

The 88082 OEM voice driver is one of the most durable speakers available for outdoor voice communications. It is specially designed for the extreme environmental challenges of mass transit with extreme temperatures and frequent washing. The speaker features a full, polypropylene cone which serves as a complete water barrier. It also has a dual neoprene gasket with a cut-away to allow water to easily drain off the front of the speaker. Electrical connection is made by a 12" wire harness with a full water proof, weather-pack connector.



- Waterproof Temperature proof Voice range speaker
- -67°F (-55°C) to +185°F (+85°C)
- Full Polypropylene cone, neoprene front gasket with EZ drain cut away.
- 5" (127 mm) steel basket diameter
- 15 watts, 8 ohm impedance
- Ferrite magnet, aluminum voice coil
- Attached wire harness with weather-pack connector
- 95 dB SPL

Primary Specifications

| | |
|--|--------------|
| Size, Nominal (inch & mm) | 5" (127 mm) |
| Rated Impedance (Ω) | 7 |
| Sensitivity (dB SPL) ¹ | 90 |
| Frequency Range (Hz) | 400 - 7, 000 |
| Resonant Frequency (Fs) (Hz) | 640 |

More Specifications

| | |
|---------------------------------|---------|
| Application | Outdoor |
| RoHS Compliant | Yes |
| DC Resistance (Re) (Ω) | 6.5 |
| Program Power (W) | 30 |

Small Signal Parameters

| | |
|------------------------------------|------|
| Nominal Impedance (Z) (Ω) | 7 |
| DC Resistance (Re) (Ω) | 6.5 |
| Resonant Frequency (Fs) (Hz) | 640 |
| Total Q Factor (Qts) | 1.50 |

Material Descriptions

| | |
|--------------------------|---------------------------------|
| Basket Type | Stamped Steel with zinc plating |
| Voice Coil Wire Material | Aluminum |
| Magnet Material | Ferrite |
| Cone Body Material | Polypropylene |
| Net Weight (kg) | 0.84 |

