

Specification Sheet

Model # JC8GL-4B



MISCO®

Key Features:

- 8" (205 mm), 4 ohm
- Guitar speaker, 15 watts
- Ferrite magnet, felted paper cone;

Product Specifications & Parameters

Primary Specifications

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

Technical Specifications

| | | Units of Measure |
|---|------------|------------------|
| Nominal Basket Diameter | 8.0 | inch |
| | 205.0 | mm |
| Rated Impedance | 4 | ohms |
| Rated Power | 15.0 | Watts |
| Program Power | 30 | Watts |
| Frequency Range | 50-15000 | Hz |
| Sensitivity (2.83 V input measured at 1 Meter) | 98 | dB SPL |
| Voice Coil Diameter | 1.0 / 25.4 | inch / mm |
| Magnet Weight | 10.0 / 284 | oz / gr |
| Transformer | | |

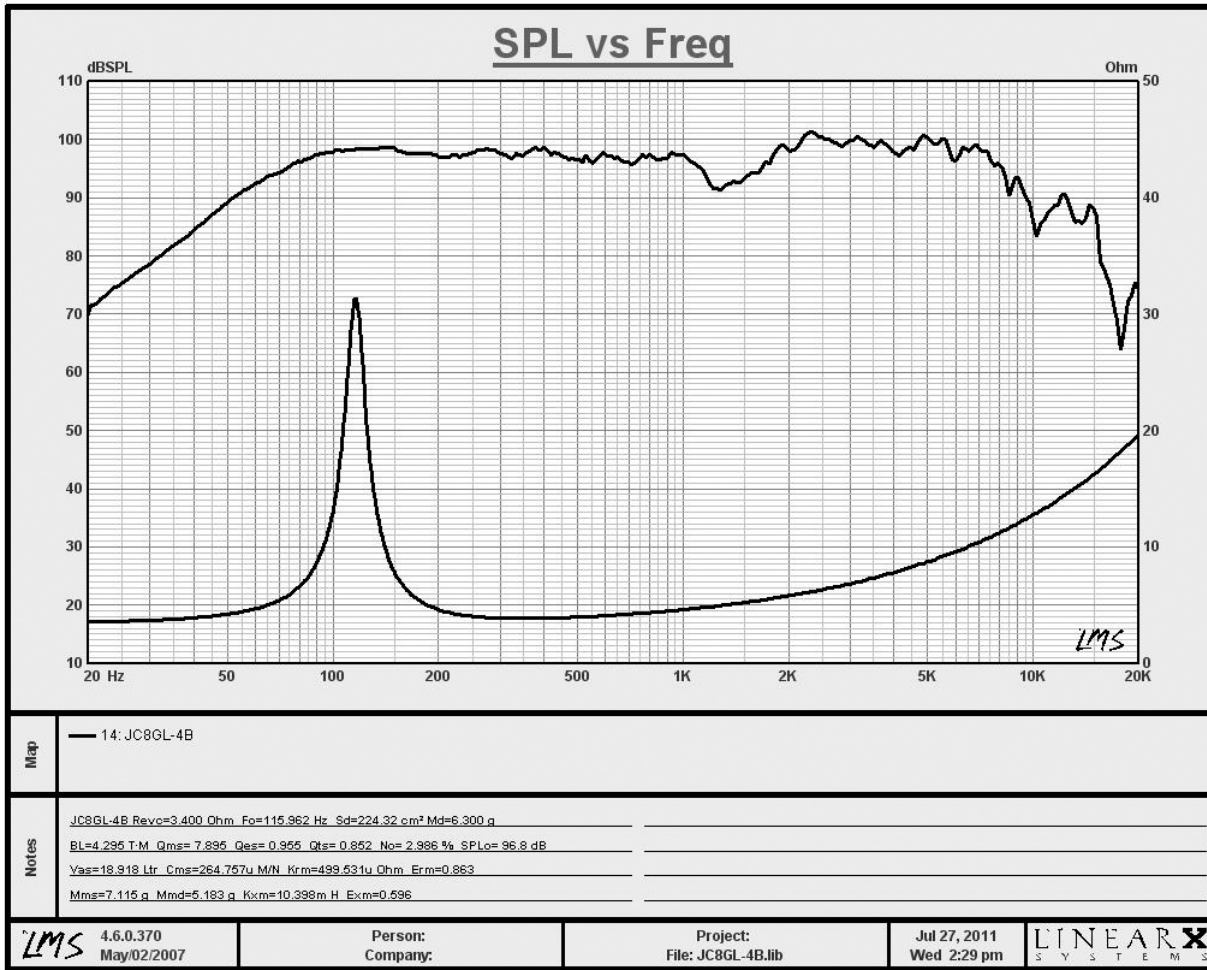
Small Signal Parameters

| | | Units of Measure |
|------------------------------------|-------|------------------|
| Resonant Frequency (fo) | 116 | Hz |
| D.C. Resistance (Re) | 3.5 | ohms |
| Mechanical Q (Qms) | 7.9 | |
| Electrical Q (Qes) | 0.96 | |
| Total Q (Qts) | 0.85 | |
| Compliance Equivalent Volume (Vas) | 18.9 | ltr |
| BL Product (BL) | 4.3 | T-M |
| Maximum Linear Excursion (Xmax) | 0.2 | mm |
| Surface Area of Cone (Sd) | 224.0 | 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 | Nomex |
| Cone | Felted Paper |
| Cone Edge | Paper |
| Dust Cap | Felt |

Sensitivity / Frequency



Drawing

| ID | Description | Measurements | Tolerance |
|----|-------------------|--------------|------------|
| Od | Outside Diameter | 8.1 in. | +/- 0.020" |
| CD | Cutout Diameter | 7.0 in. | +/- 0.020" |
| MG | Magnet Diameter | 3.4 in. | +/- 0.050" |
| HD | Hole Diameter | 0.3 in. | +/- 0.010" |
| MD | Mounting Diameter | 7.7 in. | +/- 0.010" |
| ID | Internal Depth | 2.7 in. | +/- 0.025" |
| FT | Flange Thickness | 0.2 in. | +/- 0.050" |
| NW | Net Weight | 1006.4 g | |

