



Description

The MP-SUFR6325, 2.5 inch, 25-Watt, 4Ω is a ferrite powered full range speaker specially designed for DIY and gaming machine applications. Its small, high build quality and easy installation make it suitable for wide DIY and gaming machine applications. MP-SUFR6325 features aluminium dust cap for low coil inductance and minimal distortion at low frequency. It also features aluminium cone equipped with a special-designed large roll rubber surround to produce dynamic linear response to high excursion input signals. Its rigid steel basket gives it high strength, which ensure its durability and high build quality.

Specifications

T-S Parameters:

Resonance frequency [fs]	: 115Hz
Mechanical Q factor [Qms]	: 2.29
Electrical Q factor [Qes]	: 1.21
Total Q factor [Qts]	: 0.79
Force factor [BI]	: 2.15Tm
Mechanical resistance [Rms]	: 0.48kg/s
Moving mass [Mms]	: 2.03g
Compliance [Cms]	: 0.93mm/N
Effective diaph. diameter [D]	: 53mm
Effective piston area [Sd]	: 22.06cm ²
Equivalent Volume [Vas]	: 0.64L
Sensitivity (2,83V/1m)	: 81dB

Power Handling

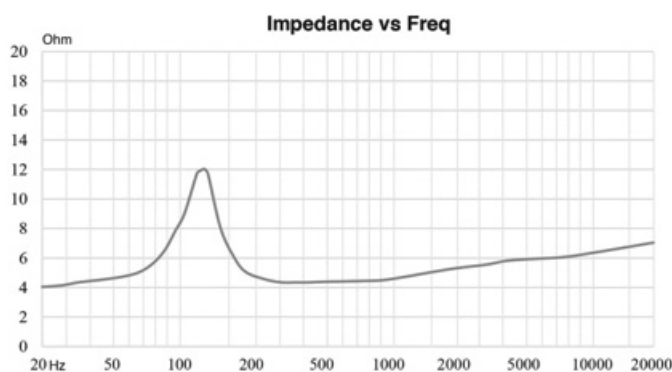
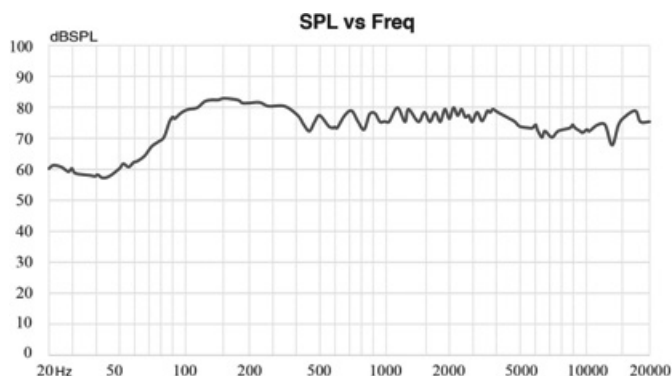
Rated power input (IEC 268-5)	: 25W
Max power input (IEC 268-5)	: 35W

Electrical Data:

Normal impedance [Zn]	: 4.46Ω at 1kHz
Minimum impedance [Zmin]	: 4.03Ω
Maximum impedance [Zo]	: 12.2Ω
DC resistance [Re]	: 3.4Ω
Voice coil inductance [Le]	: 0.5mH at 1kHz

Mechanical Data

Voice coil diameter	: 25.5mm
Voice coil height	: 6mm
Voice coil layer	: 1
Gap height	: 3mm
Linear excursion	: ±1.5mm
Max mech. excursion	: ±2.6mm
Unit weight	: 383g
Driver displacement volume	: 0.06L



Part Number Table

Description	Part Number
Speaker, Ferrite Powered, 2.5", 25W, 4Ω	MP-SUFR6325

Dimensions : Millimetres

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