



Model 10V OMNIDIRECTIONAL SIREN

- **3,000 foot effective range**
- **Available in single or three phase AC**
- **Horns allow for optimal sound penetration**
- **Durable powder coated finish for long life**



DESCRIPTION

The Model 10V outdoor warning siren is an omni-directional siren capable of producing intense warning signals over a large area. This highly efficient siren produces a single tone sound level of 115dBC at 100 feet on axis while making moderate power source demands. The siren can be easily mounted on any flat surface, roof, or utility pole. The Model PMB pole mount bracket is used to mount this siren on a standard utility poletop.

FEATURES

The Model 10V has a universal motor which operates from either 208/230/460 Volts AC, single or three-phase. The vertical axis siren mechanism is enclosed in a metal housing which is powder coated for the most durable finish available. The motor fan and housing are constructed from non-corrosive cast aluminum. A motor starter is required to operate the siren, while a siren controller is needed to enable the siren to produce the required signals. The Vedette Siren Activation System is recommended for fire department applications, while several other timers are available for weather emergencies and other public warnings. Siren controllers can be configured for local or remote activation, including wireless (radio) control. All outdoor warning equipment is easily installed by any licensed electrician.



AUDIOTECH DIGITAL SIGNAL CORPORATION

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MODEL 10V SIREN SPECIFICATIONS

Outdoor Rating: 115 dBC @ 100' on axis (30.5 m)

Effective Range: 70 dBC @ 3000' (914 m)

(based on a 10 dB loss factor)

Siren Type: Omnidirectional

Tone: Single **Output Frequency:** 460 Hz

SIGNALS AVAILABLE*

Vedette: User-adjustable Wail & Timed Steady
Custom Timing upon request

Required Motor Controls: S7 (3-phase AC); S8 (single phase AC); Add suffix W for weathertight case

Pole Mounting: Model PMB recommended
(See Options)

DIMENSIONS

Height: 56" (1.42 m)

Diameter: 78" (1.98 m)

Max. Mounting Base: 19" sq. (48 cm)

Siren Weight: 325 lbs (147 kg)

Motor Control Weight: 15 lbs (7 kg)

Recommended Mounting Height: 35' - 40' (9-11 m)

POWER REQUIREMENTS

230 VAC, 60 Hz, 47 A, single phase (model 10V-1P)

208/230/460 VAC, 60Hz, 24 A, three phase (model 10V-3P)

Motor can be configured for 50Hz

Power Rating: 10 HP

OPTIONS

PMB Pole Mount Bracket 46 lbs. (21 kg)

no stand is needed for flat surface mounting

* Motor controls are required for operation of the Model 10V siren and must be purchased separately. The Vedette Siren Activation System is sold separately.



Optional Pole Mount Bracket
for 10V series siren (PMB)



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