

# Electric Fence DIGITAL VOLTMETER

## Problems

The most common cause of problems with the Voltmeter is flat or poor quality batteries. If your Voltmeter fails to operate, shows no readings, or shows strange symbols on the display, check the battery. If you don't have a battery tester or meter fit a **new** (heavy duty or alkaline) battery and see if the problem disappears.

## Warranty

The Fault Finder is covered by a 1 year warranty against defective parts (excluding batteries) or workmanship. Please see 'For assistance' if you have any problems, return the Fault Finder to JVA along with the warranty slip included with your product, or contact the store of purchase or distributor.

## For assistance

If you have any operational problems, difficulties etc. call our nearest JVA dealer. If a service or repair is required please return it to your nearest JVA Service Centre. Alternatively, return it to your local JVA Distributor listed below. More help is available at the website: [www.jva-fence.com.au](http://www.jva-fence.com.au).

### **Important Notes:**

- To be used for testing electric fences only. Attempting to measure other high voltages could be extremely dangerous.
- The case is waterproof, condensation can appear inside with large changes in temperature or pressure. Open and allow to dry.
- To clean simply wipe with a damp cloth.
- **Do not open the unit or touch the battery while the Digital Voltmeter is connected to an electric fence, you may damage the unit and receive a shock.**
- DO NOT leave a flat battery in the Digital Voltmeter.

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For a complete list of distributors please see [www.jva-fence.com.au](http://www.jva-fence.com.au)



# Instructions

## Overview



### Introduction

The JVA electric fence voltmeter allows you to check that your electric fence is working properly. It measures the peak voltage between the tip and the earth clip. Voltage is displayed in Kilovolts.

### Safety

Risk of electrical shock. Use this only for testing electric fences that are powered by an electric fence energiser which complies with IE-C60335.2.76. Connect the earth first, then the live connection. Remove the earth last.

### How to check your fence

Connect the earth clip to an earthed metal post or earthed wire on the fence. Touch the tip of the voltmeter on the live wire. A reading of 5kV or higher is good, below 3kV usually means that there is a fault on the fence.

### How to check your energiser

Disconnect the energiser live connection from the fence, you may leave the earth connected. Connect the earth clip of the voltmeter to the earth terminal, touch the tip of the voltmeter into the live terminal.

### How to replace the battery

If the battery symbol remains on the display as shown below, the battery must be replaced. Unscrew the 4 large screws from the back of the VOLT-METER, lift the back carefully (the O-ring may stick), then insert the battery into position. Be sure to match '+' to '+' and '-' to '-'. The VOLT-METER uses a standard 9 volt battery.



Battery Symbol