



# JVA ZM1 Electric Fence Monitor

Part No.: PTE0202 (Global)

## Overview:

The JVA ZM1 is designed to be coupled with any standard electric fence energiser<sup>1</sup> to power and monitor an electric fence. The ZM1 brings electric fences into the 21st century. Applications include perimeter security, zoos, sanctuaries and protection of valuable animals such as thoroughbreds. The ZM1 allows you to remotely control your electric fence from:

- Your house using the optional LCD keypad
- Your PC using Perimeter Patrol<sup>2</sup> – with e-mailed alarms
- Anywhere in the world using the internet<sup>3</sup>

## Benefits:

- Start or end of fence monitoring
- Anti-bridging mode – alarms on sudden change in fence load
- Monitors ground voltage, fence voltage and fence current
- Control and program via LCD keypad
- Monitor via PC (using Perimeter Patrol software)
- Remote on/off or Key switch
- Siren and Strobe switched 12V DC outputs
- 3 Form C relays with many programmable functions
- Built in charger and space for a 12V 7.2aH backup battery
- Run from 16Vac or 12Vdc external source

<sup>1</sup> The energiser must comply with IEC60335.2.76 (or similar) safety standard. Maximum energiser power is 36 Joules.

<sup>2</sup> PAE051 or PAE100 serial data adaptor required

<sup>3</sup> PAE212 TCP/IP adaptor required

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## Specifications:

<b>Output</b>	Fence Voltage:	9.9 kV
	Fence Current:	80 Amps
<b>Size</b>	Height:	303 mm
	Width:	223 mm
	Depth:	122 mm
<b>Weight</b>	Product:	1.2 kg (No Battery)
	Product:	3.3 kg (Battery)
	Packed:	3.6 kg (No Battery)

## Package Contents:

- JVA ZM1 Electric Fence Monitor

## Warranty:

3 Year Manufacturer Warranty (excluding lightning damage)

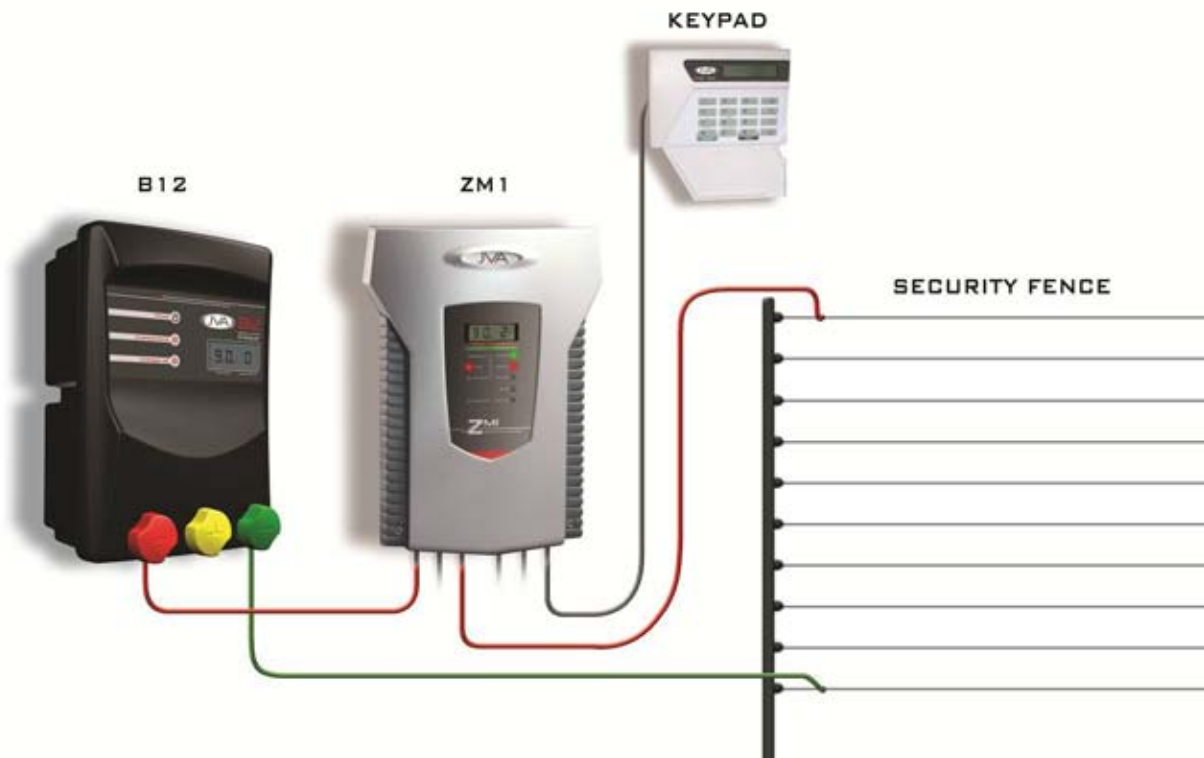




## For more information:

See the Website at: <http://www.jva-fence.com.au>

## Block Diagram:



## Fence Configurations:

- Start of fence monitoring – Monitors the feed voltage and current and detects distant faults using our patented Distant Fault Detection (DFD) TM system.
- End of fence monitoring – Monitors the return voltage
- Start and End of fence monitoring – Monitors the feed voltage, current and return voltage
- Earth loop monitoring – detects if the ground wire in the fence has been cut
- Earth stake monitoring – checks how well the energiser is earthed