

The OK8-T74 is a commercial extended range speaker with an attached 4 watt transformer for paging systems, voice communications, and background music applications. Increase your sound system's high frequency dispersion with this driver's whizzer cone attached directly to the voice coil.

- Extended range speaker with whizzer
- 8" (203 mm) steel basket diameter
- 15 watts, 8 ohm, 90 dB SPL
- 4 watt, 70 volt transformer
- 1" copper voice coil, aluminum former
- Paper cone and whizzer, ferrite magnet



Primary Specifications

| | |
|--|-------------|
| Size, Nominal (inch & mm) | 8" (203 mm) |
| Rated Impedance (Ω) | 8 |
| Continuous Power (W) | 15 |
| Sensitivity (dB SPL) ¹ | 90 |
| Frequency Range (Hz) | 40 - 18,000 |
| Resonant Frequency (Fs) (Hz) +/- 15% | 90 |

More Specifications

| | |
|---|--|
| Application | Commercial, Indoor, Voice Communications |
| RoHS Compliant | No |
| DC Resistance (Re) (Ω) | 7.3 |
| Program Power (W) | 30 |
| Continuous Power (W) | 15 |

Small Signal Parameters

| | |
|--|--------|
| Nominal Impedance (Z) (Ω) | 8 |
| DC Resistance (Re) (Ω) | 7.3 |
| Voice Coil Inductance (Le) (mH) | 0.27 |
| Resonant Frequency (Fs) (Hz) +/- 15% | 90 |
| Mechanical Q Factor (Qms) | 9.28 |
| Electrical Q Factor (Qes) | 0.87 |
| Total Q Factor (Qts) | 0.79 |
| Moving Mass (Mms) (gm) | 7.53 |
| Suspension Compliance (Cms) (mm/N) | 0.39 |
| Mechanical Resistance (Rms) (kg/s) | 0.47 |
| Surface Area of Diaphragm (Sd) (cm²) | 219.0 |
| Compliance Equivalent Volume (Vas) (L) | 15.5 |
| Maximum Linear Excursion (Xmax) (mm) | 1.1 |
| Motor Force Factor (BL) (T•M) | 6.08 |
| Efficiency (η_0) (%) | 2.6 |
| Efficiency Bandwidth Product (EBP) (Fs/Qes) | 103.45 |

Material Descriptions

| | |
|-----------------------------------|-----------------|
| Basket Type | Stamped steel |
| Terminal Size (mm) | 4.8 x 0.5 |
| Voice Coil Diameter (mm) | 25.4 |
| Voice Coil Wire Material | Copper |
| Voice Coil Former Material | Aluminum |
| Magnet Material | Ferrite |
| Magnet Weight (g) | 283.5 |
| Cone Body Material | Paper composite |
| Spider Material | Cotton |
| Dust Cap Material | Paper whizzer |

Net Weight (kg)

0.9

