



Description

The SUFR7010 2.75 inch, 10-Watt, 4Ω is a ferrite powered full range speaker specially designed for wide DIY applications. Its small size, high build quality and easy installation make it suitable for home audio DIY. SUFR7010 features paper cone equipped with specially designed large roll rubber surround to produce a dynamic linear response towards high excursion input signals. It also features four mounting holes on the front frame, which makes it simple to install into any cabinet.

Specifications

T-S Parameters:

Resonance frequency [fs]	: 100Hz
Mechanical Q factor [Qms]	: 2.52
Electrical Q factor [Qes]	: 0.97
Total Q factor [Qts]	: 0.7
Force factor [Bl]	: 2.58Tm
Mechanical resistance [Rms]	: 0.65kg/s
Moving mass [Mms]	: 2.62g
Compliance [Cms]	: 82.52mcm/N
Effective diaph. diameter [D]	: 64mm
Effective piston area [Sd]	: 32.67cm ²
Equivalent Volume [Vas]	: 1.25L
Sensitivity (2,83V/1m)	: 79dB

Power Handling

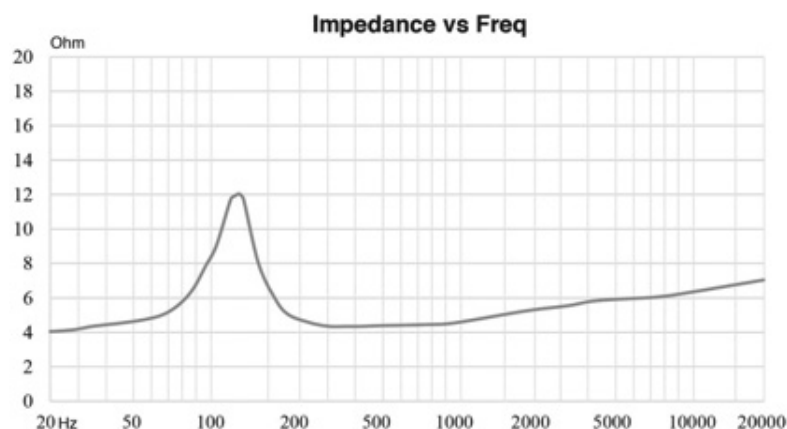
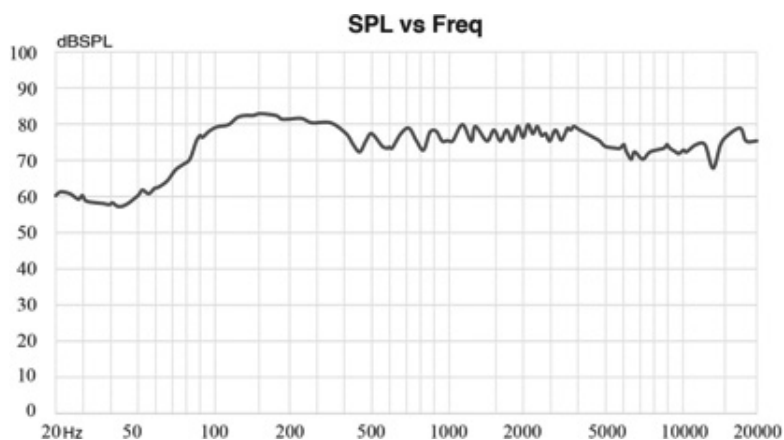
Rated power input (IEC 268-5)	: 10W
Max power input (IEC 268-5)	: 15W

Electrical Data:

Normal impedance [Zn]	: 4.27Ω at 1kHz
Minimum impedance [Zmin]	: 3.9Ω
Maximum impedance [Zo]	: 16.6Ω
DC resistance [Re]	: 3.72Ω
Voice coil inductance [Le]	: 0.18mH at 1kHz

Mechanical Data

Voice coil diameter	: 20.4mm
Voice coil height	: 6mm
Voice coil layer	: 1
Gap height	: 3.5mm
Linear excursion	: ±1mm
Max mech. excursion	: ±3mm
Unit weight	: 286g
Driver displacement volume	: 0.03L



Part Number Table

Description	Part Number
Speaker, Ferrite Powered, 2.75", 10W, 4Ω	MP-SUFR7010

Dimensions : Millimetres

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