



HPG-100N

Rectangular Electronic Siren Loudspeaker 100 Watts @ 11Ω



and control equipment in systems requiring AMECA (Automotive Manufacturer Equipment Compliance Agency, Inc. certification to General Services Administration specifications (KKK-A-1822E)

Specification

Description	Rectangular Electronic Siren Loudspeaker
Finish	Black Driver and Bell
Power Rating	100 Watts RMS
Impedance	11Ω Nominal
Frequency Response	450 - 3800 Hz (±10dB) Nominal
Sound Level (Peak dBA)	111dB* 120dB**
Dispersion	80° x 105° (1 kHz Octave Band)
Dimensions	Black Driver and Bell
Height	5.3" (135mm)
Width	7.47" (190mm)
Depth	6.46" (164mm)
Shipping Weight	7 lbs (3.2 kg)

*Measured at 1 watt, 1 meter. (Ref.: .0002 dynes/cm²)

**Measured at 1400 Hz rated power, 3 meters on axis. (Ref.: .0002 dynes/cm²)

Features

- Field-Replaceable Driver-Head Assembly
- 100 Watts RMS

Applications

The HPG-100N Siren Loudspeaker is utilized for high-powered transmission of electronic siren and voice communications in vehicular applications. It is suitable for installation within light bars, engine compartments, or for mounting in front of the radiator or on the bumper of any ambulance, law enforcement, fire, utility, or other public service vehicle.

General Description

The HPG-100N is rated at 100 watts RMS in electronic siren use and will provide a sound level output of 120 dB (measured on appropriate electronic siren). It is furnished with a one piece, steel mounting bracket and has a field-replaceable driver-head assembly. Field terminations are via 20" (508 mm) 18-gauge, color-coded wire leads. Lead color is RED and BLACK. The RED lead is connected to the #2 positive driver terminal. (Replacement head assembly, Model K-100N, is available for field replacement of Model AS100N).

A patented, heavy-duty, one piece steel mounting bracket (U.S. patent #394,660) permits full axis orientation of the loudspeaker for preferred sound-projection directivity. The projector assembly is manufactured of plastic and finished in black. The driver is finished in black baked epoxy for optimum durability and corrosion protection. Units are shipped complete with all components and installation data for field installation. Replacement head assembly (Model K-100N) or driver assembly (Model SD100N) are available for field replacement.

Note: Product series is suitable for use with matched amplifier

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