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SUB energy WOOFER

ES 380.5 1350W

Technical Specifications

Component	Subwoofer	
Size	mm (in.)	380 (15)
Power handling W	peak	1350
	cont. program	450
Impedance	Ω	4
Frequency response	Hz	20 ÷ 200
Sensitivity	dB/SPL	94
Magnet size D x d x h	mm (in.)	140 x 75 x 30 (5.5 x 3 x 1.2)
Total Driver Displacement	l (cu.in)	1,5 (91.5)
Voice Coil Ø	mm (in.)	60 (2.4)
Magnet	High density flux ferrite	
Cone	Water repellent pressed paper	
Weight of one component	kg (lb.)	6 (13.23)
*X-mech	mm (in.)	14,5 (0.57)

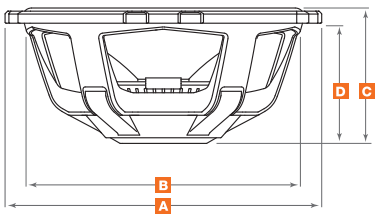
***X-mech,** maximum mechanical excursion: it indicates the motion range in the speaker linear functioning area, in both ways.

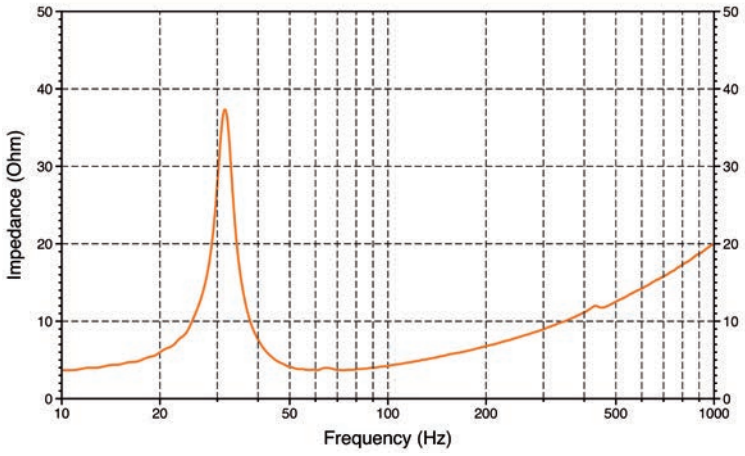
1. V-cone® technology with water-repellent paper membrane, for reduced moving assembly mass and increased sensitivity.
2. Wide-wave spider profile, for high mechanical resistance against impulsive stresses; its resin-bonded fibre ensures consistent electro-acoustic parameters in time.
3. High density foam surround, for extreme mechanical and acoustical linearity, even under high excursion.
4. Copper voice coil wound on aluminium former, combined with the spider support cooling system and bottom plate vent holes, for outstanding thermal capacity in power peaks.
5. Silver plated silicone shielded lead wires ending with tin-plated, high current terminals for high resistance against mechanical stress and low contact resistance.
6. High magnetic permeability plates and large magnet, ensuring a constant and even magnetic flux, for perfect low frequency control.
7. Butyl rubber gasket and magnet protective cover, provide ideal coupling to the mounting surface, damping basket resonances.

Electro-Acoustic Parameters

D	mm	330
Xmax	mm	9
Re	Ω	3,1
Fs	Hz	32
Le	mH	2,64
Vas	l	98,8
Mms	g	234
Cms	mm/N	0,1
BL	T·m	12,7
Qts	-	0,9
Qes	-	0,96
Qms	-	13
Spl	dB	94

A	395 mm	15.55 in.
B	350 mm	13.78 in.
C	167 mm	6.57 in.
D	151 mm	5.94 in.





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