The Non-Contact Voltage Detector (NCVD) allows a communication technician to test a work location for the presence of potentially hazardous Alternating Current voltages. The NCVD detects the presence of the electric field associated with a live circuit without making contact to the wire or device under test. The NCVD is molded out of insulating thermoplastic material to further reduce the risk of exposure.

The NCVD filters out 20Hz frequencies associated telephone ring signals and high frequency noise >200Hz to greatly minimize false readings.

The NCVD provides an audible alarm if the detected AC voltage exceeds approximately 50V. It also provides a visual indication of the detected voltage using a 10 segment bar graph display.

Optional accessories include a leather tool belt pouch, conductive cap, and coiled ground wire.

**KEY PRODUCT BENEFITS**

- Hazardous voltage detection without requiring contact to device under test
- Insulating thermoplastic housing
- Minimizes false alarms: suppresses high frequency noise and telephone ring signals
- Visual indication of sensed voltage
- Audible alarm for voltage exceeding 50V
- Small size, lightweight
- UL listed to U.S. and Canadian safety standards
- NEBS Compliant for Portable Test and Measurement Equipment
NCVD

SPECIFICATIONS

Technical

Range 0 to >200 VRMS
Voltage Sensing AC only
Detection Frequency 50 to 150 Hz
Display 10 Segment LED Bar Graph, Log Response
Audible Warning >50 VRMS Sensed Voltage, Approximately 75 dba @ 1 Ft.
Size 1.7” x 0.9” x 7.8”
Weight 4.75 Ounces
Battery Type 9 Volt Alkaline*  *not included
Battery Life > 12 hours when idle and bar graph LED not activated

Environmental

Operating -20ºC to 50ºC at 10% to 95% RH, non-condensing
Storage -40ºC to 85ºC at 0 to 100% RH, non-condensing
Standards Compliance cUL Listed

ORDERING INFORMATION

Model # Description
NCVD Non-Contact Voltage Detector
NCVD/NCVDP NCVD with Leather Tool Belt Pouch
NCVD/NCVDPC NCVD with Leather Tool Belt Pouch and Conductive Cap

ACCESSORIES

Model # Description
NCVDP Leather Tool Belt Pouch for NCVD
NCVDC Conductive Cap for NCVD
NCVD-GND40 40’ Retractable Ground Cord