

LBH-100

Siren Loudspeaker



Features

- Ultra thin solid cast aluminum construction
- Designed for “behind the grille” mounting
- Non-fatiguing, self aligning sound chamber assembly
- Universal mounting bracket included
- Sound output meets Class A, Title 13, KKK, SAI J1849

Applications

AtlasIED siren loudspeakers are designed to provide clear, audible audio transmission mobile vehicle warning system including ambulance, law enforcement, fire, utility, or other public service vehicles.

General Description

This specially designed, weatherproof, electronic speaker is recognized as the quality and performance standard for mobile emergency audible warning systems.

System	
Type	Compression Driver Speaker Siren
Dispersion	80° x 105°
Electrical	
Power Rating	100 Watt
Impedance	11Ω (Nominal)
Frequency Response	450Hz – 3.8kHz (±10dB)
Operational Frequency	750Hz – 2.7Hz
Mechanical	
Product Dimensions (HxWxD)	6.5" x 6.5" x 2.25" (165mm x 165mm x 57mm)
Shipping Dimensions (HxWxD)	7.4" x 7.2" x 6.1" (188mm x 183mm x 155mm)
Net Weight	5.75 lbs (2.61kg)
Shipping Weight	6.10 lbs (2.77kg)
Warranty Coverage	
Warranty Period	5 Years

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Architect & Engineer Specifications

Siren loudspeaker shall be AtlasIED Model LBH-100. Assembly shall be of the reflex type and include an 11 Ω compression driver. Power rating shall be 100 watts RMS with nominal frequency response range of 450Hz – 3.8kHz (\pm 10dB). Dispersion angle shall be 80° x 105° in the 1kHz octave band. Sound level shall be 116dB when measured at 1600Hz rated power at 3 meters (ref: .0002 dynes/cm²). Unit shall be furnished with a steel mounting bracket and have a field-replaceable driver-head assembly. Termination shall be completed via 20" (508 mm) 18-gauge, color-coded leads.

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