

Specification Sheet

Model # RA2WP



MISCO®

Key Features:

- 2" (50mm), 8 ohm
- Voice Range, 3 watts
- Alnico magnet, red acrylic treated cloth cone
- RoHS Compliant;

Product Specifications & Parameters

Primary Specifications

| | |
|----------------------|---------|
| Speakers Environment | Outdoor |
| RoHS Compliant | Yes |

Technical Specifications

| | | Units of Measure |
|--|------------|------------------|
| Nominal Basket Diameter | 2.0 | inch |
| | 50.0 | mm |
| Rated Impedance | 8 | ohms |
| Rated Power | 3.0 | Watts |
| Program Power | 6 | Watts |
| Frequency Range | 450 - 4500 | Hz |
| Sensitivity (2.83 V input measured at 1 Meter) | 82 | dB SPL |
| Voice Coil Diameter | 0.7 / 17.8 | inch / mm |
| Magnet Weight | 0.5 / 15 | oz / gr |
| Transformer | | |

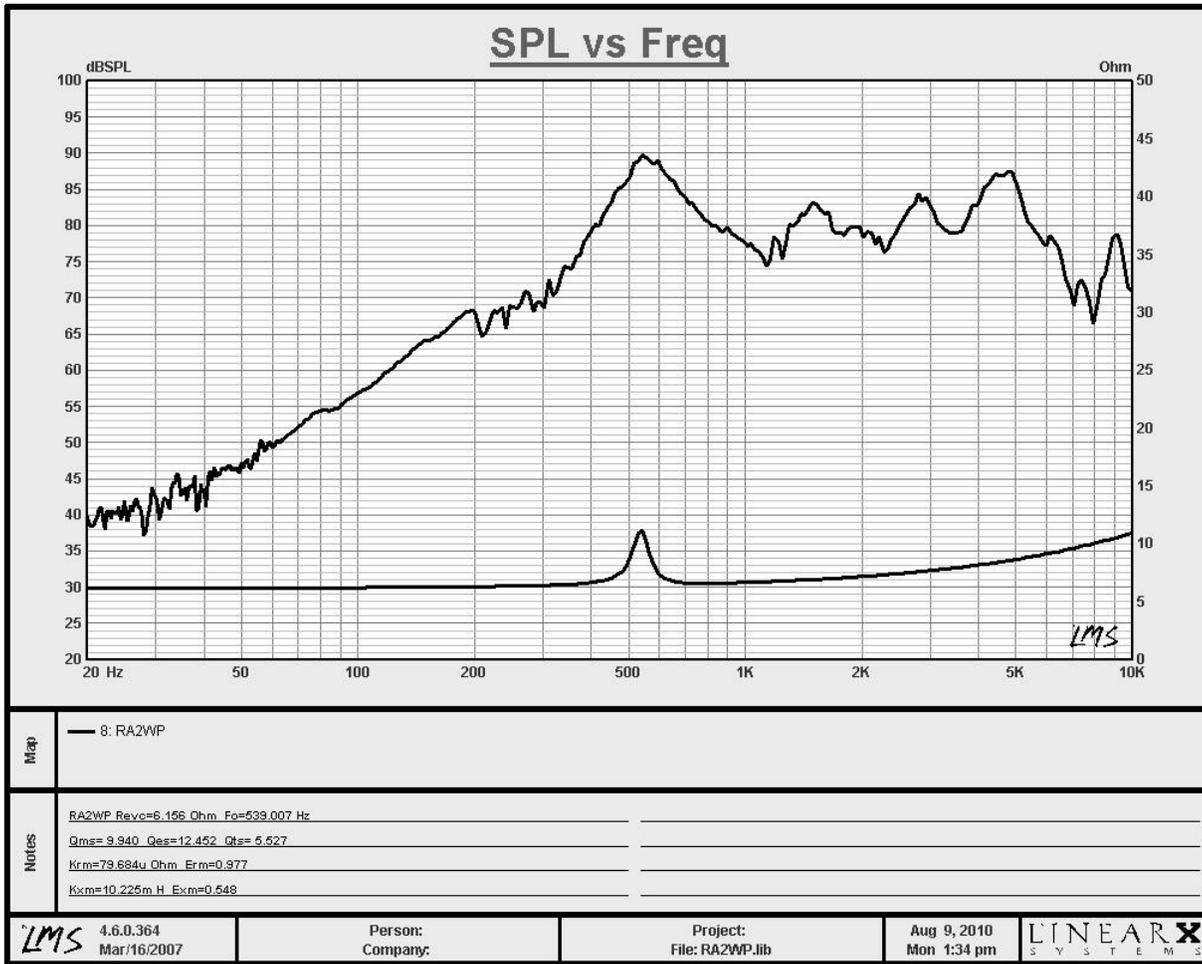
Small Signal Parameters

| | | Units of Measure |
|------------------------------------|-------|------------------|
| Resonant Frequency (fo) | 539 | Hz |
| D.C. Resistance (Re) | 6.0 | ohms |
| Mechanical Q (Qms) | 9.9 | |
| Electrical Q (Qes) | 12.45 | |
| Total Q (Qts) | 5.53 | |
| Compliance Equivalent Volume (Vas) | | ltr |
| BL Product (BL) | | T-M |
| Maximum Linear Excursion (Xmax) | | mm |
| Surface Area of Cone (Sd) | | cm ² |
| Moving Mass (Mmd) | | g |

Material Descriptions

| | |
|-----------------|---------------------------|
| Basket | Stamped Steel |
| Terminal Size | 0.19 X 0.02 |
| Magnet | Alnico |
| Voice Coil Wire | Copper |
| Voice Coil Form | Kapton |
| Cone | Red Acrylic Treated Cloth |
| Cone Edge | Red Acrylic Treated Cloth |
| Dust Cap | Cloth |

Sensitivity / Frequency



Drawing

| ID | Description | Measurements | Tolerance |
|----|-------------------|--------------|------------|
| Od | Outside Diameter | 2.0 in. | +/- 0.020" |
| CD | Cutout Diameter | 1.8 in. | +/- 0.020" |
| MG | Magnet Diameter | 0.9 in. | +/- 0.050" |
| HD | Hole Diameter | 0.15 in. | +/- 0.010" |
| MD | Mounting Diameter | 2.4 in. | +/- 0.010" |
| ID | Internal Depth | 0.8 in. | +/- 0.025" |
| FT | Flange Thickness | 0.08 in. | +/- 0.050" |
| NW | Net Weight | 60.0 g | |

