

● *Tweeter model: ASDDL0001-0800*

This compact tweeter features a 8ohm 0.8 inch voice coil, neodymium magnet 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 |

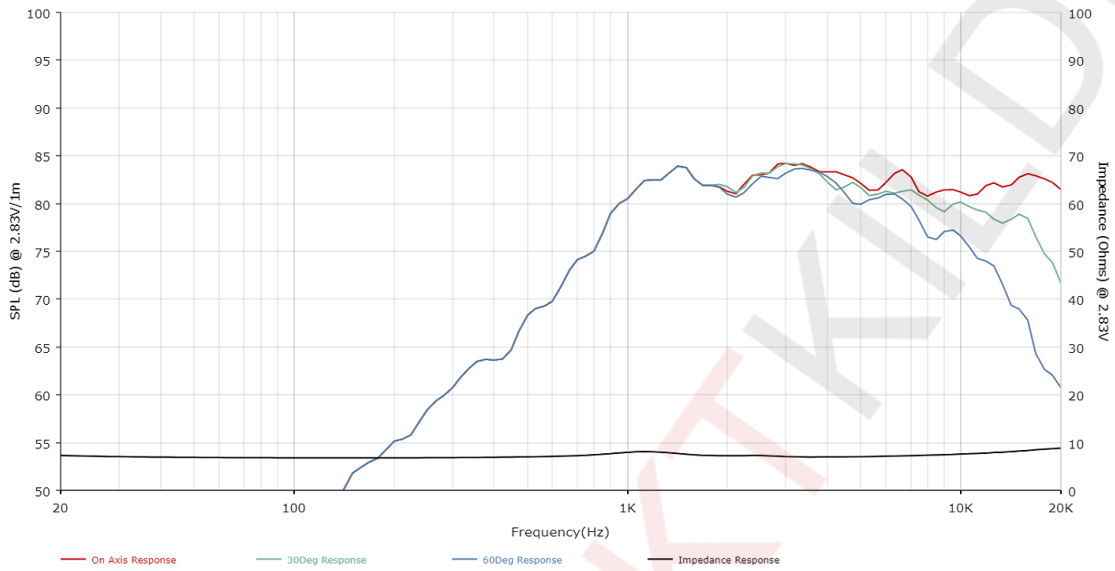
Power Handling

| | |
|--------------------------------|------|
| 100h RMS noise test (IEC 17.1) | 15 W |
| Long-term max power (IEC 17.3) | - 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:

