

# SUB WOOFER

## SX 250D 2400 W



### Technical Specifications

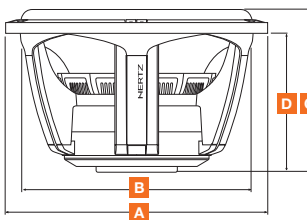
Component	SPL Dual Coil Subwoofer	
Size	mm (in.)	250 (10)
Power handling	W peak	2400
	W continuous	600
Impedance	$\Omega$	2 + 2
Freq. response	Hz	34 ÷ 800
Sensitivity	dB/SPL	90,5
Magnet size	mm	180 x 75 x 45
D-d-h	(in.)	(7 x 3 x 1.8)
Voice coil $\varnothing$	mm (in.)	65 (2.6)
Magnet	Double magnet, High density flux ferrite	
Cone	Pressed paper	
Total driver displacement	l (cu.in.)	2,3 (140)
Weight of one component	kg (lb.)	11,6 (25.6)
X-mech*	mm (in.)	23 (0.9)

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

### Electro-Acoustic Parameters

D	mm	210
Xmax	mm	14
Re*	$\Omega$	4
Fs	Hz	51
Vas	l	11
Mms	g	147
Cms	mm/N	0,06
BL	T•m	20,8
Qts		0,42
Qes		0,44
Qms		8
Spl	dB	90,5

\* Coils in Series



A	269 mm (10.6 in.)
B	232 mm (9.1 in.)
C	187 mm (7.4 in.)
D	160 mm (6.9 in.)

1. High magnetic permeability plates provide constant, even flux.
2. Large double magnet, for perfect control under high power, very high excursion conditions for high SPL performance.
3. Four-layer aluminium voice coil; 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, screw terminals, for large gauge wires.
7. Tinsel lead wires are integrated in the spider; for maximum reliability and conductivity.
8. Double wide-wave, resin-bonded fibre spider; for consistent parameters and reliability.
9. High density foam surround; for linear movement, even under extreme excursion.
10. Water-repellent, pressed paper cone.
11. Aluminium ring within the pole piece reduces impedance modulation at high excursion.

