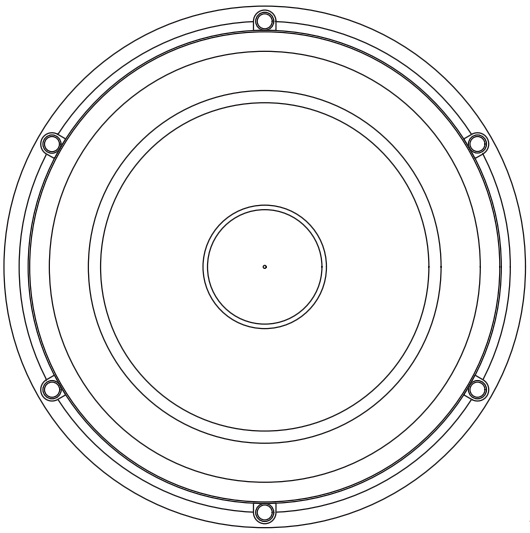
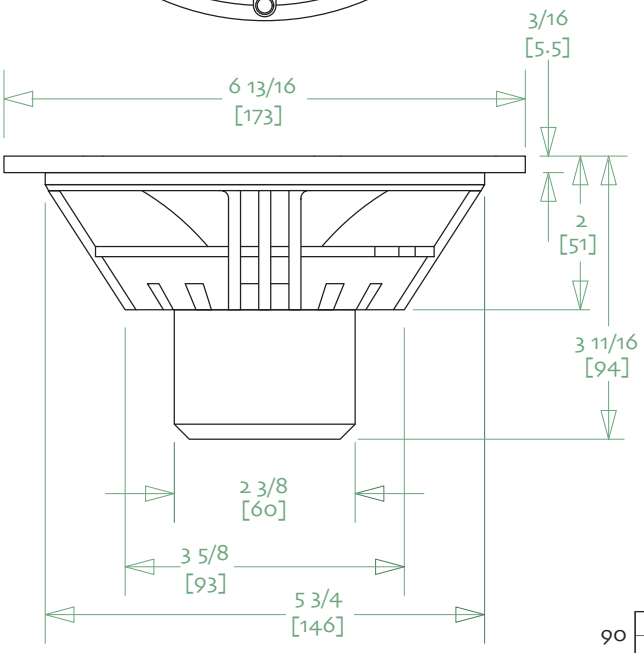
Creative Sound Solutions SDX7 Woofer

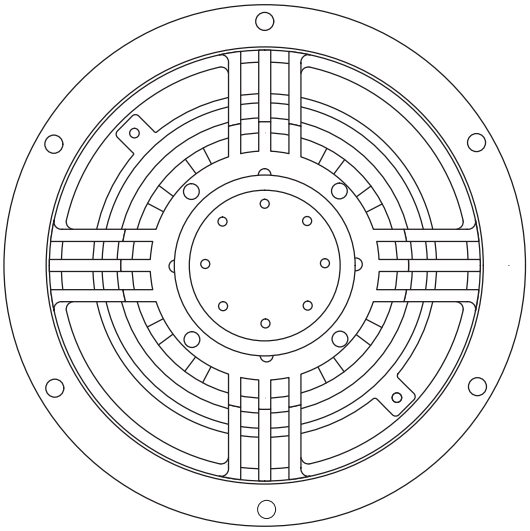
XBL^{2TM} Power 7" Woofer

The SDX7 was designed as a drop in replacement for Adire Extremis 6.8 from 600 Hz down (i.e. in 3-way designs or subwoofers) with significantly improved performance. See the application notes for recommended enclosure designs.

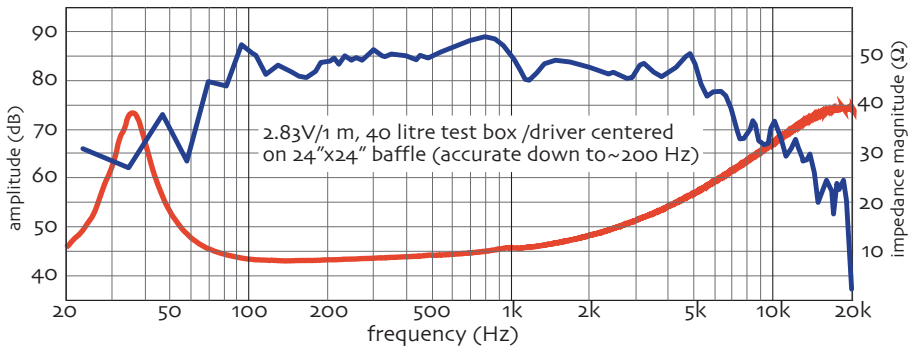
- low mass woven carbon fiber cone with rubber surround
- high power, low inductance design based on the patented* XBL^{2} ™ motor topology used under license, with dual Neodymium slug magnets
- 4 layer 1.5" voice coil
- solid pole piece, machined copper phase plug and axial gap vents for reduced thermal compression & low aerodynamic noise
- high excursion suspension
- attractive cast aluminum basket design with narrow spokes & substantial under spider venting
- high quality gold plated terminals







mounted flush to a 3/4" (19 mm) baffle
driver takes up ~ 0.1 litres



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CSS SDX7 XBL^{2TM} Thiele/Small Parameters				
F_s (Hz)	34.0	X_{max} (one way)		11.1 mm
Q_{es}	0.41	S_d	(cm^2)	128
Q_{ms}	2.2	L_e		0.75
Q_{ts}	0.35	BL	NA	8.5
V_{as} (litres)	23.8	M_{ms}	(g)	21.9
R_e (Ω)	6.4	SPL	(dB@1W 1m)	85.0

*US patent #7,039,213