

# USER MANUAL

## 1, 2, 3 J Energizer

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### WARNING: READ ALL INSTRUCTIONS

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Tru-Test Limited  
25 Carbine Road  
Mt Wellington  
Auckland 1060  
New Zealand

Postal address:  
P O Box 51078  
Pakuranga  
Manukau 2140  
New Zealand

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### Models covered by this manual

This manual covers various energizer models:

1 J model	1000 / X1 / 401
2 J model	2000 / X2 / 402
3 J model	3000 / X3 / 403

#### Warning!

- USA and Canada - To reduce the risk of electric shock, the energizer's power adaptor has a polarised plug (one blade is wider than the other). This plug will fit in a polarised outlet one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.
- Switch the energizer off before installation or performing any work on the fence.
- Read all the safety considerations carefully. See *Safety considerations* on page 9.
- Check your installation to ensure that it complies with all local safety regulations.
- Do not connect simultaneously to a fence and to any other device such as a cattle trainer or a poultry trainer. Otherwise, lightning striking your fence will be conducted to all other devices.
- Use only the mains/line power adaptor or battery leads supplied with this energizer or a genuine replacement part.

#### Note:

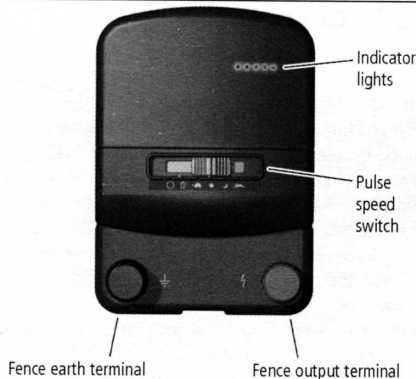
- This product has been designed for use with electric animal fences.
- Keep this manual in a handy location.

## Electric fencing and your energizer

Congratulations on the purchase of your energizer. This product has been constructed using the latest technology and construction techniques. It has been engineered to give superior performance and many years of service.

It is important to read these instructions carefully and thoroughly. They contain important safety information and will assist you in ensuring that your electric fencing system gives maximum performance and reliability.

### Parts of the energizer



### Key to symbols on the energizer



Fence earth terminal. Connect the fence earth terminal to the earth system.



Fence output terminal. Connect the fence output terminal to the fence.



The energizer should be opened or repaired only by qualified personnel in order to reduce the risk of electric shock.



Read full instructions before use.



Product Information: Please recycle this product in accordance with the regulations for your country.

### How does an electric fence work?

An electric fence system comprises an energizer and an insulated fence. The energizer puts very short pulses of electricity onto the fence line. These pulses have a high voltage, but are of very short duration (less than 3/10,000ths of a second). However, a shock from an electric fence pulse is very uncomfortable and animals quickly learn to respect electric fences. An electric fence is not only a physical barrier, but is also a strong psychological barrier.

### What are the benefits of an electric fence?

An electric fence has many benefits over conventional fencing:

- Requires less labour and materials to construct.
- Flexibility to change or add paddocks when required. The use of strip grazing techniques can allow temporary fencing to be quickly and easily erected or removed.
- Controls a broader range of animals.
- Minimises damage to expensive livestock when compared with other fencing mechanisms, for example barbed wire.

### Installation

Read all of the safety instructions in this manual carefully before installing the energizer.

### Selecting a site for the installation

Follow these guidelines when selecting a site for your installation.

Select a site where:

- a good earth can be obtained
- children and animals cannot interfere with the installation
- the installation can be accessed easily

Make sure the energizer is installed:

- adjacent to the electric fence
- preferably in the middle of the electric fence system
- close to a mains/line power outlet (if using a mains/line supply to power the energizer)
- at least 1 m (3') away from and not directly above the battery (if using a battery to power the energizer)

If your installation is outside, also make sure that it is:

- on firm ground away from flooding
- inside a protective fence, if required.

