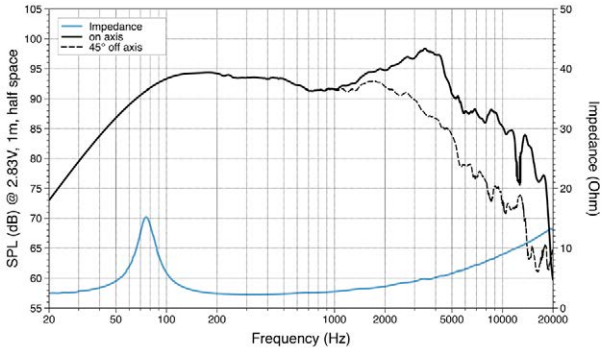
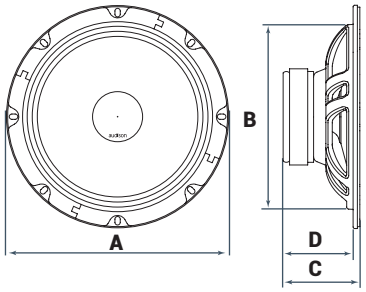
AP 6.5 Ω2 WOOFER

1. 2Ω impedance, to fully exploit the 65 W power per channel at 2Ω of the AP8.9 bit amplifier.
2. 75 Hz resonance frequency, to extend the frequency range down to low frequencies up to 50 Hz and increase the SPL in the low range.
3. 25 mm mobile voice coil to maximize efficiency achieving 95 dB.
4. 10 mm winding height mobile voice coil to increase maximum linear excursion up to 2,8 mm and minimize distortion, even at high listening levels.
5. Water-repellent treated paper cone, featuring profile developed with FEM simulation technology and optimized with the Klippel Scan Vibrometer.
6. Reduced mounting depth, providing ease of installation in OEM placements.
7. TPU (Thermoplastic Polyurethane) surround, featuring the exclusive "Triple Wave" shallow profile, for maximum excursion linearity.
8. Compact basket, protected by abrasion-resistant and scratch-proof coating. Damping epoxy glue provides perfect coupling with the motor system.
9. 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.
10. Developed with the KLIPPEL suite.





A	A_3	B	C	D	
165	-	141	77,3	58,5	mm
8.23	-	6.85	3.04	2.3	in.

TECHNICAL SPECIFICATIONS

Component		Woofer
Size	mm (in.)	165 (6.5)
Power Handling	W peak W continuos	210 70
Impedance	Ω	2
Frequency Response	Hz	60 ÷ 5k
Magnet size D x h	mm (in.)	85 x 32 x 15 (3.35 x 1.26 x 0.59)
Weight of one speaker	kg (lb)	0,78 (1.72)
Voice Coil Ø	mm (in.)	25 (1)

ELECTRO-ACOUSTIC PARAMETERS

D	mm	127
Xmax	mm	±2,8
Re	Ω	2,1
Fs	Hz	75
Le	mH	0,15
Vas	l	8,5
Mms	g	10,5
Cms	mm/N	0,4
BL	T•m	3,8
Qts		0,63
Qes		0,73
Qms		4,8
Spl	dB	95