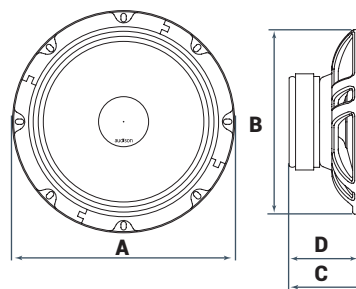
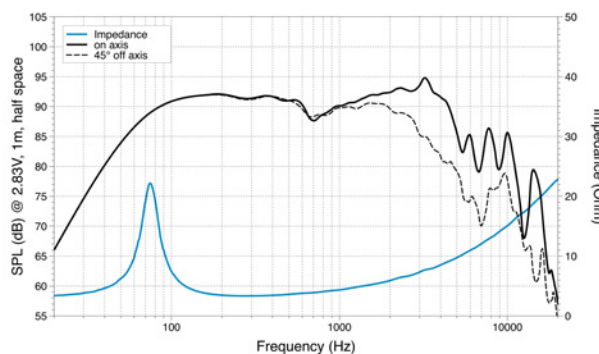


# AP 6.5 WOOFER

- 1 32 mm pure copper mobile voice coil, for high power handling and outstanding low frequency control.
- 2 Water-repellent treated paper cone, featuring a profile developed with FEM (Finite Element Method) simulation technology and optimized with the Klippel R&D Scan Vibrometer.
- 3 No passive crossover required to maximize efficiency: the cone is optimised with the Klippel R&D Scan Vibrometer to obtain a calibrated mechanical low-pass cut-off frequency.
- 4 Reduced mounting depth, providing ease of installation in OEM placements.
- 5 TPU (Thermoplastic Polyurethane) surround, featuring the exclusive shallow "Triple Wave" profile, for maximum excursion linearity.
- 6 Compact basket, protected by abrasion-resistant and scratch-proof coating, the motor affixed with damping epoxy adhesive.
- 7 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.
- 8 Developed with the KLIPPEL suite.



A	A <sub>s</sub>	B	C	D	
165	-	141	60	56	mm
8.23	-	6.85	2.75	2.6	in.

## TECHNICAL SPECIFICATIONS

Component		Woofer
Size	mm (in.)	165 (6.5)
Power Handling	W peak	210
	W continuous	70
Impedance	Ω	4
Frequency Response	Hz	60 ÷ 5k
Magnet size	mm	85 x 40 x 15
D x h	(in.)	(3.35 x 1.57 x 0.59)
Weight of one speaker	kg (lb)	0,78 (1.72)
Voice Coil Ø	mm (in.)	32 (1.26)

## ELECTRO-ACOUSTIC PARAMETERS

D	mm	129
X <sub>max</sub>	mm	±2,5
R <sub>e</sub>	Ω	3,1
F <sub>s</sub>	Hz	80
L <sub>e</sub>	mH	0,23
V <sub>as</sub>	l	7,6
M <sub>ms</sub>	g	12
C <sub>ms</sub>	mm/N	0,31
BL	T·m	4,7
Q <sub>ts</sub>		0,7
Q <sub>es</sub>		0,8
Q <sub>ms</sub>		4,7
Spl	dB	93,5