

● *Midrange model: FSB520807-3600*

This is a 85mm x 40mm 6ohm driver, it is a Midrange features 0.8 inch voice coil with PESVW. In term of suspension system, cone is consisted by Paper Cone body with NBR surround and spider is consisted by Conex. In term of magnetic motor system, magnet is consisted by Neodymium material. It can be used on Soundbar model.

● *Transducer front and side images:*



● *Specifications:*

*T-S Parameters*

Resonance frequency [fs]	186 Hz
Mechanical Q factor [Qms]	5.56
Electrical Q factor [Qes]	1.76
Total Q factor [Qts]	1.34
Force factor [Bl]	3.13 Tm
Mechanical resistance [Rms]	0.55 kg/s
Moving mass [Mms]	2.60 g
Compliance [Cms]	0.28 mm/N
Effective diaph. diameter [D]	77 x 32 mm
Effective piston area [Sd]	19.35 cm <sup>2</sup>
Equivalent volume [Vas]	0.14 l
Sensitivity (2.83V/1m)	80 dB
Ratio Bl/√Re	1.31 N/√W
Ratio fs/Qts	138.7 Hz

*Electrical Data*

Nominal impedance [Zn]	6 Ω
Minimum impedance [Zmin]	5.61 Ω
Maximum impedance [Zo]	16.76 Ω
DC resistance [Re]	5.7 Ω
Voice coil inductance [Le]	0.19 mH

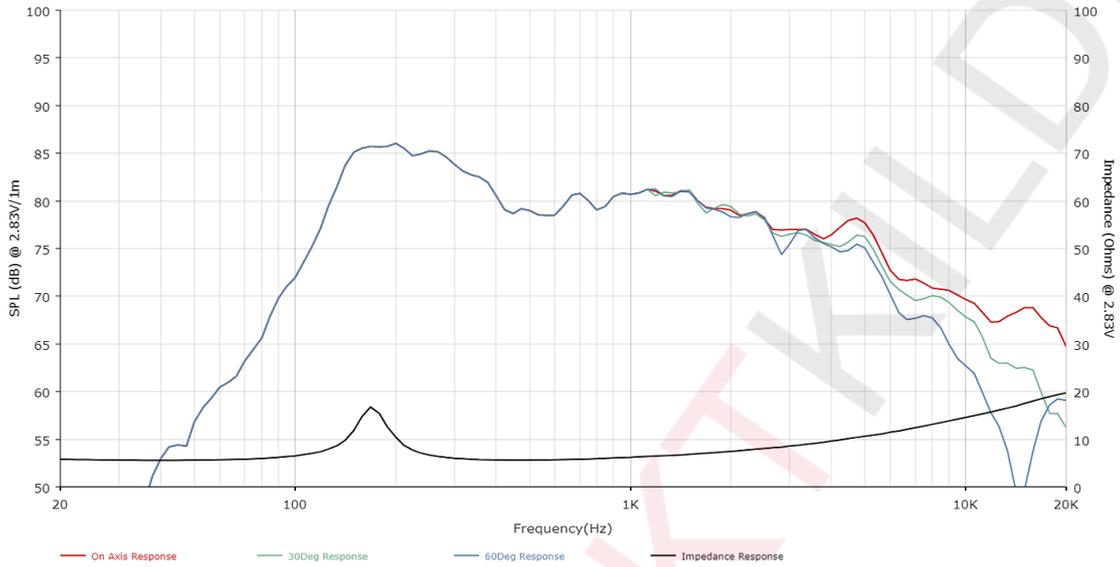
*Power Handling*

100h RMS noise test (IEC 18.4)	8 W
Long-term max power (IEC 18.2)	- W

*Voice Coil & Magnet Data*

Voice coil diameter	16.28 mm
Voice coil height	7.9 mm
Voice coil layers	2
Height of gap	4 mm
Linear excursion	± 1.95 mm
Max mech. excursion	± 3.5 mm
Unit weight	0.113 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

