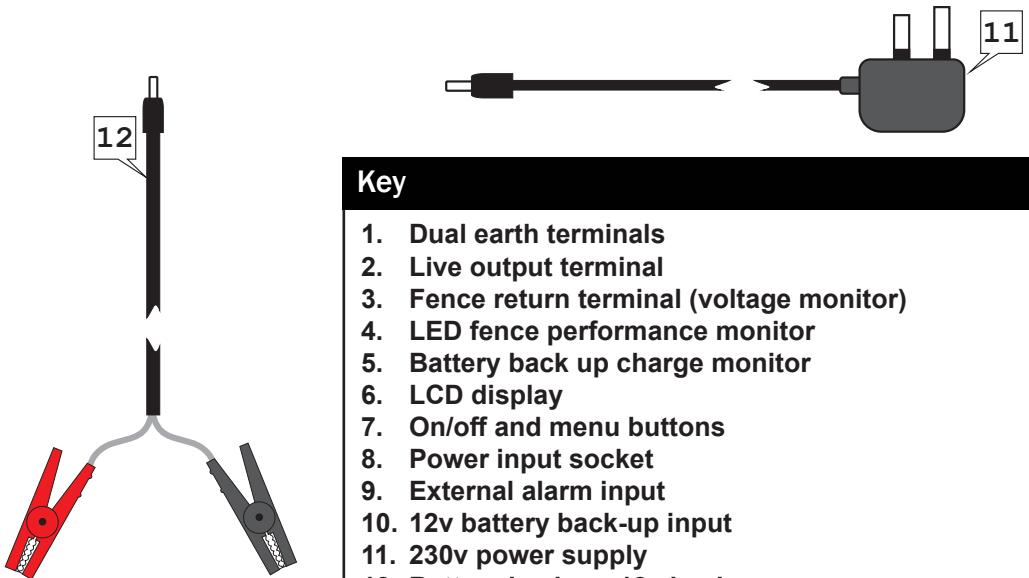
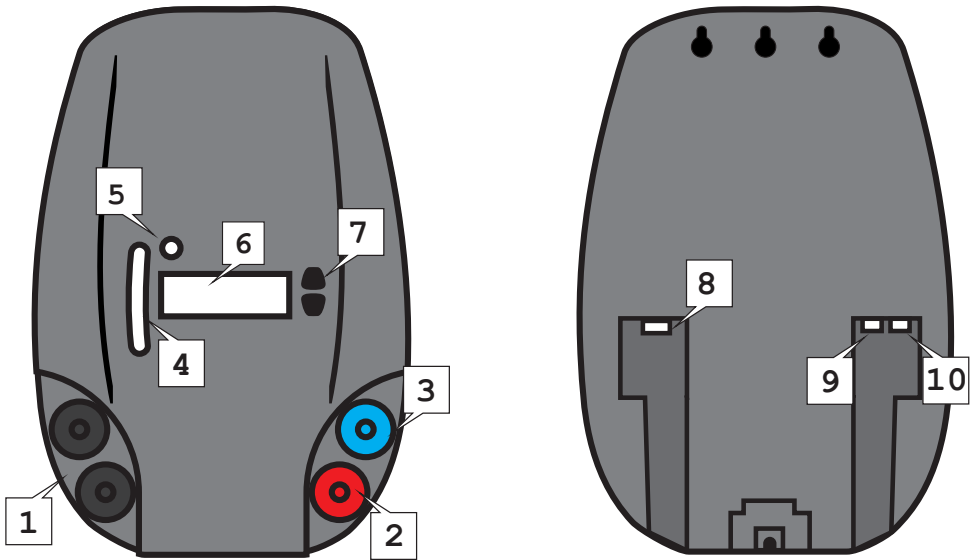


# Installation guide - 47HMI2500



Please read through before installation. Please read safety guidelines booklet.

## What's in the box? Getting to know your energiser



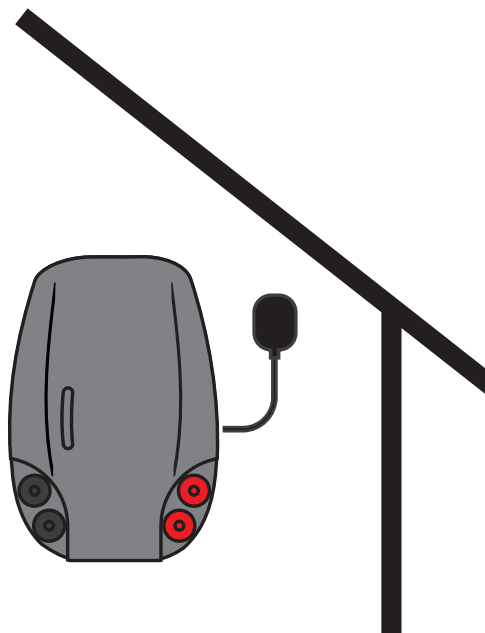
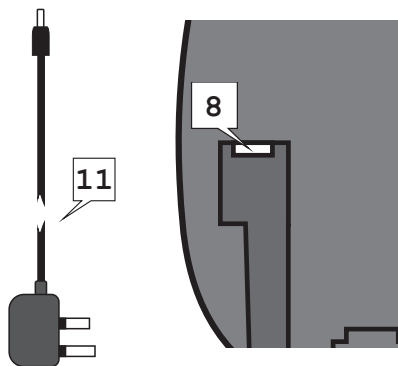
### Key

1. Dual earth terminals
2. Live output terminal
3. Fence return terminal (voltage monitor)
4. LED fence performance monitor
5. Battery back up charge monitor
6. LCD display
7. On/off and menu buttons
8. Power input socket
9. External alarm input
10. 12v battery back-up input
11. 230v power supply
12. Battery back-up 12v leads.

