



Description

The MP-SUFR8515 80x50mm, 15-Watt, 8Ω is a ferrite powered full range speaker specially designed for DIY and kiosk applications. Its small, lightweight, high build quality and easy installation make it suitable for home DIY, game machine, ATM, self-service equipment, guide machine and so on. MP-SUFR8515 features paper cone with foam surround which produces impressively high sensitivity. Its rigid steel basket gives high strength, which ensures its durability and high build quality.

Specifications

T-S Parameters:

| | |
|-------------------------------|------------------------|
| Resonance frequency [fs] | : 200Hz |
| Mechanical Q factor [Qms] | : 6.55 |
| Electrical Q factor [Qes] | : 1.74 |
| Total Q factor [Qts] | : 1.38 |
| Force factor [Bl] | : 2.74Tm |
| Mechanical resistance [Rms] | : 0.3kg/s |
| Moving mass [Mms] | : 1.34g |
| Compliance [Cms] | : 42.72mcm/N |
| Effective diaph. diameter [D] | : 60 × 32mm |
| Effective piston area [Sd] | : 20.79cm ² |
| Equivalent Volume [Vas] | : 0.26L |
| Sensitivity (2,83V/0.5m) | : 85dB |

Power Handling

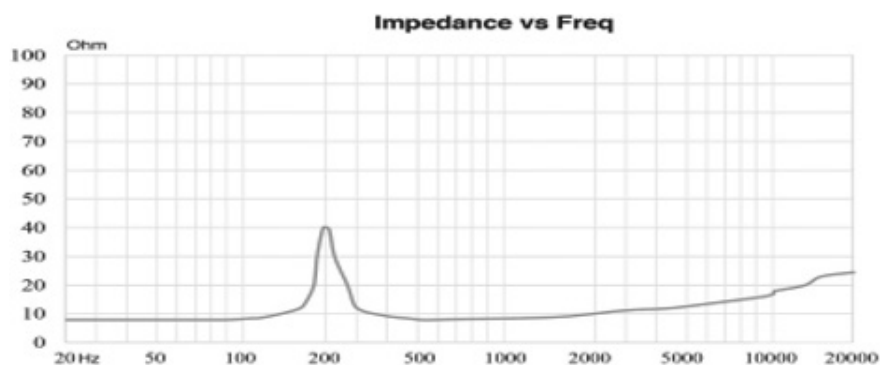
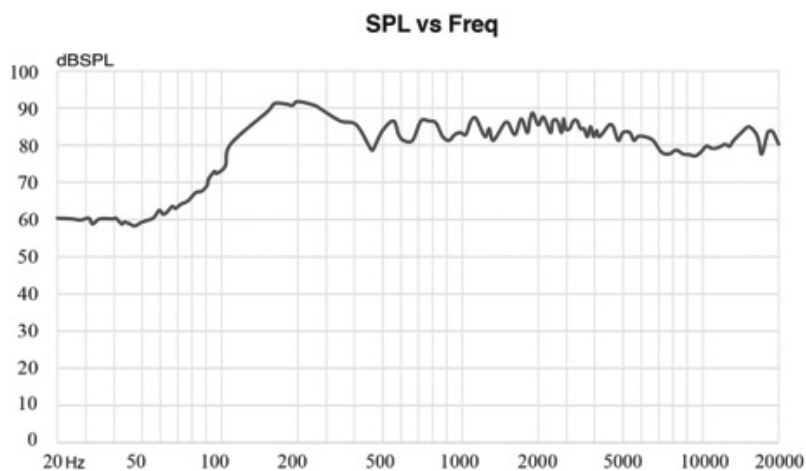
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|-------------------------------|-------|
| Rated power input (IEC 268-5) | : 15W |
| Max power input (IEC 268-5) | : 20W |

Electrical Data:

| | |
|----------------------------|------------------|
| Normal impedance [Zn] | : 9.2Ω at 1kHz |
| Minimum impedance [Zmin] | : 8.8Ω |
| Maximum impedance [Zo] | : 40.2Ω |
| DC resistance [Re] | : 7.4Ω |
| Voice coil inductance [Le] | : 0.14mH at 1kHz |

Mechanical Data

| | |
|----------------------------|-----------|
| Voice coil diameter | : 16.28mm |
| Voice coil height | : 3.5mm |
| Voice coil layer | : 1 |
| Gap height | : 2.5mm |
| Linear excursion | : 1.5mm |
| Max mech. excursion | : 3mm |
| Unit weight | : 275g |
| Driver displacement volume | : 0.03L |



Part Number Table

| Description | Part Number |
|-----------------------------------|-------------|
| Speaker, Ferrite Powered, 15W, 8Ω | MP-SUFR8515 |

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