

● *Woofer model: ASDWL2008-0301*

This ultimate 131mm x 75mm woofer unit have been newly designed with customized Plastic frame, 1 inch PEPSW voice coil, upgraded Paper pulp cone and Neodymium magnet motor system to provide great heavy bass sound quality with low distortions. This driver establishes a new reference standard for strong woofer taste audiences, delivering unparalleled low-frequency performance.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	79.5 Hz
Mechanical Q factor [Qms]	4.909
Electrical Q factor [Qes]	0.525
Total Q factor [Qts]	0.474
Force factor [Bl]	5.877 Tm
Mechanical resistance [Rms]	1.305 kg/s
Moving mass [Mms]	12.822 g
Compliance [Cms]	0.312 mm/N
Effective diaph. diameter [D]	54x85 mm
Effective piston area [Sd]	42.1 cm²
Equivalent volume [Vas]	0.783 l
Sensitivity (2.83V/1m)	83 dB
Ratio Bl/√Re	3.4 N/√W
Ratio fs/Qts	167.72 Hz

Electrical Data

Nominal impedance [Zn]	3 Ω
Minimum impedance [Zmin]	4.1 Ω
Maximum impedance [Zo]	44.2 Ω
DC resistance [Re]	2.83 Ω
Voice coil inductance [Le]	0.672 mH

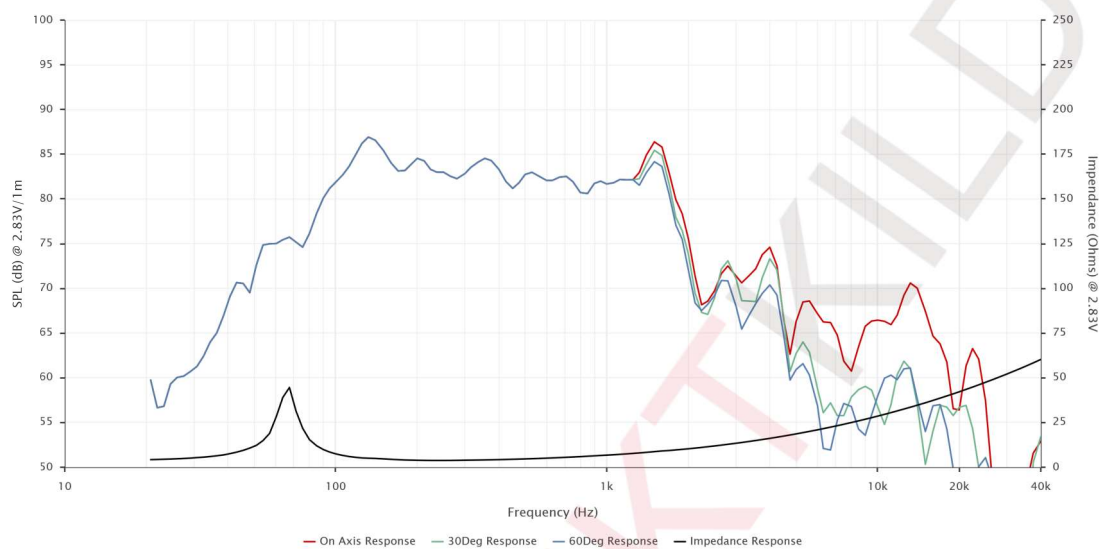
Power Handling

100h RMS noise test (IEC 18.4)	25 W
Long-term max power (IEC 18.2)	30 W

Voice Coil & Magnet Data

Voice coil diameter	25.5 mm
Voice coil height	18.3 mm
Voice coil layers	4
Height of gap	4 mm
Linear excursion	± 7.15 mm
Max mech. excursion	± - mm
Unit weight	0.373 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

