

● *Tweeter model: ASDDL0001-0800*

This compact Tweeter features an 8 ohm 0.8 inch voice coil, Neodymium magnet motor system and a textile dome diaphragm, which is up to the standard of IPX7. The ingenious design with a metal rear chamber provides lower resonant frequency and increased heat sinking for power handling capacity. The product is designed for portable and compact applications, while providing excellent dynamic sound quality.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	1284.1 Hz
Mechanical Q factor [Qms]	0.981
Electrical Q factor [Qes]	5.402
Total Q factor [Qts]	0.83
Force factor [Bl]	1.204 Tm
Mechanical resistance [Rms]	1.049 kg/s
Moving mass [Mms]	0.128 g
Compliance [Cms]	0.12 mm/N
Effective diaph. diameter [D]	23.5 mm
Effective piston area [Sd]	4.34 cm ²
Equivalent volume [Vas]	0.0032 l
Sensitivity (2.83V/1m)	83 dB
Ratio Bl/√Re	0.436 N/√W
Ratio fs/Qts	1547 Hz

Electrical Data

Nominal impedance [Zn]	8 Ω
Minimum impedance [Zmin]	6.8 Ω
Maximum impedance [Zo]	8.10 Ω
DC resistance [Re]	7.61 Ω
Voice coil inductance [Le]	0.036 mH

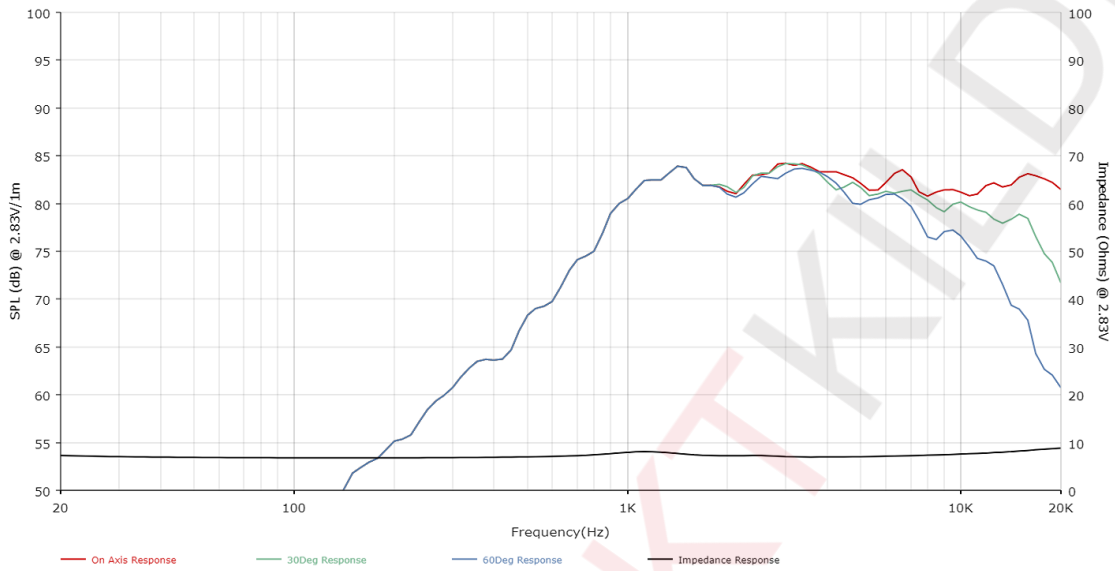
Power Handling

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

Voice Coil & Magnet Data

Voice coil diameter	19.4 mm
Voice coil height	1.7 mm
Voice coil layers	2
Height of gap	2 mm
Linear excursion	± 0.15 mm
Max mech. excursion	± - mm
Unit weight	0.0255 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

