

CREATIVE SOUND SOLUTIONS EL-166 MID-BASS

The CSS EL166 is a value priced 6.5" (frame width 166 mm) mid woofer with a performance normally associated with more expensive products. Available in 2 cone colours, its highly linear performance and close production tolerances are important features of this driver:

1 – Nearly flat wide response (30Hz to 5.5kHz) giving a wide choice of network (crossover) solutions.

2 – Built-in Baffle Step correction @ +5dB lift from 300Hz to 800Hz.

3 – Linear response

under load with a double front suspension designed to reduce distortion under peak loads.

4 – Production tolerances are close @ ±5% on all major functions, specifications normally associated with more expensive drivers.

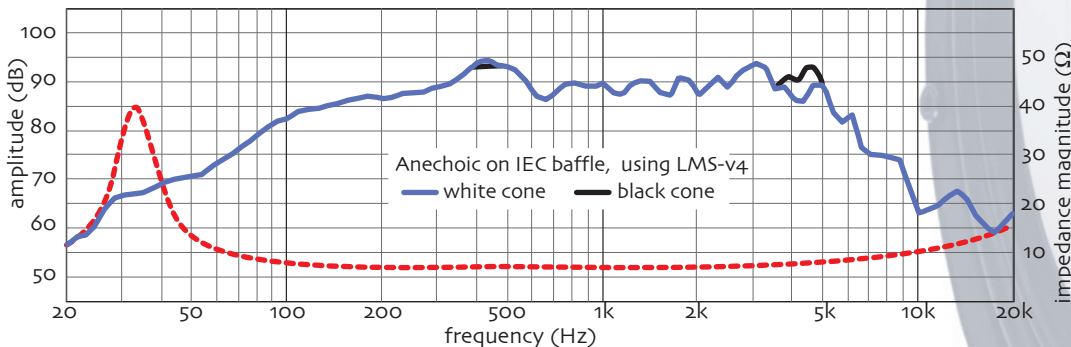
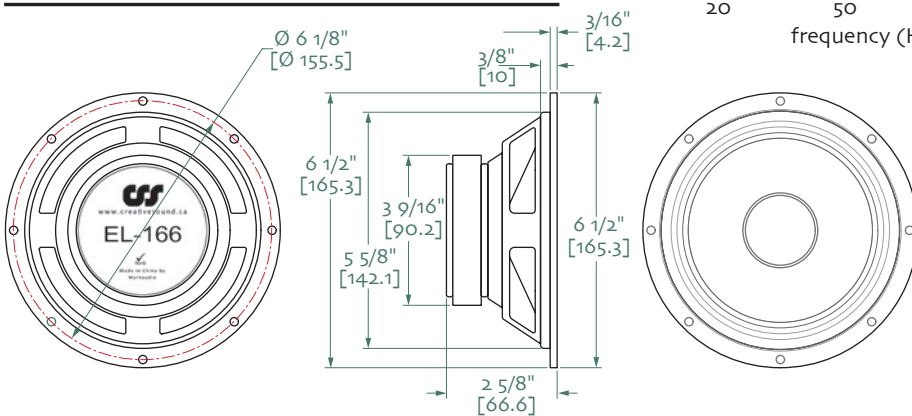
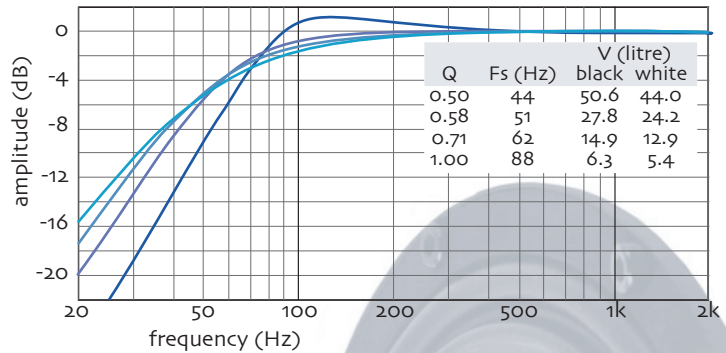
5 – Driver parameters suit many designs and types of enclosure, the simplest being sealed or typically ported (bass reflex) from 13.5 litres to 30 litres.

6 – Drivers are packed in pairs with M4 Hex wood screws and include both front and rear mount seals.

7 – Nominal power handling of 40 watts



CSS EL-166 Thiele/Small Parameters (black white)				
F_s (Hz)	33.7 32.9	X_{max} (one way)	5.5mm	
Q_{ms}	2.68	S_d (cm ²)	139	
Q_{es}	0.44	L_e mH	0.60	
Q_{ts}	0.38	BL	NA	7.56 8.18
V_{as} (litres)	37.0 32.2	M_{ms} (g)	16.9 20.2	
R_e (Ω)	7.0	SPL (dB@1W 1m)	87.1 86.2	



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