

The OK4-T275 is a high compliance 4" driver that is resistant to corrosion and moisture. This model is attached to a 5 watt, 25 & 70 volt transformer, and is ideal for low-level distribution and paging systems looking for superior sound dispersion. A rugged steel frame and a treated cloth cone create reliable sound while remaining environmentally resistance.

- Full range speaker
- 4" (102 mm) steel basket diameter
- 15 watts, 8 ohms, 93 dB SPL
- 5 watt, 25 & 70 volt line matching transformer
- Ferrite magnet, treated cloth cone
- Drill tapped holes (3), #8-32

*Oaktron by MISCO* is a premium line of high performance, ready-to-ship transducers and drivers for a wide variety of applications including high fidelity, arcade, and casino games, automotive, aerospace and many more. From elegantly simple to highly specialized designs for unique and demanding applications, there is an Oaktron loudspeaker perfectly suited for your needs.

MISCO engineers use the world's most sophisticated loudspeaker measurement systems including the Klippel Analyzer to maximize and validate the speaker's design, as well as the Klippel QC module to ensure perfect unit to unit consistency and reliability.



#### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	4" (100 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	8
<b>Continuous Power (W)</b>	15
<b>Sensitivity (dB SPL) <sup>1</sup></b>	93
<b>Frequency Range (Hz)</b>	60 - 20,000
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	129

### More Specifications

<b>Application</b>	Commercial, Indoor, Voice Communications
<b>RoHS Compliant</b>	No
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	7.1
<b>Program Power (W)</b>	30
<b>Continuous Power (W)</b>	15

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	8
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	7.1
<b>Voice Coil Inductance (Le) (mH)</b>	0.2
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	129
<b>Mechanical Q Factor (Qms)</b>	5.52
<b>Electrical Q Factor (Qes)</b>	0.72
<b>Total Q Factor (Qts)</b>	0.64
<b>Moving Mass (Mms) (gm)</b>	3.4
<b>Suspension Compliance (Cms) (mm/N)</b>	0.45
<b>Mechanical Resistance (Rms) (kg/s)</b>	0.5
<b>Surface Area of Diaphragm (Sd) (cm<sup>2</sup>)</b>	58.1
<b>Compliance Equivalent Volume (Vas) (L)</b>	2.14
<b>Motor Force Factor (BL) (T•M)</b>	5.2
<b>Efficiency (<math>\eta_0</math>) (%)</b>	0.61
<b>Efficiency Bandwidth Product (EBP) (Fs/Qes)</b>	179.17

### Material Descriptions

<b>Basket Type</b>	Stamped steel
<b>Terminal Size (mm)</b>	4.8
<b>Voice Coil Diameter (mm)</b>	25.4
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Kraft paper
<b>Magnet Material</b>	Ferrite
<b>Magnet Weight (g)</b>	283.5
<b>Cone Body Material</b>	Treated cloth
<b>Spider Material</b>	Cotton
<b>Dust Cap Material</b>	Paper
<b>Net Weight (kg)</b>	0.99

