

● *Fullrange model: AUGFL2083-JN01*

The ultimate 1.75 inch, 4 ohm Steel frame driver have been newly designed with 0.8 inch PESVCCA W voice coil, Upgraded Paper 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:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	152 Hz
Mechanical Q factor [Qms]	6.84
Electrical Q factor [Qes]	1.74
Total Q factor [Qts]	1.39
Force factor [Bl]	2.04 Tm
Mechanical resistance [Rms]	0.3 kg/s
Moving mass [Mms]	2.17 g
Compliance [Cms]	0.5 mm/N
Effective diaph. diameter [D]	36.3 mm
Effective piston area [Sd]	10.35 cm ²
Equivalent volume [Vas]	0.076 l
Sensitivity (2.83V/1m)	76 dB
Ratio Bl/√Re	1.11 N/√W
Ratio fs/Qts	109.35 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.9 Ω
Maximum impedance [Zo]	15.2 Ω
DC resistance [Re]	3.4 Ω
Voice coil inductance [Le]	0.049 mH

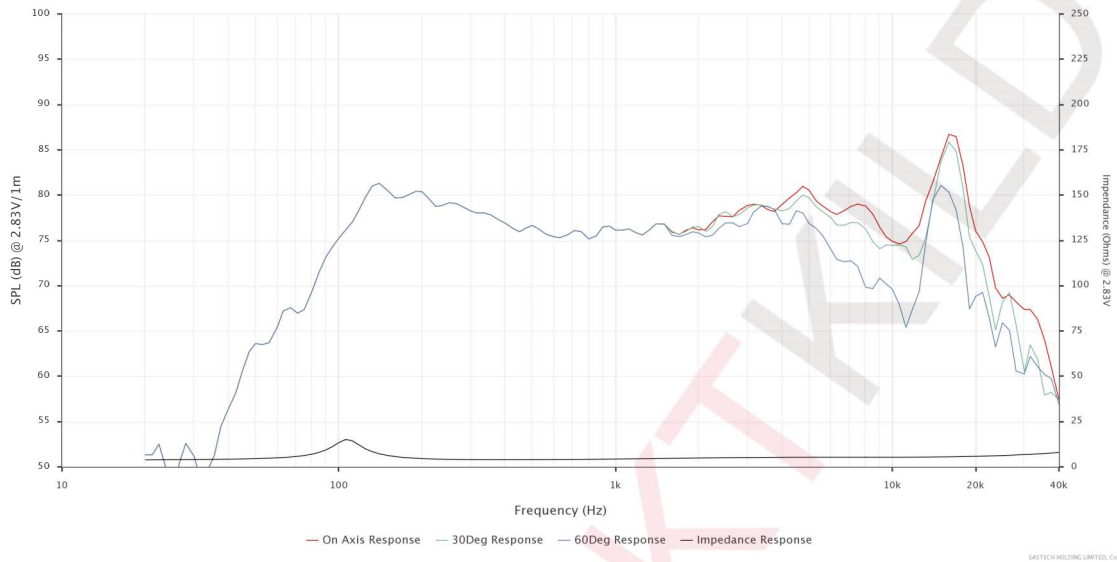
Power Handling

100h RMS noise test (IEC 18.4)	15 W
Long-term max power (IEC 18.2)	- W

Voice Coil & Magnet Data

Voice coil diameter	20.32 mm
Voice coil height	11.52 mm
Voice coil layers	2
Height of gap	4 mm
Linear excursion	± 3.76 mm
Max mech. excursion	± - mm
Unit weight	0.0998 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

