

SUB WOOFER

ES F25.5 900W



ULTRA flat
VERIFIED WITH
KLIPPEL

Technical Specifications

Component	Subwoofer	
Size	mm (in.)	250 (10)
Power handling W	peak	900
	cont. program	300
Impedance	Ω	4
Frequency response	Hz	30 ÷ 300
Sensitivity	dB/SPL	92
Magnet size D x d x h	mm (in.)	140 x 70 x 20 (5.5 x 2.8 x 0.8)
	l (cu.in)	0,7 (42.7)
Total Driver Displacement		
Voice Coil \varnothing	mm (in.)	60 (2.4)
Magnet	High density flux ferrite	
Cone	Water repellent pressed paper	
Weight of one component	kg (lb.)	3,3 (7.26)
*X-mech	mm (in.)	13 (0.51)

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

1. Ultra Flat design, for maximum installation flexibility.
2. Massive motor assembly, for perfect control under high power, high excursion conditions.
3. Water-repellent pressed paper cone.
4. Copper voice coil, wound on aluminium former, for startling thermal and mechanical capacity.
5. Air decompression system based on ducts under the dust-cap, for perfect symmetry under high excursion and enhanced thermal dissipation.
6. Wide-wave, resin-bonded fiber spider for mechanical reliability and consistent parameters.
7. High current, tin-plated terminals.
8. Silver plated lead wires for maximum reliability and conductivity.
9. Basket and motor coupled and damped through special epoxy glue.
10. High thermal dissipation and magnetic permeability plates, providing constant, even flux.

Electro-Acoustic Parameters

D	mm	215
Xmax	mm	6
Re	Ω	2,9
Fs	Hz	39
Le	mH	1,58
Vas	l	40,2
Mms	g	82
Cms	mm/N	0,2
BL	T·m	10,8
Qts	-	0,44
Qes	-	0,49
Qms	-	4,71
Spl	dB	92

A	256 mm	10.07 in.
B	230 mm	9.05 in.
C	94 mm	3.7 in.
D	85 mm	3.34 in.

