

● *Fullrange model: ASDFL1015-0401*

The ultimate 1.5 inch, 4 ohm Steel frame driver have been newly designed with 0.8 inch PEPSCCAW voice coil, Upgraded Paper cone and Neodymium magnet motor system to provide wide range sound experience. This driver sets a new performance benchmark for soundbar systems, delivering exceptional acoustic fidelity and dynamic range.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	235.9 Hz
Mechanical Q factor [Qms]	7.518
Electrical Q factor [Qes]	0.446
Total Q factor [Qts]	0.421
Force factor [Bl]	3.585 Tm
Mechanical resistance [Rms]	0.201 kg/s
Moving mass [Mms]	1.019 g
Compliance [Cms]	0.447 mm/N
Effective diaph. diameter [D]	31 mm
Effective piston area [Sd]	7.55 cm ²
Equivalent volume [Vas]	0.036 l
Sensitivity (2.83V/1m)	83 dB
Ratio Bl/√Re	1.839 N/√W
Ratio fs/Qts	560.33 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4.5 Ω
Maximum impedance [Zo]	55.2 Ω
DC resistance [Re]	3.8 Ω
Voice coil inductance [Le]	0.077 mH

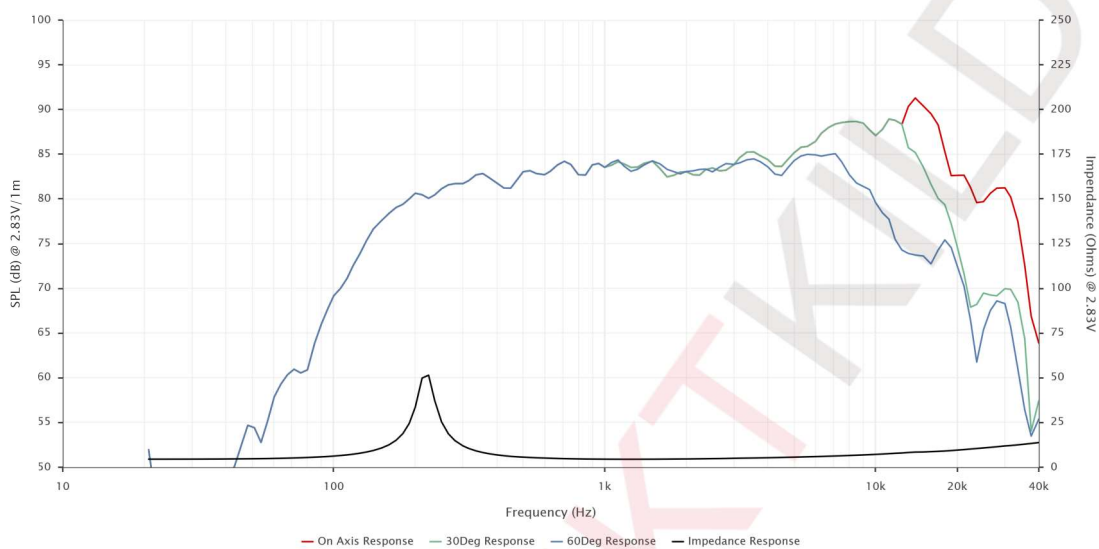
Power Handling

100h RMS noise test (IEC 18.4)	6 W
Long-term max power (IEC 18.2)	10 W

Voice Coil & Magnet Data

Voice coil diameter	19.4 mm
Voice coil height	6.4 mm
Voice coil layers	2
Height of gap	2.5 mm
Linear excursion	± 1.95 mm
Max mech. excursion	± - mm
Unit weight	0.078 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

