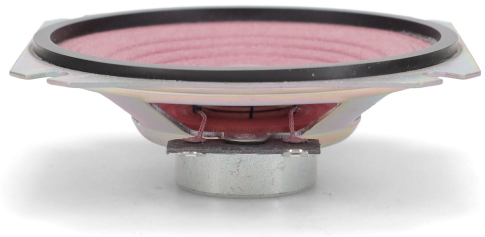
3.5 INCH (89 MM) WATERPROOF VOICE RANGE SPEAKER

PART #: EEN32WP-4A

The EEN32WP-4A creates voice range sound with a neodymium magnet to keep its weight low and its energy output high. Mounting slots and a neoprene gasket keeps mounting simple and reliable. Teardrop terminals allow easy soldering and hook-up to your wire harness. A complete waterproof treatment helps it outlast the elements in a variety of outdoor environments. If you need a quality speaker for the outdoors, choose the EEN32WP-4A.

- Voice Range Speaker
- 3.5 inch (89 mm) Basket Diameter
- 12 Watts, 4 Ohms
- High Energy Neodymium Magnet
- Red Acrylic Treated Cloth Cone
- Neoprene Rubber Sealing Gasket
- Water-Resistant



Primary Specifications

Size, Nominal (inch & mm)	3" (77 mm)
Rated Impedance (Ω)	4
Sensitivity (dB SPL) [1]	84
Frequency Range (Hz)	300 - 8, 500
Resonant Frequency (Fs) (Hz) +/- 15%	450

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More Specifications

Application	Outdoor , Voice Communications
RoHS Compliant	No
DC Resistance (Re) (Ω)	4
Program Power (W)	24

Small Signal Parameters

Nominal Impedance (Z) (Ω)	4
DC Resistance (Re) (Ω)	4
Resonant Frequency (Fs) (Hz) +/- 15%	450
Mechanical Q Factor (Qms)	3.9
Electrical Q Factor (Qes)	1.6
Total Q Factor (Qts)	1.10

Material Descriptions

Basket Type	Stamped Steel
Terminal Size (mm)	4.7 x 0.5 mm
Voice Coil Diameter (mm)	19.4
Voice Coil Wire Material	High Temperature Copper
Voice Coil Former Material	Aluminum
Magnet Material	Neodymium
Magnet Weight (g)	23
Cone Body Material	Acrylic Treated Cloth
Cone Surround Material	Acrylic Treated Cloth
Dust Cap Material	Acrylic Treated Cloth
Net Weight (kg)	0.11



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