

● *Fullrange model: AUGFL2001-JN01*

This Fullrange series consisted with 4 types 1.5/2/2.5/3 inch drivers. With this unique 2.5 inch driver, it features 1 inch CCAW voice coil, Aluminum diaphragm with rubber surround, Neodymium magnet motor system to extend the high frequency response up to 40KHz with low distortion. This finest unit is designed for Premium speaker applications.

● *Transducer front and side images:*



Prototype



● *Specifications:*

*T-S Parameters*

Resonance frequency [fs]	122.9 Hz
Mechanical Q factor [Qms]	3.103
Electrical Q factor [Qes]	0.799
Total Q factor [Qts]	0.635
Force factor [Bl]	2.826 Tm
Mechanical resistance [Rms]	0.619 kg/s
Moving mass [Mms]	2.486 g
Compliance [Cms]	0.674 mm/N
Effective diaph. diameter [D]	53 mm
Effective piston area [Sd]	22.06 cm <sup>2</sup>
Equivalent volume [Vas]	0.465 l
Sensitivity (2.83V/1m)	85 dB
Ratio Bl/√Re	1.551 N/√W
Ratio fs/Qts	193.5 Hz

*Electrical Data*

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.51 Ω
Maximum impedance [Zo]	12.7 Ω
DC resistance [Re]	3.32 Ω
Voice coil inductance [Le]	0.03 mH

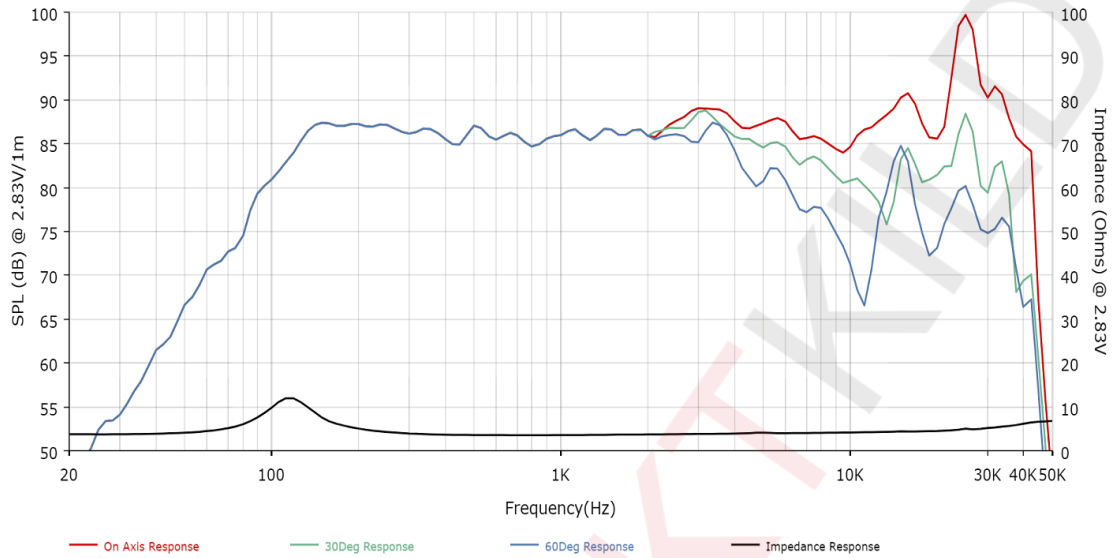
*Power Handling*

100h RMS noise test (IEC 18.4)	10 W
Long-term max power (IEC 18.2)	- W

*Voice Coil & Magnet Data*

Voice coil diameter	25.4 mm
Voice coil height	6 mm
Voice coil layers	2
Height of gap	3.5 mm
Linear excursion	± 1.25 mm
Max mech. excursion	± 5.5 mm
Unit weight	0.168 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

