

● *Fullrange model: AUGWL1073-JN01*

The ultimate 1.5inch, 8 ohm Plastic frame driver have been newly designed with 0.6 inch PECCAW voice coil, Upgraded Aluminum cone and Neodymium magnet motor system to provide wide range sound experience. This spectacular driver is the new benchmark for soundbar systems.

● *Transducer front and side images:*



Prototype

● *Specifications:*

T-S Parameters

Resonance frequency [fs]	230 Hz
Mechanical Q factor [Qms]	5.85
Electrical Q factor [Qes]	1.09
Total Q factor [Qts]	0.922
Force factor [Bl]	3.23 Tm
Mechanical resistance [Rms]	0.268 kg/s
Moving mass [Mms]	0.99 g
Compliance [Cms]	0.4 mm/N
Effective diaph. diameter [D]	10.4 mm
Effective piston area [Sd]	8.55 cm ²
Equivalent volume [Vas]	0.0417 l
Sensitivity (2.83V/1m)	80 dB
Ratio Bl/√Re	1.2 N/√W
Ratio fs/Qts	249.4 Hz

Electrical Data

Nominal impedance [Zn]	8 Ω
Minimum impedance [Zmin]	7.4 Ω
Maximum impedance [Zo]	33 Ω
DC resistance [Re]	7.2 Ω
Voice coil inductance [Le]	0.083 mH

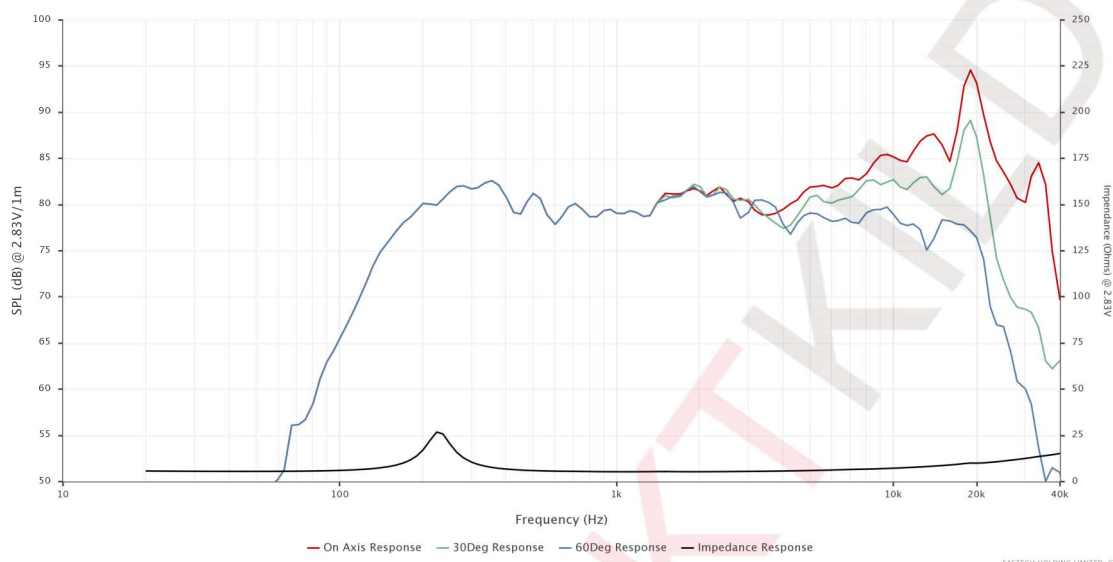
Power Handling

100h RMS noise test (IEC 18.4)	5 W
Long-term max power (IEC 18.2)	- W

Voice Coil & Magnet Data

Voice coil diameter	16.28 mm
Voice coil height	4.6 mm
Voice coil layers	2
Height of gap	2.5 mm
Linear excursion	± 1.05 mm
Max mech. excursion	± - mm
Unit weight	0.042 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

