

Specification Sheet

Model # MX-40-8



MISCO®

Key Features:

- 4" (100mm), 8 ohm
- Extended Range Music and Voice, 40 watts
- Ferrite magnet, titanium electroplated polypropylene cone with rubber surround
- Includes wire mesh grille.

Product Specifications & Parameters

Primary Specifications

| | |
|----------------------|--------|
| Speakers Environment | Indoor |
| RoHS Compliant | No |

Technical Specifications

| | | Units of Measure |
|--|-------------|------------------|
| Nominal Basket Diameter | 4.0 | inch |
| | 100.0 | mm |
| Rated Impedance | 8 | ohms |
| Rated Power | 40.0 | Watts |
| Program Power | 80 | Watts |
| Frequency Range | 100 - 20000 | Hz |
| Sensitivity (2.83 V input measured at 1 Meter) | 87 | dB SPL |
| Voice Coil Diameter | 1.0 / 25.4 | inch / mm |
| Magnet Weight | 10.0 / 284 | oz / gr |
| Transformer | | |

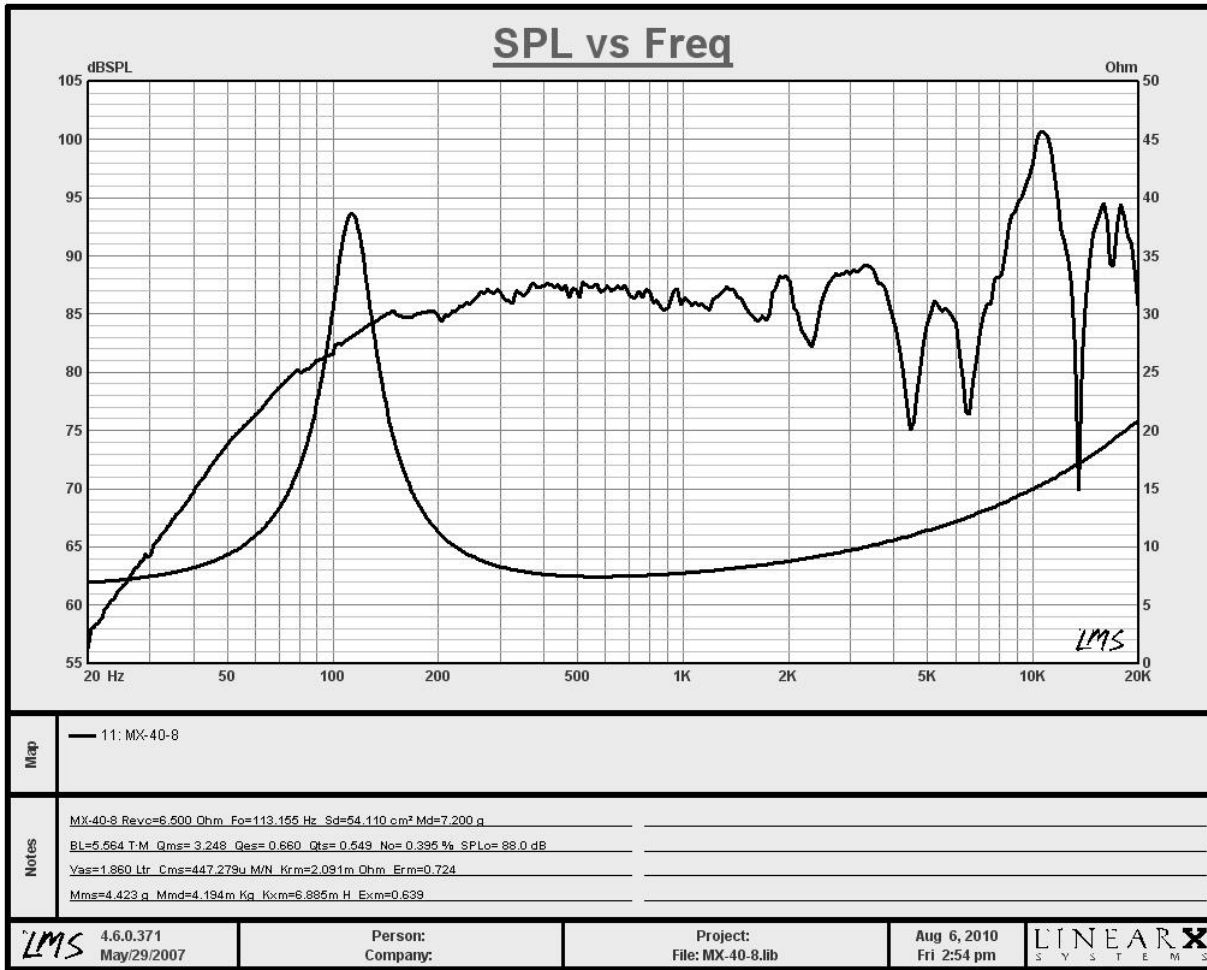
Small Signal Parameters

| | | Units of Measure |
|------------------------------------|------|------------------|
| Resonant Frequency (fo) | 113 | Hz |
| D.C. Resistance (Re) | 6.5 | ohms |
| Mechanical Q (Qms) | 3.2 | |
| Electrical Q (Qes) | 0.66 | |
| Total Q (Qts) | 0.55 | |
| Compliance Equivalent Volume (Vas) | 1.9 | ltr |
| BL Product (BL) | 5.6 | T-M |
| Maximum Linear Excursion (Xmax) | 1.1 | mm |
| Surface Area of Cone (Sd) | 54.0 | cm ² |
| Moving Mass (Mmd) | | g |

Material Descriptions

| | |
|-----------------|--------------------------------------|
| Basket | Stamped Steel |
| Terminal Size | 0.205 X 0.02 |
| Magnet | Ferrite |
| Voice Coil Wire | Copper |
| Voice Coil Form | Aluminum |
| Cone | Titanium Electroplated Polypropylene |
| Cone Edge | Rubber |
| Dust Cap | Felt |

Sensitivity / Frequency



Drawing

| ID | Description | Measurements | Tolerance |
|----|-------------------|--------------|------------|
| Od | Outside Diameter | 4.0 in. | +/- 0.020" |
| CD | Cutout Diameter | 3.7 in. | +/- 0.020" |
| MG | Magnet Diameter | 3.4 in. | +/- 0.050" |
| HD | Hole Diameter | 0.3 in. | +/- 0.010" |
| MD | Mounting Diameter | 4.6 in. | +/- 0.010" |
| ID | Internal Depth | 1.8 in. | +/- 0.025" |
| FT | Flange Thickness | 0.1 in. | +/- 0.050" |
| NW | Net Weight | 766.0 g | |

