



Standard & High-Power Siren Loudspeakers

HPG-100N Atlas Sound siren loudspeaker HPG-100N is a reflex-type loudspeaker with a rectangular molded bell. It is rated at 100 watts RMS in electronic siren use. HPG-100N provides optimum sound level output of 120dBA (measured at 1600Hz, rated power, 3 meters on axis) and features a directed dispersion range of 80° x 105° (1kHz octave band) to assure high-intensity acoustic penetration for electronic siren signals. **Unit contains the patented Atlas Sound AS-100N compression driver complete with a non-fatiguing, self-aligning sound chamber assembly.** These drivers have earned acceptance as the quality and performance standard for 100 watt electronic signal systems in police, fire, ambulance, and utility vehicles throughout the world. A heavy-duty, one piece steel mounting bracket 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 AS-100N) are available for field replacement.

Compression Drivers for Electronic Siren Application

AS Series heavy-duty weatherproof compression drivers are recommended for application in stationary and mobile public address systems, emergency and law enforcement vehicles of all types. Driver is equipped with a 2¾" voice coil having a nominal impedance of 11Ω at rated power. Non-fatiguing phenolic diaphragm is a formed, self-aligning assembly capable of field replacement. AS-100N is a 100 watt driver designed for high-powered signaling applications. It features a non-fatiguing, self-aligning sound chamber assembly and is a standard component of the popular HPG Series siren loudspeaker assemblies unit and will accommodate any horn or reflex projector equipped with standard 1¾"-18 thread. AS-100N is finished in black baked epoxy. Product series is suitable for use with matched control equipment for siren systems requiring AMECA (formerly AAMVA) certification to General Services Administration specification (KKK-A-1822C) or Article 8, Title 13 of the Cal. Admin. Code.

AMECA (Automotive Manufacturers Equipment Compliance Agency, Inc.)

Reflex Tip Assemblies, Bells, Adapters & Replacement Kits

Atlas Sound offers genuine replacement parts to service and maintain the performance of siren loudspeakers. See page xx for more information.



AS-100N

HPG-100N



YDA-TH



K-100N