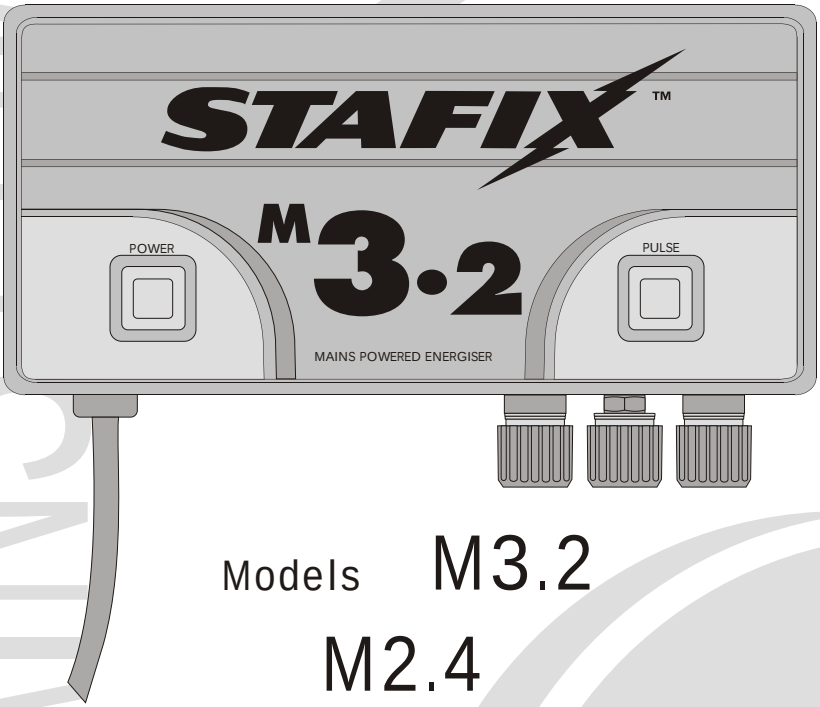
STAFIX™

Line Operated Energiser

Installation and Operating Instructions



Models M3.2

M2.4

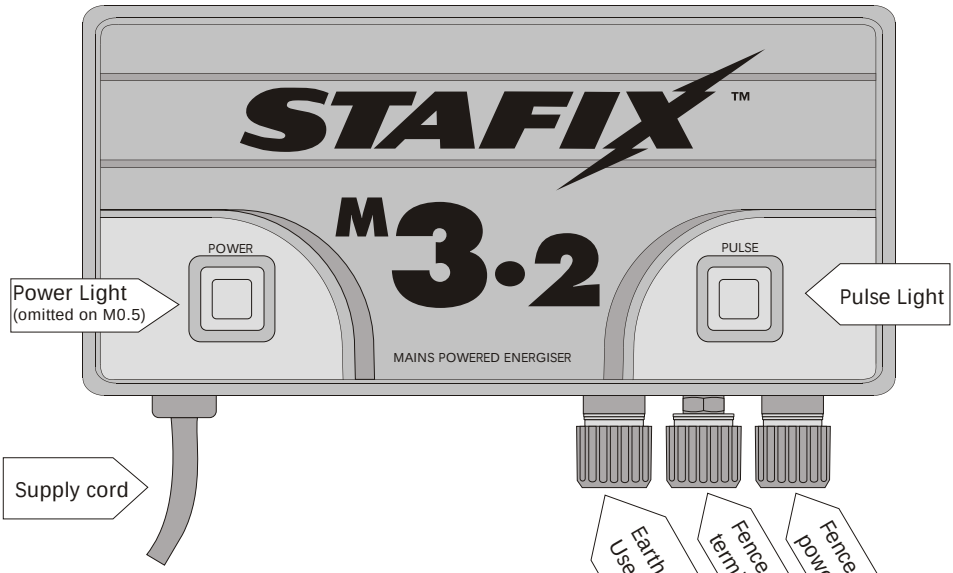
M1.2

M0.5

WARNING: Read all instructions

115 V US

MAINS POWERED



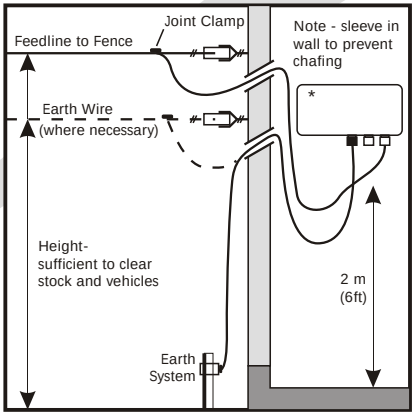
Key to WARNING symbols

To reduce the risk of electric shock do NOT open, refer servicing to qualified Stafix appointed service personnel.

Use only 8-20 AWG wire gauge to connect the fence earth to the energiser earth terminal.

