

● *Woofer model: AUGWL0010-JN10*

This 4 inch woofer, features 1 inch voice coil, pulp with carbon fiber cone, and ferrite magnet motor system. As for the selection of material, this series of speakers uses a new mixed material with pulp and 60% carbon fiber, it can greatly enhance the stiffness of the cone body and control range of the internal damping.

● *Transducer front and side images:*



● *Specifications:*

*T-S Parameters*

Resonance frequency [fs]	62.5 Hz
Mechanical Q factor [Qms]	3.12
Electrical Q factor [Qes]	0.459
Total Q factor [Qts]	0.4
Force factor [Bl]	4.306 Tm
Mechanical resistance [Rms]	0.833 kg/s
Moving mass [Mms]	6.616 g
Compliance [Cms]	0.979 mm/N
Effective diaph. diameter [D]	83 mm
Effective piston area [Sd]	54.11 cm <sup>2</sup>
Equivalent volume [Vas]	4.0568 l
Sensitivity (2.83V/1m)	88 dB
Ratio Bl/√Re	2.38 N/√W
Ratio fs/Qts	156.25 Hz

*Electrical Data*

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.96 Ω
Maximum impedance [Zo]	26.17 Ω
DC resistance [Re]	3.27 Ω
Voice coil inductance [Le]	0.085 mH

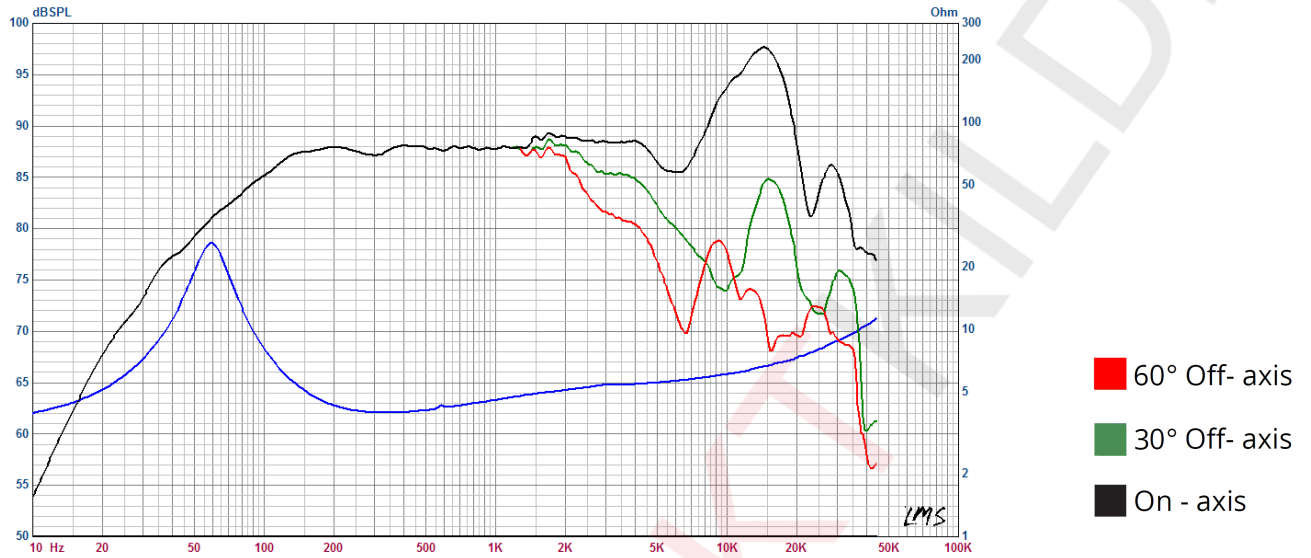
*Power Handling*

100h RMS noise test (IEC 17.1)	35 W
Long-term max power (IEC 17.3)	50 W

*Voice Coil & Magnet Data*

Voice coil diameter	25.5 mm
Voice coil height	12.5 mm
Voice coil layers	2
Height of gap	6 mm
Linear excursion	± 6 mm
Max mech. excursion	± 6 mm
Unit weight	0.95 kg

● *Frequency Response / Impedance Curve:*



● *Transducer front and side images:*

