



Made with the First Responder in Mind

The HotStick AC Voltage Detector provides warning of exposed high voltage AC from a safe distance. The AC HotStick will give early audible and visual warning of the presence of AC voltages without the need to contact the surface which carries the dangerous AC potential. The HotStick will beep and an LED will flash with an increasing rate as the unit is brought closer to the source. The HotStick AC Voltage Detector is made with the First Responder in mind and used in a variety of situations including disaster operations, search & rescue, and power restoration.



ESSENTIAL FEATURES

- Early warning of high voltage AC
- Safe and simple to use
- Exceptionally sensitive
 - Patented circuits give outstanding range
- Affordable, sturdy, reliable
- Portable, battery-powered
- A must for the first responder

SPECIFICATIONS

Typical Detection Distance in meters /(feet) :

Voltage	Frequency	Setup	Mode Switch Setting		
			High Sensitivity	Low Sensitivity	Focused Setting
120 VAC 220 VAC	60 Hz 50 Hz	Single conductor (6' above ground)	4.6m (15')	0.9m (3')	150mm (0.5')
120 VAC 220 VAC	60 Hz 50 Hz	Conductor laying on wet soil	0.9m (3')	150mm (0.5')	25mm (0.1')
7.2 kV 16 kV	60 Hz 50 Hz	Overhead distribution line (single insulator)	65m (210')	21m (70')	6m (20')
46 kV	60 Hz	Overhead transmission line (several insulators)	>150m (>500')	>60m (>200')	>20m (>70')

APPLICATIONS

<p>Urban Search & Rescue:</p> <p>Detection of unknown sources of unshielded and potentially hazardous AC voltages. Verification of proper power disconnect.</p>		<p>Disaster Operations:</p> <p>After earthquakes, wind and ice storms or floods to identify energized wires on roads or structural parts in collapsed buildings and flooded sites. Quick check of extent of power outage.</p>
<p>Fire:</p> <p>Identification of nearby high voltages and dangers from electrical wires during size-up, and after fires, during overhaul and investigations.</p>		<p>Power Restoration:</p> <p>Warning of energized wires hidden by fallen trees or caused by back-feeding from motor generators.</p>
<p>Vehicular Extrication:</p> <p>Identification of nearby high voltages and dangers from electrical wires during size-up, and after fires, during overhaul and investigations.</p>		<p>Industrial:</p> <p>During plant modification or industrial rescue to prove power disconnect, identify alternate sources or ungrounded machinery.</p>
<p>Confined Space Rescue:</p> <p>To verify power shut-off and proper lockout at the entry site and of machinery and equipment posing hazard through accidental activation.</p>		<p>Trench Rescue:</p> <p>Locate potential sources of electrical shock during rescue operations.</p>
<p>Hazmat:</p> <p>Avoid dangers of electrical shock or explosion caused by electrical shorts / arcs.</p>		<p>Law Enforcement:</p> <p>Detect presence of AC voltage, avoid electrical hazards at accident scenes or during search, prisoner detention, and surveillance.</p>



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