An internal safety fuse is fitted to the energiser that can only be replaced by a Stafix authorized service agent.

Indoor Installation Guide



Build the fence (if required)

To optimise your new energiser's performance, ensure that your fence system is of a high standard, using high quality Stafix accessory products where appropriate.

Install the earthing system

For optimum performance of your energiser a suitable earth system must be installed at least 33 ft (10 m) from other earth systems (ie telephone or line circuits). Ideally Stafix earth rods or Stafix earth kits should be used, but galvanized pipe or steel posts will usually suffice. Earth rods should be driven 6.5 ft (2 m) into the soil and spaced at least 10 ft (3 m) apart. A minimum of two earth rods is recommended.

Attach the energiser to the wall (refer diagram above)

Select a suitable location, indoors or protected from the weather, about 6 ft (2 m) above floor level, out of reach of children and near a 115 volt line outlet .

Using the template supplied, fix two screws into the wall. Hang the energiser on the wall by locating the screws into the keyholes provided on the back of the energiser. When correctly installed, the unit should hang level and be flat against the wall.

Connect the earth and fence

Connect the energiser Earth terminal (green) to your earthing system, preferably using a length of 12.5 gauge (2.5 mm) Stafix underground cable. Connect the fence to the Fence full power terminal (red).

The Fence reduced power terminal (yellow) can be connected to fences where full power is not required (eg. yard, barn or shed fences).

Connect the energiser to the 115 volt line outlet

Warning: To reduce the risk of electric shock, this energiser has a polarized plug (one blade wider than the other). This plug will fit in a polarized outlet only 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.

The Power light (omitted on M0.5) will glow when power is being supplied to the energiser from the 115 volt line outlet.

The Pulse light will flash with each pulse, indicating that there is a pulse at the Fence full power terminal. The Pulse light will get dimmer as fence load increases, indicating that fence maintenance (eg. clearing vegetation from fence) is required.

Important service information

- The energiser contains no user serviceable parts.
- Return to an appointed service agent for repair.
- If the supply cord of this energiser is damaged it must only be replaced by a repair shop appointed by the manufacturer, as special tools are required.
- These energisers use Double Insulation, where two systems of insulation are provided instead of grounding. No equipment grounding means is provided in the supply cord of a double-insulated energiser, nor should a means for equipment grounding be added to the energiser. Servicing a double-insulated energiser requires extreme care and knowledge of the system and should be done only by qualified service personnel. Replacement parts for a double-insulated energiser must be identical to the parts they replace. A double-insulated energiser is marked with the works “DOUBLE INSULATION” or “DOUBLE INSULATED”. The symbol for double insulation ⧈

Safety points and regulations

All energisers must comply with local standard requirements. These requirements may vary from country to country.

In areas prone to bush fires there may be a risk of fire caused by sparking from the fence. In high risk situations, if available, the Fence reduced power terminal (yellow) should be used, or the energiser should be turned off.

Barbed wire should never be used for electric fencing.

Energisers should, if possible be installed inside a building in a position free from the risk of mechanical damage. If mounted outdoors they should be mounted on a substantial structure in a position free from risk of mechanical or environmental damage.

Avoid erecting a fence which runs parallel to or under power lines. Where this is unavoidable the crossing should be underneath the power lines and as near as possible at right angles to the lines.

If an electric fence has to be installed in the vicinity of an overhead power line, the vertical distance between any fence wire or connecting lead and the surface of the earth should not exceed 6.5 ft (2 m).

Fence wiring should be installed so that it is well away from any telephone/telegraph line or radio aerial.

Each energiser should be connected to its own earth system and this should not be connected to any other earth system.

Do not connect more than one energiser to a single electric fence.

Do not connect the energiser simultaneously to a fence and to any other device such as a cattle trainer or poultry trainer, otherwise lightning striking your fence will be conducted to all other devices.

When an electric fence is installed where it might reasonably be expected to be touched by the public then warning signs must be attached. The warning sign must be at least 8" x 4" (200 mm x 100 mm) in size and should be attached at intervals not exceeding 300 ft (90 m).

The sign should display the symbol below or the words "Electric Fence".

Warning signs manufactured to international safety standards for this purpose are readily available from all Stafix distributors.

Electric fence energisers are not intended for use by young children or infirm persons.

Do not allow young children to play with the energiser or the electric fence.

When the energiser is used to supply a system of conductors used for deterring birds from roosting on buildings, no conductor should be connected to earth. A switch should be installed to provide means of isolating the energiser from all poles of the supply and clear warning signs should be fitted at every point where a person may have ready access to the conductors. The notice should bear the words "LIVE WIRES" in block letters not less than ½" (13 mm) high, the letters should be red on a white background and the size of each notice should be not less than 2½" x 2" (62 mm x 50 mm) overall.

STAFIX™

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PLEASE SAVE THESE INSTRUCTIONS FOR FUTURE USE