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):

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Frequency</th>
<th>Setup</th>
<th>Mode Switch Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>High Sensitivity</td>
</tr>
<tr>
<td>120 VAC</td>
<td>60 Hz</td>
<td>Single conductor (6' above ground)</td>
<td>4.6m (15')</td>
</tr>
<tr>
<td>220 VAC</td>
<td>60 Hz</td>
<td>Single conductor (6' above ground)</td>
<td>4.6m (15')</td>
</tr>
<tr>
<td>120 VAC</td>
<td>60 Hz</td>
<td>Conductor laying on wet soil</td>
<td>0.9m (3')</td>
</tr>
<tr>
<td>220 VAC</td>
<td>60 Hz</td>
<td>Conductor laying on wet soil</td>
<td>0.9m (3')</td>
</tr>
<tr>
<td>7.2 kV 16 kV</td>
<td>60 Hz</td>
<td>Overhead distribution line (single insulator)</td>
<td>65m (210')</td>
</tr>
<tr>
<td>46 kV</td>
<td>60 Hz</td>
<td>Overhead transmission line (several insulators)</td>
<td>&gt;150m (&gt;500')</td>
</tr>
</tbody>
</table>

APPLICATIONS

- **Urban Search & Rescue**: Detection of unknown sources of unshielded and potentially hazardous AC voltages. Verification of proper power disconnect.
- **Fire**: Identification of nearby high voltages and dangers from electrical wires during size-up, and after fires, during overhaul and investigations.
- **Vehicular Extrication**: Identification of nearby high voltages and dangers from electrical wires during size-up, and after fires, during overhaul and investigations.
- **Confined Space Rescue**: To verify power shut-off and proper lockout at the entry site and of machinery and equipment posing hazard through accidental activation.
- **Hazmat**: Avoid dangers of electrical shock or explosion caused by electrical shorts / arcs.
- **Disaster Operations**: 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.
- **Power Restoration**: Warning of energized wires hidden by fallen trees or caused by back-feeding from motor generators.
- **Industrial**: During plant modification or industrial rescue to prove power disconnect, identify alternate sources or ungrounded machinery.
- **Trench Rescue**: Locate potential sources of electrical shock during rescue operations.
- **Law Enforcement**: Detect presence of AC voltage, avoid electrical hazards at accident scenes or during search, prisoner detention, and surveillance.
The Will-Burt Company, headquartered in Orrville, Ohio, USA, is the world’s premier manufacturer of mobile telescoping masts, towers and pan and tilt positioners. We offer virtually every payload elevation and integration solution from the top brands; Will-Burt, GEROH, Integrated Tower Systems (ITS) and MAD – for defense, government, first responders, cellular, broadcast, energy production and other markets. Will-Burt also offers contract manufacturing, metal fabrication, powder-coating, and rapid prototyping services. All Will-Burt Company manufacturing locations are backed by a certified ISO 9001:2015 Quality Management System. Incorporated in 1918, Will-Burt is 100% employee-owned and is classified as a small business.