



## Description

The MP-SUFR7302 70mm × 30mm, 2-Watt, 8Ω is a neodymium powered full range speaker specially designed for DIY and kiosk applications. Its small size, light weight and high build quality make it suitable for wide DIY and kiosk applications. MP-SUFR7302 features paper cone with foam surround for minimal resonance. It is specially designed to have flat mounting flange for easy installation.

## Specifications

### T-S Parameters:

Resonance frequency [fs]	: 300Hz
Mechanical Q factor [Qms]	: 4.66
Electrical Q factor [Qes]	: 6.97
Total Q factor [Qts]	: 2.79
Force factor [Bl]	: 1.2Tm
Mechanical resistance [Rms]	: 0.3kg/s
Moving mass [Mms]	: 0.7g
Compliance [Cms]	: 0.4m/N
Effective diaph. diameter [D]	: 54 × 25mm
Effective piston area [Sd]	: 11.517cm <sup>2</sup>
Equivalent Volume [Vas]	: 0.03L
Sensitivity (2,83V/0.5m)	: 84dB

### Power Handling

Rated power input (IEC 268-5)	: 2W
Max power input (IEC 268-5)	: 5W

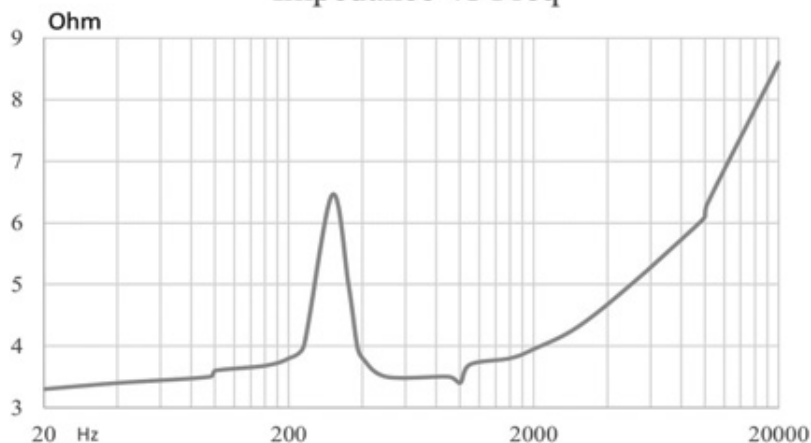
### Electrical Data:

Normal impedance [Zn]	: 7.27Ω at 1kHz
Minimum impedance [Zmin]	: 7.12Ω
Maximum impedance [Zo]	: 14.91Ω
DC resistance [Re]	: 7.17Ω
Voice coil inductance [Le]	: 0.05mH at 1kHz

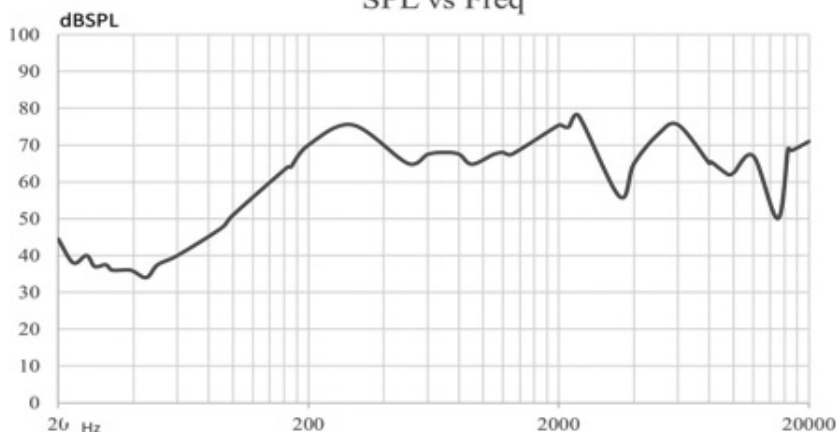
### Mechanical Data

Voice coil diameter	: 12.7mm
Voice coil height	: 3mm
Voice coil layer	: 1
Gap height	: 1mm
Linear excursion	: ±1mm
Max mech. excursion	: ±2mm
Unit weight	: 36g
Driver displacement volume	: 0.004L

Impedance vs Freq



SPL vs Freq



## Part Number Table

Description	Part Number
Speaker, Neodymium Powered, 2W, 8Ω	MP-SUFR7302

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