# Connecting it all together

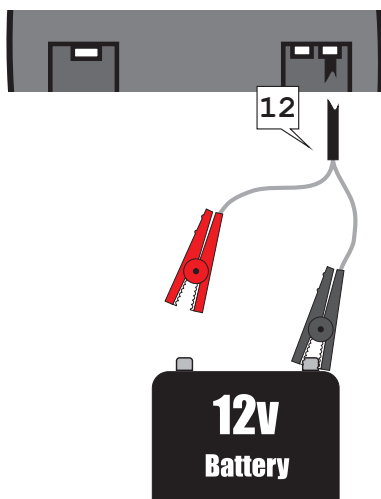
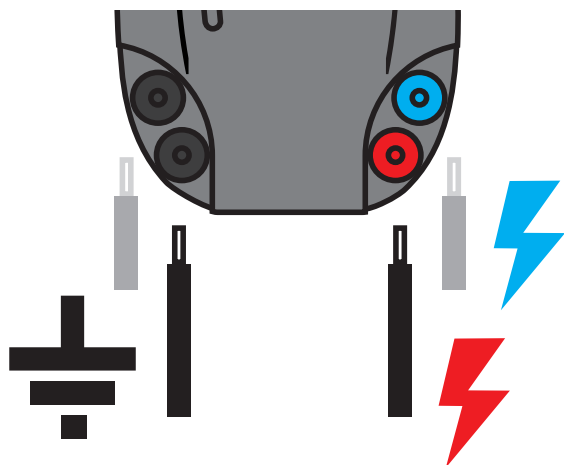
## Input connection

Insert the socket from the the 230v power supply into the power input socket on the rear of the energiser. Mount the energiser on an indoor wall or in a weatherproof location. If using, battery back up leads can also be connected prior to wall mounting. Plug the adaptor into the mains socket which should be turned off until the installation is complete.



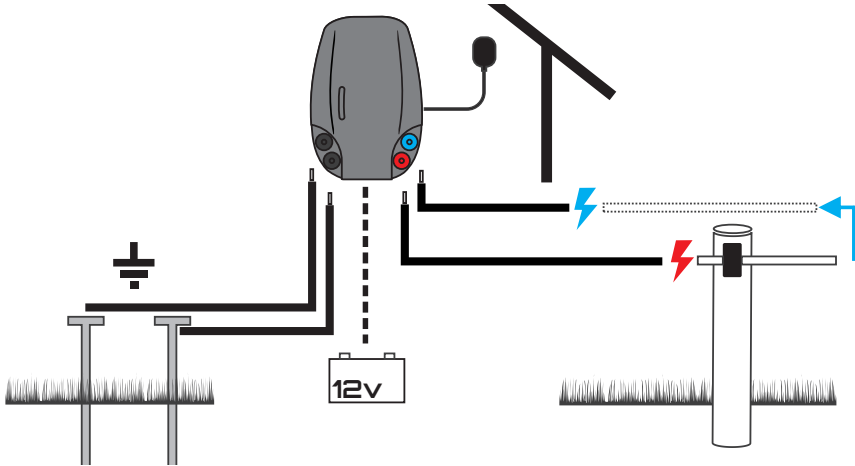
## External connection

Insert sufficient lengths of single core HT lead/under gate cable into the live and earth terminals and tighten securely. You can use either or both of the earth terminals. The blue terminal is for monitoring return voltage and. If using, connect your 12v back up battery to the croc clips on the back up battery. We recommend a 12v leisure battery of minimum 70Ah. Optional external alarm sounder (part. 47SS1) can also be connected.



## Fence connection

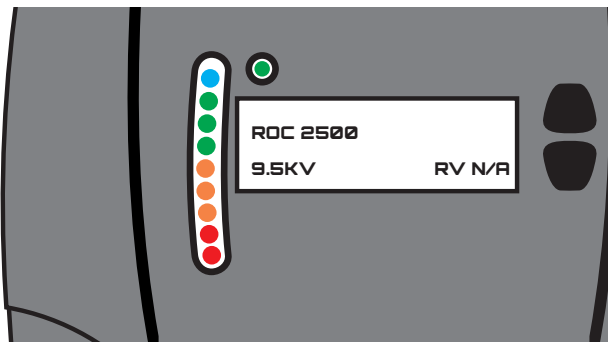
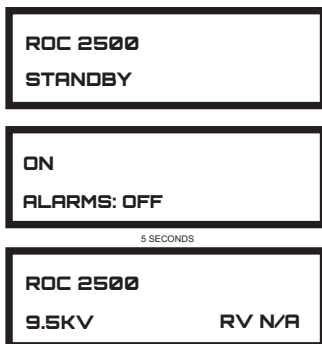
Connect the lead from the live terminal to the fence line using a connector best suited to your type of fence (tape/rope/wire). We recommend a minimum of two earth stakes are used with higher power mains installations. Both earth terminals can be used or a second earth stake can be connected directly to the first earth stake. Earth stakes should be situated at least 10m from a building and preferably at a minimum depth of 1m. The blue fence return terminal can be connected to the



