

● *Woofer model: ASDWL2001-0401*

This 3 inch, 4 ohm Ultra-thin Woofer unit , contain with 1.2 inch PESVW voice coil, Neodymium magnet motor system, XP67 coating on the Diaphragm & Dust Cap. It can be used on Soundbar model and outdoor portable audio.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	85.8 Hz
Mechanical Q factor [Qms]	3.971
Electrical Q factor [Qes]	0.631
Total Q factor [Qts]	0.544
Force factor [Bl]	4.948 Tm
Mechanical resistance [Rms]	1.056 kg/s
Moving mass [Mms]	7.783 g
Compliance [Cms]	0.442 mm/N
Effective diaph. diameter [D]	63 mm
Effective piston area [Sd]	31.17 cm ²
Equivalent volume [Vas]	0.5999 l
Sensitivity (2.83V/1m)	83 dB
Ratio Bl/√Re	2.579 N/√W
Ratio fs/Qts	157.7 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4.03 Ω
Maximum impedance [Zo]	24.95 Ω
DC resistance [Re]	3.68 Ω
Voice coil inductance [Le]	0.358 mH

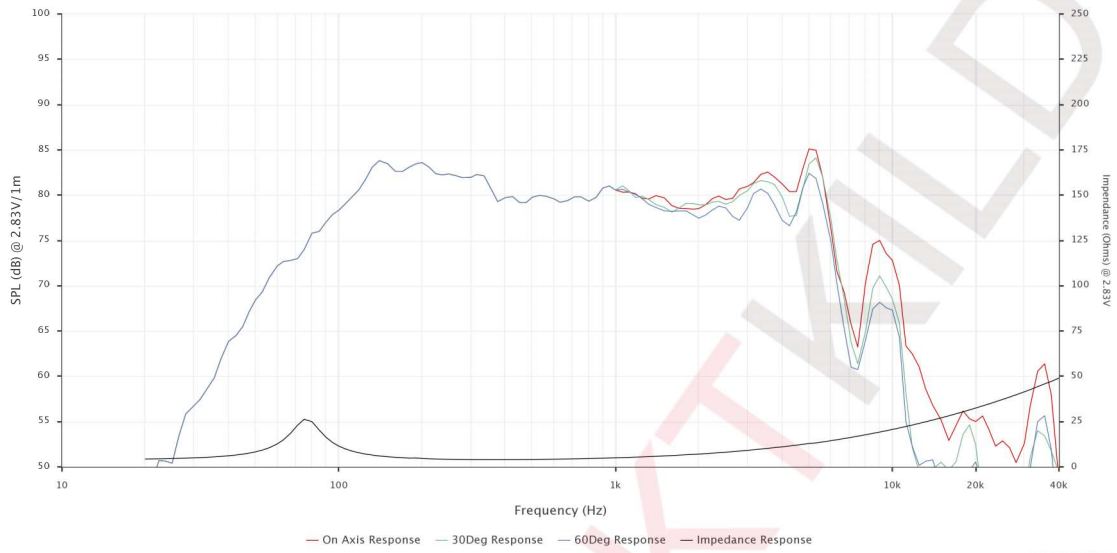
Power Handling

100h RMS noise test (IEC 18.4)	15 W
Long-term max power (IEC 18.2)	30 W

Voice Coil & Magnet Data

Voice coil diameter	30.55 mm
Voice coil height	6.8 mm
Voice coil layers	4
Height of gap	4 mm
Linear excursion	± 1.4 mm
Max mech. excursion	± - mm
Unit weight	0.16 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

