



**model: PL-12 (12")**  
**Professional-Audio midle bass speaker**

[www.bsacoustic.com](http://www.bsacoustic.com)

PARAMETERS		
Nominal impedance		8 Ohm
Rated power		300 W
Musical power		600 W
Sensitivity @ 1W , 1m		98 dB
Frequency range		50 - 4500 Hz
Voice Coil DC Resistance	$R_E$	6,3 Ohm
Resonance Frequency	$F_S$	39,6 Hz
Mechanical Q Factor	$Q_{MS}$	11,32
Elektrical Q Factor	$Q_{ES}$	0,55
Total Q Factor	$Q_{TS}$	0,53
Mechanical Moving Mass	$M_{MS}$	33,5 g
Equivalent Acoustic Volume	$V_{AS}$	129,821 L
Maximum Linear Displacement	$X_{MAX}$	1,1 mm
Reference Efficiency	$E_{FF}$	2,91 %
Diaphragm Area	$S_D$	507 cm <sup>2</sup>
Voice Coil Inductance @ 1kHz	$L_E$	0,58 mH
Total Weight		3,5 Kg

