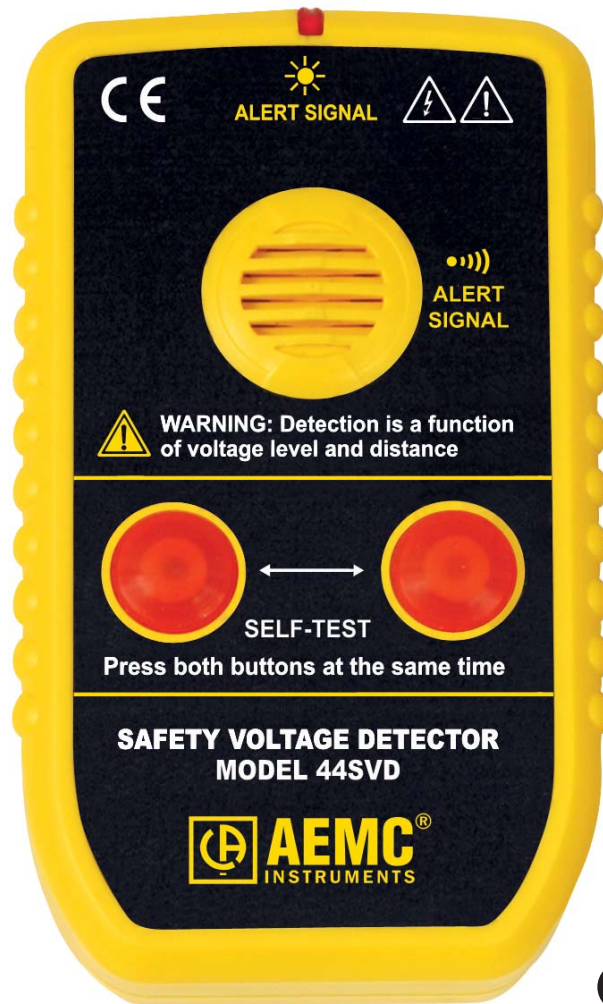


# Personal Safety High Voltage Detector Model 44SVD



The Personal Safety High Voltage Detector Model 44SVD is designed to detect high voltage from 2.5kV and up without physical contact.

As the Model 44SVD is moved closer to the voltage carrying conductor its AC sensor plate picks up the radiated electric field.

The electric field is amplified and processed by the internal circuitry.

Once the processed signal is above the threshold, it triggers the input of an integrated circuit, which turns on both the buzzer and LED.

The buzzer beeps and the LED lights intermittently at a rate of two beeps/flashes per second when high voltage is detected.

The self-test diagnostic is performed by simultaneously

pressing both buttons on the front panel. The battery monitoring is always ON. The buzzer beeps every five seconds when the battery is low.

The rugged pocket sized case has a built-in clip to attach to outer clothing or a belt.

## Features

- Non-contact AC detector
- Sound annunciator (buzzer)
- Bright LED
- Includes a built-in clip to attach to outer clothing or a belt
- Built-in self test to ensure proper operation
- Detects 44kV from up to 30 ft (10m) away
- Never sleeps — stays on for over one year
- IP65 rated

## Applications

- Workers safety
- Emergency services protection (firemen, evacuation personnel, police, etc.)
- Safely identify high voltage source while approaching it
- Check and detect live high voltage cables
- Neon lightning servicing
- Tracing live high voltage AC conductors
- Detecting of residual or induced high voltages

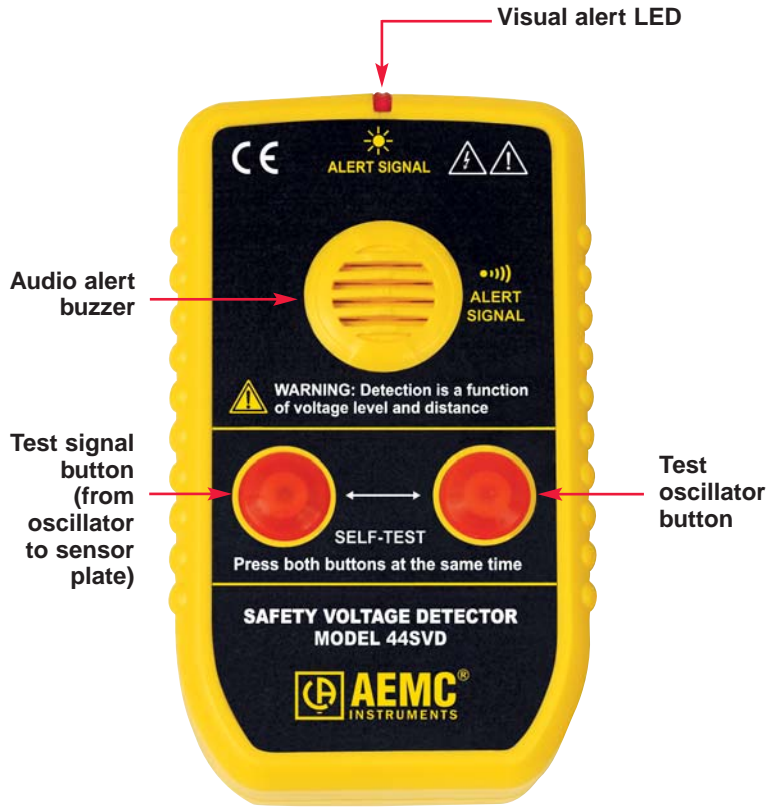


Model 44SVD includes a built-in clip to attach to outer clothing or belt.

## Specifications

MODEL	44SVD
<b>ELECTRICAL</b>	
Detection Frequency	40 to 70Hz
Detection (Voltage detection is distance dependent)	Detects voltage from 240V to 44kV Recommended use above 5kV
<b>MECHANICAL</b>	
Indicators	Flashing LED and audible buzzer
Power Source	9V Alkaline battery provides up to one year of operation
Low Battery Indication	Beeps every five seconds
<b>ENVIRONMENTAL</b>	
Operating Temperature	5° to 130°F (-15° to 55°C)
Storage Temperature	-4° to 150°F (-20° to 65°C)
Humidity	0 to 93% RH @ 104°F (40°C)

# Construction



Model 44SVD includes neck strap, soft carrying case, 9V Alkaline battery and user manual.

## ORDERING INFORMATION

## CATALOG NO.

Personal Safety Voltage Detector Model 44SVD. . . . . Cat. #2131.14

Includes neck strap, soft carrying case, 9V Alkaline battery and user manual

## Contact Us

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