



## Fluke 1AC-II / 1LAC-II VoltAlert

### The pocket-sized voltage detector



The next generation VoltAlert™ AC non-contact voltage testers from Fluke are easy to use — just touch the tip to a terminal strip, outlet, or supply cord. When the tip glows red and the unit beeps, you know there's voltage present. Electricians, maintenance, service, safety personnel, and homeowners can quickly test for energized circuits in the workplace or at home.

Model Name	Description	
Fluke 1AC A1 II	ACV Detector 90-1000V, ENGL/LASPN/CFR Flat-tip	
Fluke 1AC A2 II	ACV Detector 90-1000V, BRPORT/JAP/CHIN-T Round-tip	
Fluke 1AC E1 II	ACV Detector 200-1000V, ENGL/Ger/FREN/DUTCH Round-tip	
Fluke 1AC E2 II	ACV Detector 200-1000V, DANSH/NORW/SWED Round-tip	
Fluke 1AC P1 II	ACV Detector 200-1000V, KOR/THAI/SPANISH Flat-tip	
Fluke 1LAC A II	Low Voltage Detector 20-90 VAC AMERICAS PACIFIC Round-tip	
Fluke 1AC A1 II 5PK	Volt Alert, 5 Pack For USA, ENGL/LASPN/CFR Flat-tip	
Fluke 1AC E1 II 5PK	Volt Alert, 5 Pack For EUROPE, ENGL/SPN/FREN Round-tip	

## 1AC-II/1LAC-II VoltAlert

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### Technical Data

The next generation VoltAlert™ ac voltage testers from Fluke are easy to use—just touch the tip to a terminal strip, outlet, or cord. When the tip glows red and the unit beeps, you know there's voltage in the line. Electricians, maintenance, service, safety personnel, and homeowners can quickly test for energized circuits and defective grounds on the factory floor, in the shop, or at home.

- The 1AC-II continually tests its battery and its circuit integrity with a periodic double flash visual indication using Fluke Voltbeat™ technology.
- The VoltAlert™ Tester (1AC-II and 1LAC-II) is a Category IV – 1000 V overvoltage rated product for added user protection, the highest rated of its kind.
- Voltage detection of 90 V to 1000 V ac or 200 V to 1000 V ac depending on model, as well as a 24 V to 1000 V ac control circuit model.
- It is rugged, reliable, and has a two-year warranty.

### Specifications

#### Operating principle

Senses the steady state electrostatic field produced by ac voltage through insulation without requiring contact to the bare conductor. A red glow at the tip and a beeping noise (if not switched OFF) indicates the presence of voltage.

Note: Does not respond to random electrostatic discharge.

#### Voltage sensing ranges

Nominally, 90 V AC to 1000 V AC or 200 V AC to 1000 V AC depending on model, 45 Hz to 405 Hz; also a 20 V to 90 V control circuit model

#### Detector tip style

Blade or round, depending on model

#### Light source

One high intensity red LED

#### Agency approvals/listings

c CSA us, CE, TUV, C-Tick

#### Safety rating

1000 V, CAT IV

#### IP rating

IP 40

#### Operating temperature range

-10 °C to 50 °C

#### Operating humidity ranges

0 % to 95 % (0 °C to 30 °C)  
0 % to 75 % (30 °C to 40 °C)  
0 % to 45 % (40 °C to 55 °C)

#### Operating altitude

3000 meters

#### Batteries

2 AAA alkaline batteries included



**Related standards and regulations for:**

**Safety**

Europe and ROW: Low voltage directive and related standards as: EN61010 respectively IEC61010 for international requirements

**EMC**

Europe and ROW: EMC directive and related standards as: EN61326 respectively IEC61326 and their subset for ESD. Not all EMC standards are necessary due to no contact to mains voltage.

**Environmental**

Especially in European markets with relations to WEEE and RoHs directive for the used materials and information in the user documentatation (manual)

**Ordering Information**

**Fluke-1AC-A1-II** ACV Detector 90-1000V, ENGL/LASPN/CFR  
Part Number 2432932

**Fluke-1AC-A2-II** ACV Detector 90-1000V, BRPORT/JAP/CHIN-T  
Part # 2432944

**Fluke-1AC-E1-II** ACV Detector 200-1000V, ENGL/GER/FREN/DUTCH  
Part # 2432967

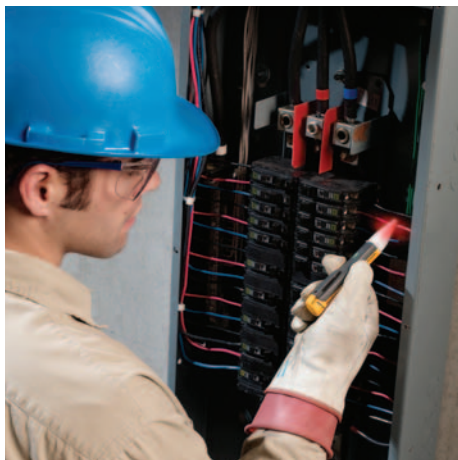
**Fluke-1AC-E2-II** ACV Detector 200-1000V, DANSH/NORW/SWED  
Part # 2432971

**Fluke-1AC-P1-II** ACV Detector 200-1000V, KOR/THAI/SPANISH  
Part #2433000

**Fluke-1LAC-A-II** Low Voltage Detector 20-90 VAC AMERICAS PACIFIC  
Part # 2433021

**FLK-1AC-A1-II-5PK** Volt Alert, 5 Pack For USA  
Part # 2433042

**FLK-1AC-E1-II-5PK** Volt Alert, 5 Pack For EUROPE  
Part # 2433056



Americas version



European version



Low volt version

**Fluke.** *Keeping your world up and running.*