

● *Woofer model: AUGWL2004-JN01*

This 5.25 inch Woofer features 1.4 inch voice coil with Conex spider, newly designed aluminum cone with ferrite magnet motor system. This woofer offers natural and detailed sound experience with low distortion. It is the new audio standard for DIY enthusiasts or home theater systems.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	48.7 Hz
Mechanical Q factor [Qms]	2.07
Electrical Q factor [Qes]	0.44
Total Q factor [Qts]	0.36
Force factor [Bl]	5.67 Tm
Mechanical resistance [Rms]	1.91 kg/s
Moving mass [Mms]	11.40 g
Compliance [Cms]	0.83 mm/N
Effective diaph. diameter [D]	124.5 mm
Effective piston area [Sd]	121.74 cm ²
Equivalent volume [Vas]	17.34 l
Sensitivity (2.83V/1m)	88.5 dB
Ratio Bl/√Re	3 N/√W
Ratio fs/Qts	135.28 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4.25 Ω
Maximum impedance [Zo]	18.22 Ω
DC resistance [Re]	3.58 Ω
Voice coil inductance [Le]	0.359 mH

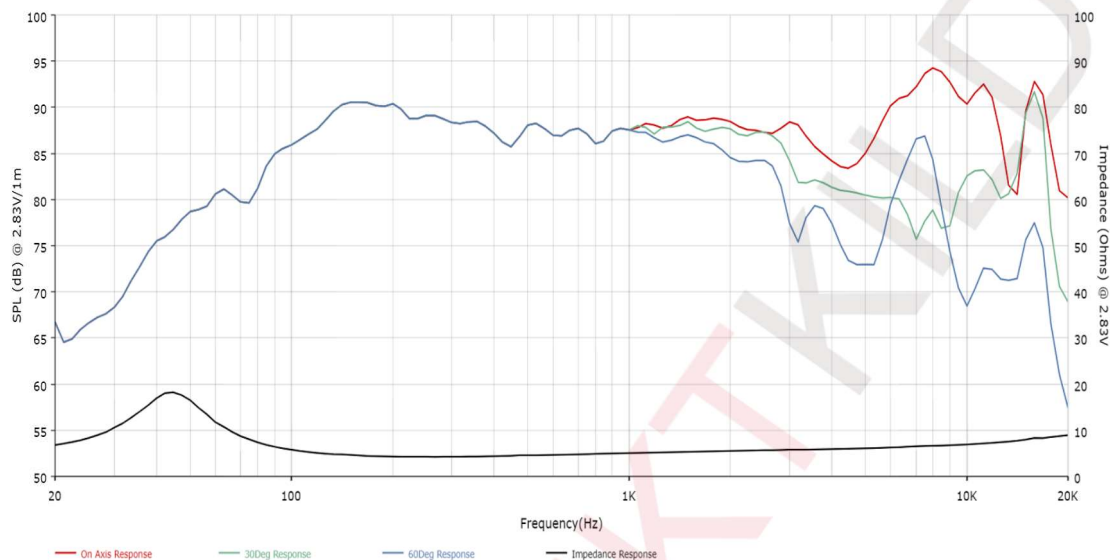
Power Handling

100h RMS noise test (IEC 18.4)	80 W
Long-term max power (IEC 18.2)	- W

Voice Coil & Magnet Data

Voice coil diameter	35.55 mm
Voice coil height	15 mm
Voice coil layers	2
Height of gap	6 mm
Linear excursion	± 4.5 mm
Max mech. excursion	± 15.5 mm
Unit weight	1.54 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

