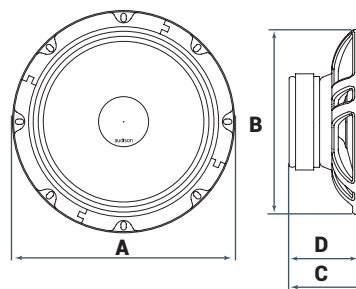
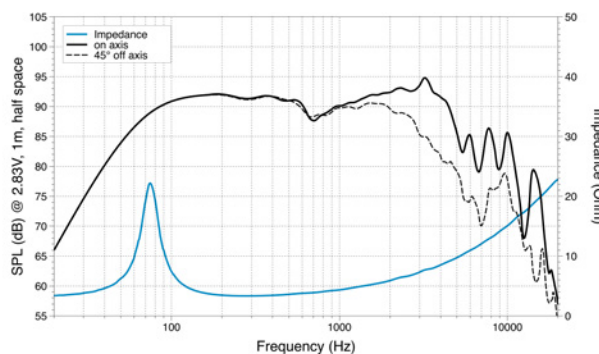


AP 6.5 WOOFER

- 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 _s | 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 _{max} | mm | ±2,5 |
| R _e | Ω | 3,1 |
| F _s | Hz | 80 |
| L _e | mH | 0,23 |
| V _{as} | l | 7,6 |
| M _{ms} | g | 12 |
| C _{ms} | mm/N | 0,31 |
| BL | T·m | 4,7 |
| Q _{ts} | | 0,7 |
| Q _{es} | | 0,8 |
| Q _{ms} | | 4,7 |
| Spl | dB | 93,5 |