



Description

The MP- SUFR12025, 5 inch, 25-Watt, 8-Ohm is a ferrite powered full range speaker specially designed for wide DIY, kiosk and gaming machine applications. Its high build quality and easy installation make it suitable for home audio DIY, game machine, ATM, guide machine, self-service equipment, etc. MP-SUFR12025 features dual paper cone which produces extended frequency response. It is also equipped with cloth surround that produces high sensitivity. It is specially optimized for voice band which perfectly matches with kiosk and gaming machine applications. It features four mounting holes on the front frame which makes it easy to install to any cabinet.

Specification

T-S Parameters:

Resonance frequency [fs]	: 100Hz
Mechanical Q factor [Qms]	: 4.62
Electrical Q factor [Qes]	: 1.241
Total Q factor [Qts]	: 0.978
Force factor [Bl]	: 5.553Tm
Mechanical resistance [Rms]	: 1.03kg/s
Moving mass [Mms]	: 7.6g
Compliance [Cms]	: 29.957
Effective diaph. diameter [D]	: 98mm
Effective piston area [Sd]	: 93.31cm ²
Equivalent Volume [Vas]	: 3.704L
Sensitivity (2,83V/1m)	: 87dB

Power Handling

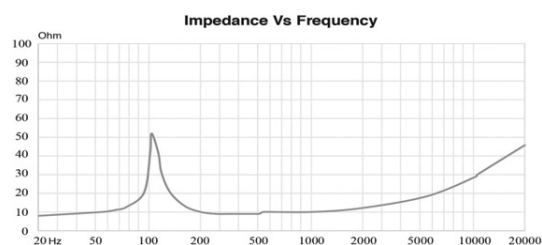
Rated power input (IEC 268-5)	: 25W
Max power input (IEC 268-5)	: 40W

Electrical Data:

Normal impedance [Zn]	: 9.42Ω at 1kHz
Minimum impedance [Zmin]	: 8.65 Ω
Maximum impedance [Zo]	: 41.8Ω
DC resistance [Re]	: 7.86Ω
Voice coil inductance [Le]	: 421μH at 1kHz

Mechanical Data

Voice coil diameter	: 25.5mm
Voice coil height	: 8mm
Voice coil layer	: 1
Gap height	: 3.5mm
Linear excursion	: ±2mm
Max mech. excursion	: ±4.2mm
Unit weight	: 630g
Driver displacement volume	: 0.13L



Part Number Table

Description	Part Number
Speaker, Ferrite Powered, 5", 25W, 8Ω	MP-SUFR12025

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