

● *Woofer model: AUGWL0065-JN03*

This 2.5 inch woofer, features 1 inch voice coil with CCAW, aluminum former, and neodymium magnet motor system. Main cone body uses PULP with patented carbon fiber to make sure the speaker has a better stiffness and lower distortion. What's more, U-yoke is embedded in the bracket to reduce overall height without affecting amplitude, and the overall design meets the requirements for ultra-thin performance.

● *Transducer front and side images:*



Prototype



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	150.9 Hz
Mechanical Q factor [Qms]	5.607
Electrical Q factor [Qes]	0.772
Total Q factor [Qts]	0.679
Force factor [Bl]	5.494 Tm
Mechanical resistance [Rms]	0.610 kg/s
Moving mass [Mms]	3.606 g
Compliance [Cms]	0.309 mm/N
Effective diaph. diameter [D]	64 mm
Effective piston area [Sd]	32.17 cm ²
Equivalent volume [Vas]	0.4520 l
Sensitivity (2.83V/1m)	84 dB
Ratio Bl/√Re	2.104 N/√W
Ratio fs/Qts	225.93 Hz

Electrical Data

Nominal impedance [Zn]	8 Ω
Minimum impedance [Zmin]	6.8 Ω
Maximum impedance [Zo]	62.01 Ω
DC resistance [Re]	6.82 Ω
Voice coil inductance [Le]	0.411 mH

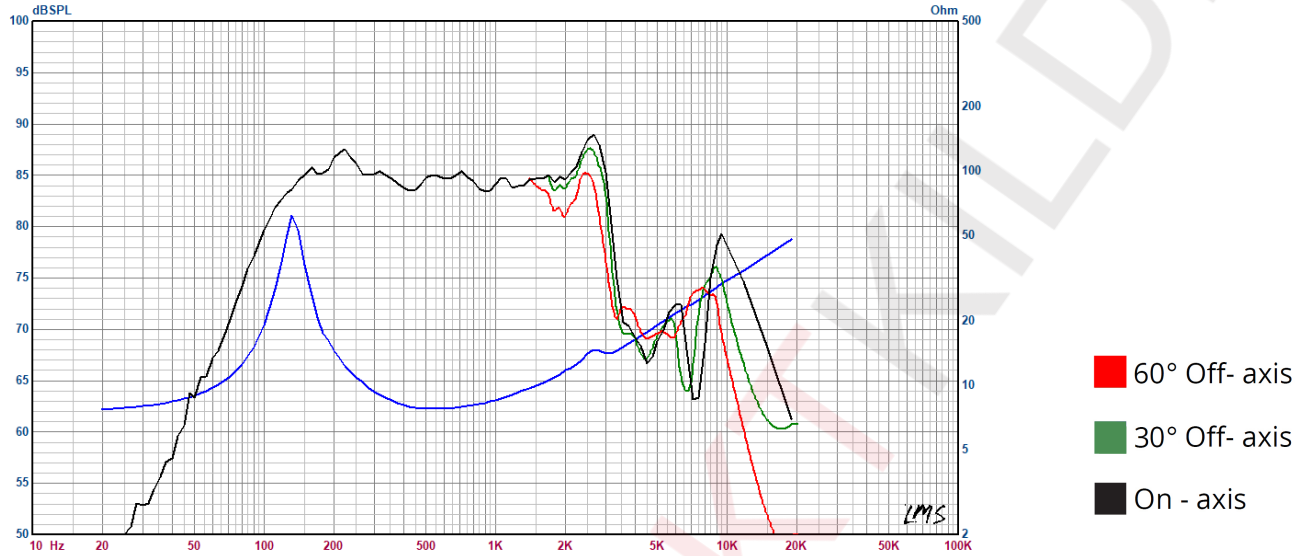
Power Handling

100h RMS noise test (IEC 17.1)	5 W
Long-term max power (IEC 17.3)	10 W

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	6.3 mm
Voice coil layers	4
Height of gap	4 mm
Linear excursion	± 1.1 mm
Max mech. excursion	± - mm
Unit weight	0.116 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

