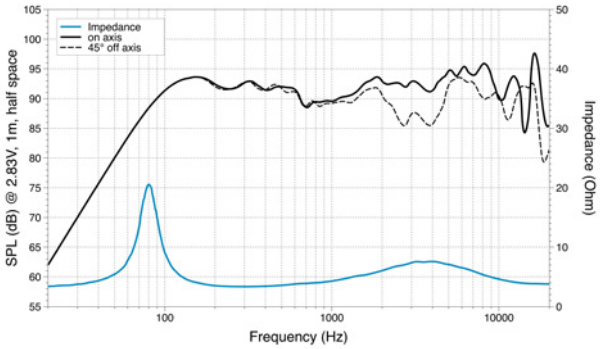
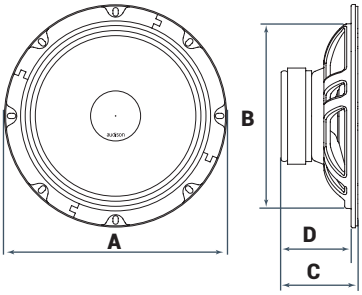
APX 6.5 COAXIAL

1 Concentric Coaxial Tweeter: tweeter is mounted within the woofer with one single point of emission providing consistent phase response, with an accurate recreation of the sound stage comparable to that of a component system.
2 Tweeter features an acoustic lens specifically designed to ensure an extremely linear frequency response, even in off-axis placement, typical of in-door installations.
3 32 mm pure copper voice coil, for high power handling and outstanding low frequency control.
4 Overall mounting depth optimized for OEM Integration thanks to the concentric tweeter and the low profile basket.
5 Water-repellent treated paper cone, featuring a profile developed with FEM (Finite Element Method) simulation technology and optimized with the Klippel Scan Vibrometer.
6 TPU (Thermoplastic Polyurethane) surround, featuring the exclusive shallow "Triple Wave" profile, for maximum excursion linearity.
7 Compact basket, protected by abrasion-resistant and scratch-proof coating, the motor affixed with damping epoxy adhesive.
8 High current fast-on terminal with double contact on positive and negative poles for high flexibility and quick connection. The terminal features a temperature resistant plastic cover, protecting it against accidental short circuits.
9 Developed with the KLIPPEL suite.





A	A3	B	C	D	
165	-	141	60	57	mm
6.5	-	5.55	2.36	2.24	in.

TECHNICAL SPECIFICATIONS

Component		2-way Coaxial
Size	mm (in.)	Woofer 165 (6.5) Tweeter 24 (0.9)
Power Handling	W peak W continuos	210 70
Impedance	Ω	4
Frequency Response	Hz	60 ÷ 23k
Magnet size D x h	mm (in.)	85 x 40 x 15 (3.35 x 1.57 x 0.59)
Weight of one speaker	kg (lb)	0,87 (1.92)
Woofer Voice Coil Ø	mm (in.)	32 (1.26)
Tweeter Voice Coil Ø	mm (in.)	15 (0.6)

ELECTRO-ACOUSTIC PARAMETERS

D	mm	129
Xmax	mm	±2
Re	Ω	3,1
Fs	Hz	80
Le	mH	0,1
Vas	l	8,1
Mms	g	11,5
Cms	mm/N	0,33
BL	T•m	4,6
Qts		0,73
Qes		0,84
Qms		5,4
Spl	dB	94

All specifications subject to change without notice_16.F