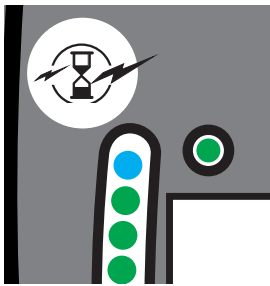
## Turning on

When connected to a power supply the LCD screen will read 'Stand-by'. Pressing the lower button will turn the energiser on. The screen will display 'On' and alarm setting status (LV - Low voltage/FR - Fence return) for a short period, before showing fence voltage (bottom left) and if connected, fence return voltage.

The LED bar will flash in time with the pulse with the colour indicating the level of voltage on the fence. Each light represents approximately 1kv. Red lights indicate the voltage level is below what is deemed to be effective. The single LED on the right will show the charge level of the back up battery, if connected. It will display red if no battery is connected.



# Boost and time delay



If the energiser is not maintaining effective fence voltage in normal power mode, it will enter boost mode. If a sudden load causes a decrease in voltage, boost mode will follow a time delay safety sequence, before entering permanent boost. This will be indicated by the blue LED and internal alarm.

## Time delay sequence



## Setting alarms

There are two alarms - **low voltage** and **return voltage** - each with three voltage levels.

Place the energiser into standby by pressing the bottom button. The top button will cycle through the alarm options, beginning with the three low voltage options followed by the three return voltage options. When the required alarm setting is displayed, press the bottom button to set the alarm and start the energiser. The LCD display will show the alarm settings before reverting to the normal operation screen. Repeat the sequence to set another alarm or change the alarm voltage levels. Alarms will re set if the energiser is disconnected from the power source.

ROC 2500 STANDBY	⬤ ⬢ ⬢
Alarm: LV 2.5KV	⬢ ⬢ ⬤
Alarm: LV 3.5KV	⬢ ⬢ ⬤
Alarm: LV 4.5KV	⬢ ⬢ ⬤
Alarm: LV 4.5KV SET	⬤ ⬢ ⬢
ON ALARM: LV 4.5KV	⬤ ⬤ ⬤
ROC 2500 9.5KV                      RV N/A	⬤ ⬤ ⬤

Register your warranty is to register online at [www.hotline-fencing.co.uk](http://www.hotline-fencing.co.uk) Click on the **warranty tab** and enter the required details.

### Terms and Conditions

The 5 Year Warranty meets energiser repair costs due to electrical or electronic breakdown during the 5-year period. If the energiser develops a fault within the first 12 months we offer a 12 month swap out warranty. For the remaining period of warranty, we will repair the energiser. If the energiser cannot be repaired or is deemed not cost effective to repair, we will offer a replacement. Rechargeable batteries supplied as an integral part of the energiser are covered by a reduced warranty period of 1-year. The product must be registered with Hotline-horizont Ltd or with a dealer authorised to register a product within 28 days of the purchase date. You can register online at [www.hotline-fencing.co.uk](http://www.hotline-fencing.co.uk)

#### What is covered?

All electrical and electronic components of the product that were the manufacturers' original fitment.

#### What is not covered?

Theft, accidental or deliberate damage, misuse, neglect or consequential loss. Wear and tear or gradually developing defects, cracks, flaws, fractures or faults not affecting the operational function of the product. Failure as a result of operational error or incorrect or faulty installation. Failure due to lightning strikes or from flooding. Failure due to the use of non-approved components or accessories or failure to observe the manufacturer's instructions. Any repair, modification, disassembly or parts replacement completed without the prior authority of Hotline-horizont Ltd will render the warranty void.

#### General

The customer MUST register their product with Hotline-horizont or authorised dealer to obtain the guarantee. Proof of original purchase may be required in the event of a claim. The original serial number label must be present on the energiser when returned. The customer shall take all reasonable steps to ensure that the energiser is operated in accordance with the manufacturers' recommendations.

#### Claims Procedure

The customer should retain the original packaging and carton box. If you wish to return the energiser under warranty (or for repairs and service outside of the warranty period), please visit our website to obtain a returns number, or contact us to request a returns number, prior to sending. Clearly write the returns number on the outer packaging to allow us to identify the contents and the action required. Failure to clearly state the returns number may result in a delay in returning your energiser.

Hotline-horizont Ltd  
Roundhead Rd  
Newton Abbot TQ12 6RE  
+44 (0)1626 331188  
sales@hotline-fencing.co.uk  
www.hotline-fencing.co.uk

**Hotline**  
Electric Fencing

