
Moving mass	Mms	6.4	g	Total useful flux		mWb
Suspension compliance	Cms		mm/N	Diameter of magnet		mm
Effective cone diameter	D		cm	Height of magnet		mm
Effective piston area	Sd	58	cm ²	Weight of magnet	0.415	Kg
Equivalent volume	Vas	4.25	Itrs	3 1 1 13 11		
·	Vuo	89	dB			
Sensitivity			GD.			
Ratio BL/√(Re)						

Frequency:



Mechanical Dimensions:

