

● *Tweeter model: AUGDL0003–JN03*

This 4 inch Aluminum Alloy Tweeter, 4 ohm, with Front-Mounting panel. It has good process ability and high yield for mass production. Because of this special raw material structure and unique processing technology, from magnesium lithium metal foil, the attributes of Magnesium Lithium offer high strength, good rigidity, good heat resistance, low density and so on.

● *Transducer front and side images:*



Prototype

● *Specifications:*

*T-S Parameters*

Resonance frequency [fs]	725.3 Hz
Mechanical Q factor [Qms]	2.286
Electrical Q factor [Qes]	1.086
Total Q factor [Qts]	0.736
Force factor [Bl]	2.377 Tm
Mechanical resistance [Rms]	0.761 kg/s
Moving mass [Mms]	0.382 g
Compliance [Cms]	0.126 mm/N
Effective diaph. diameter [D]	31.6 mm
Effective piston area [Sd]	6.16 cm <sup>2</sup>
Equivalent volume [Vas]	0.0068 l
Sensitivity (2.83V/1m)	90 dB
Ratio Bl/√Re	1.26 N/√W
Ratio fs/Qts	985.4 Hz

*Electrical Data*

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.8 Ω
Maximum impedance [Zo]	15 Ω
DC resistance [Re]	3.53 Ω
Voice coil inductance [Le]	0.022 mH

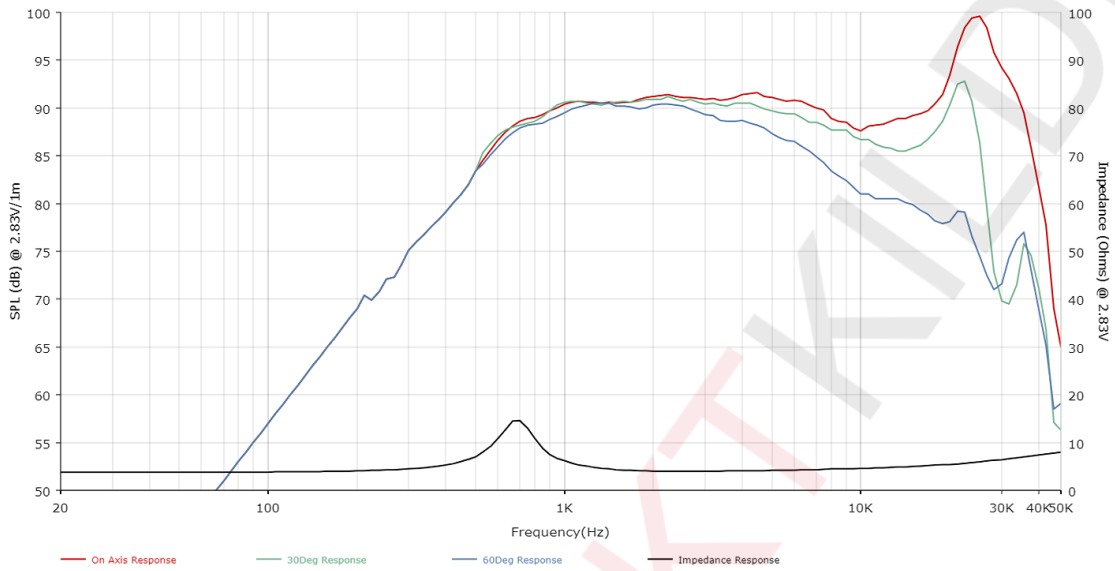
*Power Handling*

100h RMS noise test (IEC 18.4)	20 W
Long-term max power (IEC 18.2)	30 W

*Voice Coil & Magnet Data*

Voice coil diameter	25.4 mm
Voice coil height	2.1 mm
Voice coil layers	2
Height of gap	2.5 mm
Linear excursion	± 1 mm
Max mech. excursion	± - mm
Unit weight	0.66 kg

● *Frequency Response / Impedance Curve:*



● *Transducer front and side images:*

