

**PL
8" Woofer**



Type Number: PL22WR09-08

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

Nominal impedance	Zn	8	ohm
Minimum impedance	Zmin	--	ohm
Maximum impedance	Zo	85	ohm
DC resistance	Re	5.9	ohm
Voice coil inductance	Le	2.7	mH

T-S Parameters

Resonance Frequency	fs	27	Hz
Mechanical Q factor	Qms	5.65	
Electrical Q factor	Qes	0.37	
Total Q factor	Qts	0.34	
Ratio fs/Qts	F	--	
Force factor	Bl	10.9	Tm
Mechanical resistance	Rms	1.39	Kg/s
Moving mass	Mms	43	g
Suspension compliance	Cms	--	mm/N
Effective cone diameter	D	--	cm
Effective piston area	Sd	224	cm ²
Equivalent volume	Vas	56	ltrs
Sensitivity		85.5	dB
Ratio BL/√(Re)		--	

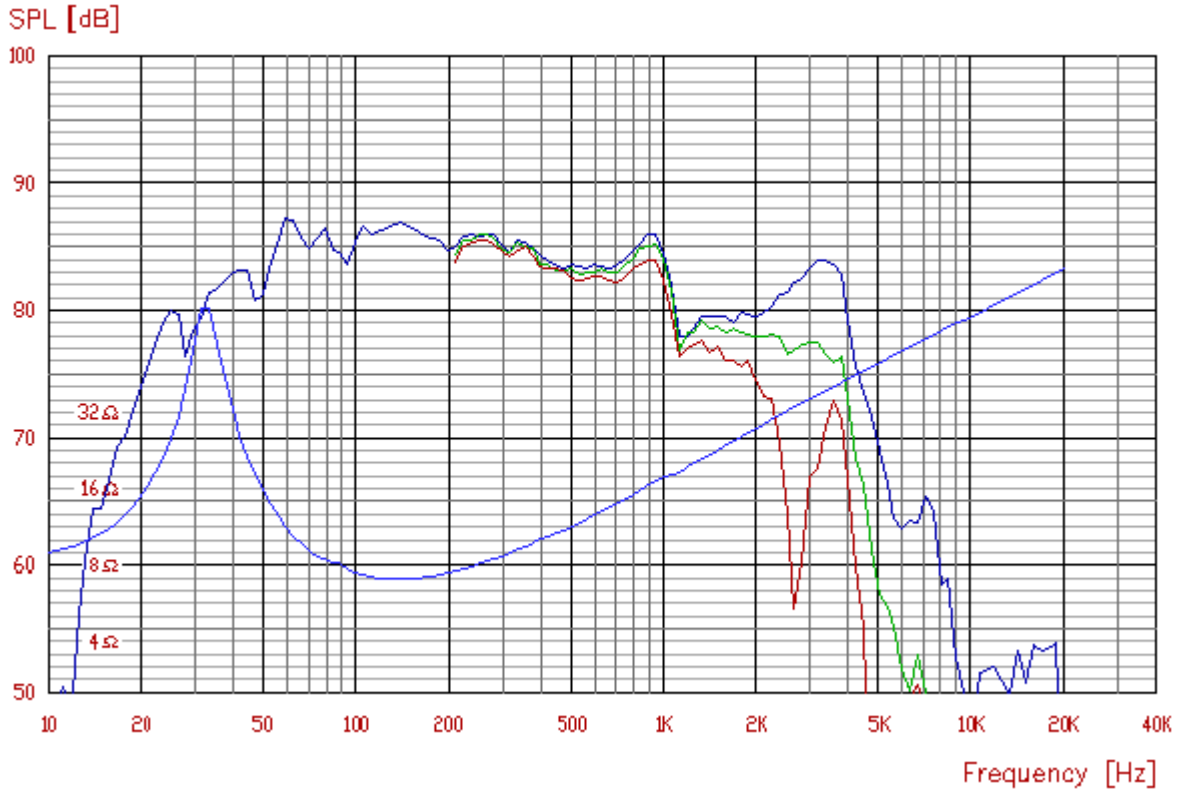
Power handling

100h RMS noise test (IEC)	--	W
Long-term Max System Power (IEC)	350	W
Max linear SPL (rms) @ power	--	dB/W
Short Term Max power	600	W

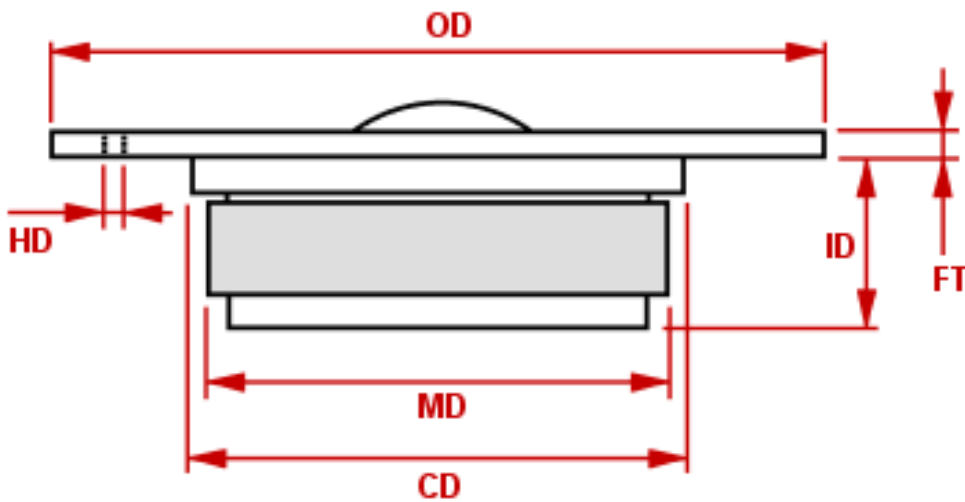
Voice Coil and Magnet Parameters

Voice coil diameter	50	mm
Voice coil height	16	mm
Voice coil layers	--	
Height of the gap	8	mm
Linear excursion +/-	--	mm
Max mech. excursion +/-	--	mm
Flux density of gap	--	mWb
Total useful flux	--	mWb
Diameter of magnet	--	mm
Height of magnet	--	mm
Weight of magnet	1.05	Kg

Frequency:



Mechanical Dimensions:



Drawing Dimensions

Outside Diameter	OD	225	mm
Flange Thickness	FT	5	mm
Magnet Diameter	MD	--	mm
Cutout Diameter	CD	186	mm
Interior Depth	ID	--	mm
Hole Diameter	HD	--	mm
Screw Circle Diameter	SD	--	mm