

● *Tweeter model: AUGDL0249–JN01*

This compact 16 ohm dome tweeter have been newly designed with 1 inch CCAW voice coil, upgraded Textile dome diaphragm and Ferrite Fluid motor system to provide excellent sound experience. This splendid unit is the new benchmark for bookshelf speaker.

● *Transducer front and side images:*



Prototype



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	1077 Hz
Mechanical Q factor [Qms]	1.89
Electrical Q factor [Qes]	2.18
Total Q factor [Qts]	1.01
Force factor [Bl]	3.30 Tm
Mechanical resistance [Rms]	0.86 kg/s
Moving mass [Mms]	0.24 g
Compliance [Cms]	0.09 mm/N
Effective diaph. diameter [D]	30.5 mm
Effective piston area [Sd]	7.31 cm ²
Equivalent volume [Vas]	0.007 l
Sensitivity (2.83V/1m)	86 dB
Ratio Bl/√Re	0.86 N/√W
Ratio fs/Qts	1066 Hz

Electrical Data

Nominal impedance [Zn]	16 Ω
Minimum impedance [Zmin]	14.9 Ω
Maximum impedance [Zo]	24.7 Ω
DC resistance [Re]	14.7 Ω
Voice coil inductance [Le]	0.06 mH

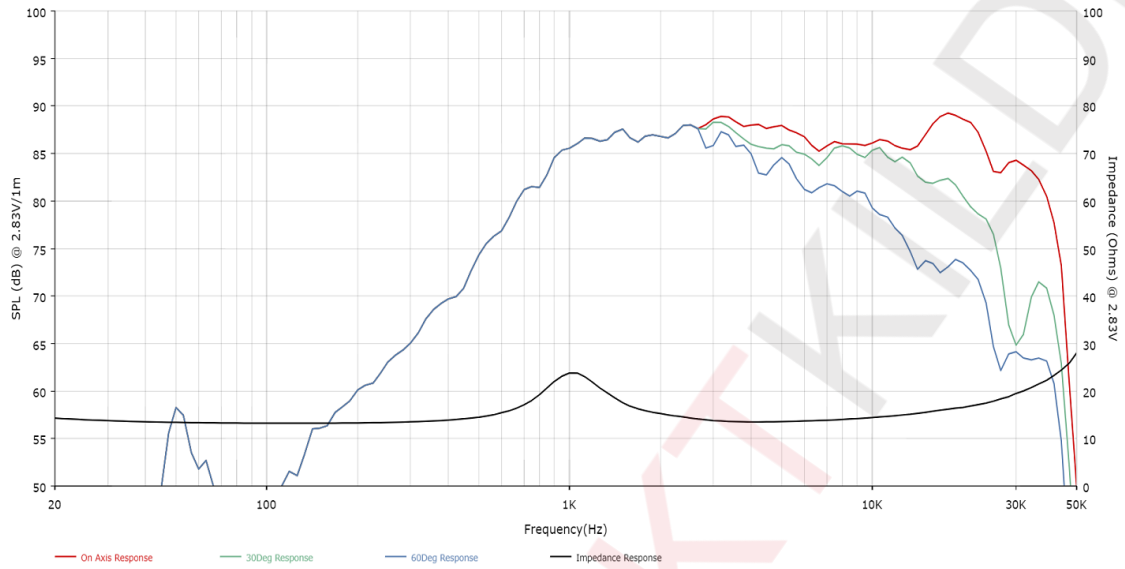
Power Handling

100h RMS noise test (IEC 18.4)	50 W
Long-term max power (IEC 18.2)	- W

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	1.9 mm
Voice coil layers	2
Height of gap	2 mm
Linear excursion	± 0.05 mm
Max mech. excursion	± - mm
Unit weight	0.059 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

