Jensen® Loudspeakers

12"- 75W Jet Series Guitar Loudspeaker

Nighthawk 12 - 8Ω / 16Ω

SKU: P-A-C12-75NH

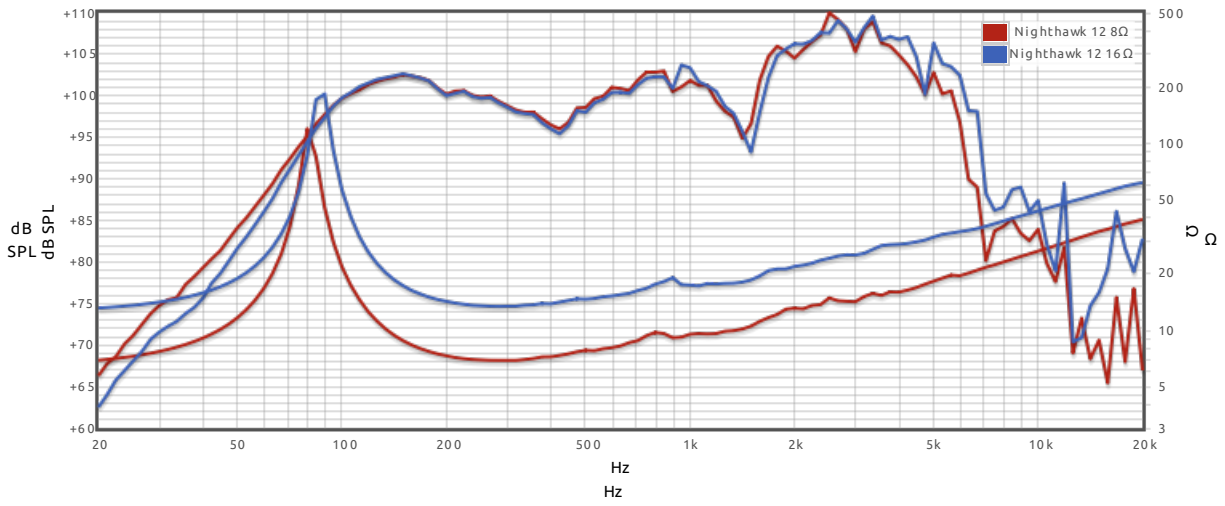
GENERAL CHARACTERISTICS		
Nominal Overall Diameter	307 mm.	12 in.
Nominal Voice Coil Diameter	44 mm.	1.73 in.
Magnet Weight	1450 g	51.00 oz
Overall Weight		9.37 lbs
Flux Density		1.29 T

THIELE-SMALL PARAMETERS		8Ω	16Ω	
Voice Coil DC Resistance	R_E	6.06	12.04	Ω
Resonance Frequency	f_S	83.0	88.4	Hz
Mechanical Q Factor	Q_{MS}	13.20	13.18	
Electrical Q Factor	Q_{ES}	0.59		
Total Q Factor	Q_{TS}	0.64	0.72	
Mechanical Moving Mass	M_{MS}	29.7	27.6	g
Mechanical Compliance	C_{MS}	124	118	µm/N
Force Factor	BxL	11.79	15.57	Wb/m
Equivalent Acoustic Volume	V_{AS}	42.4	40.0	lt.
Maximum Linear Displacement	X_{MAX}	± 1.00	mm	
Reference Efficiency	n_O	3.42	%	
Diaphragm Area	S_D	490.9	490.9	cm^2
Losses Electrical Resistance	R_{ES}	159.7	Ω	
Voice Coil Inductance @ 1kHz	L_E	0.62	0.81	mH

CONSTRUCTIVE CHARACTERISTICS	
Magnet	Ferrite
Voice Coil Winding	Aluminum
Voice Coil Former	Fiberglass
Cone Material	Paper
Surround Material	Integrated Paper
Dust Dome Material	Non-treated Cloth
Basket Material	Pressed Sheet Steel

ELECTRICAL CHARACTERISTICS	8Ω	16Ω	
Nominal Impedance	8	16	Ω
Rated Power	75	75	W
Musical Power	150	150	W
Sensitivity@1W,1m	98.8	98.9	dB

Frequency Response on IEC Baffle (DIN 45575) @ 1 W, 1 m - Free Air Impedance



Due to continuing product improvement, the features and the design are subject to change without notice.