Alarm-aFence

Intruder Detection | Jacksons Security

Jacksons Fencing
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Jacksons
Quality that lasts
Fencing & Access Solutions

Alarm-aFence used as a security topping on a fence

Cranked Alarm-aFence on timber posts

Alarm-aFence corner join

Features

- 240V 13amp supply (a 450m run consumes less than 40 watts)
- Mains to battery charger, then the battery sends the pulse to the fence once every second.
- The fence can be turned down throughout the day as it would still alarm.
- Alarm can be a klaxon or flashing light.
- Energisers generate 9000 volts and will continue to send out pulses even if it comes into contact with vegetation etc. but at a lower voltage, if the voltage drops below 3000 volts it will signal the alarm.

It can be set with high or low voltages for different times of the day and can be linked into the alarm/modem plus it can be fitted with an auto dialler which will ring a remote number. when alarm activates

- Distance of the energiser to the 1st zone is the length for the cable to the fence line.
- Full height Alarma should be set 100mm behind existing fencing and preferably on a clear fence line and old barbed wire etc. should be removed before installing 600mm above existing fencing.
- Alarma Topping should be a minimum of 600mm .
- The high tension cable runs from the control box to the fence and Zinc Aluminium wire for line which are set at 100mm centres standard but can be set at 50mm centres for high security.

Alarm a Fence

Specifications and Technical Data

The high tension cable runs from the control box to the fence and Zinc Aluminium wire for line which are set at 100mm centres standard but can be set at 50mm centres for high security.

The control box should be placed where it cannot be tampered with and one controller is needed per zone. Larger sites can be split into various zones. Gates can be in the same zone as it can be turned in/out of circuit by keyswitch but probably better to be its own zone.

Note: we recommend "Danger Signs" are used every 8-10m and change in direction along a fence line incorporating security extras capable of causing injury through misuse.

Alarm aFence FAQ

Is the system safe?
YES the pulses created by the energiser, components, system design and installation fully comply with product safety standards IEC60335

What happens if someone accidentally comes into contact with the system?
In accordance with the Code of Practice all systems are designed and installed to minimise the risk of accidental contact, with all ages and infirmity considered. The Impulses give a SHORT, SHARP but SAFE SHOCK.

Is the fencing system legal?
Yes. the system is legal because the design complies with the international regulations.

Is the system prone to false alarms in adverse weather?
NO, unlike other perimeter systems technology and signal processing ignores these forms of interference.

How does the system not generate a false alarm if an intruder or animal touches the wires?
Anyone who touches the system, when it is armed, is repelled by a short,sharp, painful but regulated safe electric shock. Only if someone attacks, tries to climb through or tampers with the system, are alarms generated.

What happens if someone cuts the wires?
There is a tamper circuit that will trigger an alarm.

What happens if the mains power fails to the system?
All our systems have standby power supplies. In the event of mains failure rechargeable batteries power the system for a minimum of 10 hours. If a longer period is required the size of standby power supplied can be increased.

What are the running costs for Alarm aFence?
The cost to run the system is the equivalent of 50w light bulb running, so negligible.

Can gates be fitted with Alarm aFence?
Yes, all gates can be fitted, sliding or swing.

Is it possible for the Alarm aFence to be monitored without the high voltage feature?
Yes, Alarm aFence monitors at both high and low voltage.

Can Alarm aFence be interfaced with other alarm systems, such as sirens or diallers to call the police?
Yes, there are outputs for use for this and many other applications.

What happens if there is a very large site?
Create different zones with an energizer on each zone so that you can clearly understand and know what partof the site is being attacked

What maintenance is required?
We recommend a minimum of two routine maintenance inspections per year to ensure optimum system performance and reliability. We recommend that the operator inspects the fence line weekly and keeps it clear of vegetation, weeds and litter.

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