

SUB WOOFER

SPL Show

SX 250D 2400W



Technical Specifications

Component	SPL Dual Coil Subwoofer	
Size	mm	250 (10")
Power Handling	W peak	2400
	W continuous	600
Impedance	Ω	2 + 2
Frequency response	Hz	34 ÷ 800
Sensitivity	dB/SPL	90.5
Outer \varnothing	mm	269
Mounting \varnothing	mm	232
Total depth	mm	187
Mount. depth	mm	160
Total driver displacement	l	2
Magnet size	mm	180
Weight of one speaker	kg	11,6
Voice coil \varnothing	mm	65
Magnet	Triple magnet, High density flux ferrite	
Cone	Pressed Paper Cone	
X-mech*	mm	23

*X-mech maximum mechanical excursion: it indicates the motion range in the speaker linear functioning area, in both ways.

1. High thermal dissipation and magnetic permeability plates; provide constant, even flux.
2. Large triple magnet, for perfect control under high power, very high excursion conditions for high SPL performance.
3. Aluminium voice coil wound on four-layer former; for unheard-of thermal capability.
4. Back plate venting holes, for optimal thermal dissipation.
5. Back Vented Spider Support; for perfect symmetry under high excursion while providing increased thermal dissipation.
6. High current, tin-plated terminals.
7. Tinsel lead wires are integrated in the spider; for maximum reliability and conductivity.
8. Double Symmetrical Spider System, for unprecedented control.
9. Wide-wave, resin-bonded fibre spider; for consistent parameters and reliability.
10. High density foam surround; for linear movement, even under extreme excursion.
11. Water-repellent, pressed paper cone.

Electro-Acoustic Parameters *

D	mm	210
Xmax	mm	14
Re	Ω	4,0
Fs	Hz	51
Le	mH@1kHz	3,09
Le	mH@10kHz	1,17
Vas	l	11,00
Mms	g	147
Cms	mm/N	0,06
BL	T-m	20,81
Qts		0,42
Qes		0,44
Qms		8,00
Spl (1m/2,83V)	dB	90,5

*Coils in series

