

A pair of 6 x 9" coaxial speaker with electroplate titanium cones, mounted polycarbonate dome tweeters, and black grilles included for protection and concealment. These Red Line speakers are a great car aftermarket, arcade, or theme park ride audio solution.

- Wide range speakers with coaxially mounted dome tweeter
- 6 x 9" steel basket diameter
- 60 watts, 4 ohm, 89 dB SPL
- 1" copper voice coil, Kapton former
- Ferrite magnet, electroplate titanium cone
- Black grille

MISCO engineers test and analyze the performance of these speakers using the world's most sophisticated loudspeaker measurement systems including the Klippel Analyzer and the Klippel QC, which confirm the final design.



#### Primary Specifications

|  |                  |
|--|------------------|
| <b>Size, Nominal (inch &amp; mm)</b>         | 6" Oval (152 mm) |
| <b>Rated Impedance (<math>\Omega</math>)</b> | 4                |
| <b>Sensitivity (dB SPL) <sup>1</sup></b>     | 89               |
| <b>Frequency Range (Hz)</b>                  | 50 - 20, 000     |
| <b>Resonant Frequency (Fs) (Hz) +/- 15%</b>  | 65               |

### More Specifications

|                                 |                           |
|---------------------------------|---------------------------|
| Application                     | Auto / Motorcycle, Indoor |
| RoHS Compliant                  | No                        |
| DC Resistance (Re) ( $\Omega$ ) | 3.3                       |
| Program Power (W)               | 120                       |

### Small Signal Parameters

|                                      |      |
|--------------------------------------|------|
| Nominal Impedance (Z) ( $\Omega$ )   | 4    |
| DC Resistance (Re) ( $\Omega$ )      | 3.3  |
| Resonant Frequency (Fs) (Hz) +/- 15% | 65   |
| Mechanical Q Factor (Qms)            | 6.6  |
| Electrical Q Factor (Qes)            | 1.17 |
| Total Q Factor (Qts)                 | 0.99 |

### Material Descriptions

|                            |                                      |
|----------------------------|--------------------------------------|
| Basket Type                | Stamped steel                        |
| Terminal Size (mm)         | 0.205 x 0.02                         |
| Voice Coil Diameter (mm)   | 25.4                                 |
| Voice Coil Wire Material   | Copper                               |
| Voice Coil Former Material | Kapton                               |
| Magnet Material            | Ferrite                              |
| Magnet Weight (g)          | 341                                  |
| Cone Body Material         | Titanium electroplated polypropylene |
| Cone Surround Material     | Santoprene rubber                    |
| Dust Cap Material          | Felt                                 |
| Net Weight (kg)            | 1.12                                 |

