

DRIVEWAY INTRUDER

ALARM KIT

With heating to reduce condensation



An active Infrared beam device to give warning of the arrival of a visitor on your property, and which can also be used to trigger a warning siren or floodlights for your own convenience.

The Infrared beam consists of a sender and a receiver, which are mounted on either side of the drive. Both are normally connected to the Control box, which provides 12V power for the system, and contains a buzzer and timing circuits for external functions. It is plugged into the 240V mains in the house.

The Control box has integral 13A plug pins, and contains an adjustable period Buzzer, a Delay timer, and an ON timer with a 10A relay. It can support 2 separate beams, and two extra Buzzers. Each beam comes with 100M of cable (Recommended Maximum Cable 500M.) and 2 stainless steel mounting brackets. One knob is used to adjust the On time of the buzzer, (1 second - 1 minute), and a further Two knobs adjust the relay Delay and On time. By this means any external function is delayed, to prevent the beam position from being marked by a prospective intruder. Similarly the boxes are best mounted IN rather than ON mounting posts, in order to hide their position. Hollow posts can be made by nailing four boards together.

The optimum height for mounting the device is 0.9M (1 yard), this allows small animals to pass below, but is below the window in a car door. There is a 1/10 second delay in the beam to allow a bird to pass through without causing false triggering

No special tools are required to set up the beam, which is aided by a red indicator which shows when the beam is absent or broken. It can be fitted by a competent handy person with the instructions supplied.

Sutcliffe Electronics do not produce a reflector model with sender and receiver, on one side of the drive, and a target on the other, since they are much more prone to false alarms, and can be easily bypassed.

OPTIONS AVAILABLE

- 1) 10M, 20M, or 40M Continuous beam units (Maximum distance between sender and receiver)
- 2) Separate power supply module for sender, for where it is more convenient to run the sender from another place.
- 3) Extra Function Timer Modules (See separate sheet)
- 4) Changeover photocell unit, making it possible to have different external functions day and night. Used in conjunction with (3) above.
- 5) Special 12V systems, for where mains is not available, or it is a requirement that the system runs off an alarm panel.
- 6) Extra cable in 100M rolls
- 7) Extra buzzers.
- 8) Sirens to provide external warning.
- 9) Systems are manufactured to order, and can be modified to suit. Please ring to discuss your requirements

SUMMARY

- 1) Infra red active beam (not passive IR.). Consisting of separate receivers and senders, in pairs.
- 2) Weatherproof, designed for external use.
- 3) Relay switch, with isolated contacts for external functions.
- 4) Integral warning buzzer in control box, with knob to adjust time. Plus provision to power 2 extra buzzers.
- 5) Runs 24 hours a day.
- 6) Heating components to reduce condensation.
- 7) Units run at a nominal 12V. No danger if cable is damaged.
- 8) Two complete beams, or four receivers only, can be fitted to one control box.
- 9) 500 metres of cable can be used with each beam (Maximum loop resistance 60 ohms).
- 10) Both ends of the beam need power.
- 11) Integral delay timer for external alarms etc. The delay prevents the beam position being noted. For instance a 30 second delay followed by 10 seconds blast on a siren.
- 12) Buzzer and Siren reset automatically.
- 13) Stainless steel mounting brackets
- 14) Can be used as part of a larger system.
- 15) Easy to fit by the competent DIY person.
- 16) A preventative deterrent as well as an automatic door bell for the drive.

DIMENSIONS

Sender and Receiver boxes:-

7.5 X 10.5 X 5 cm with a 5 cm lens hood. (slightly smaller than 1/2 a brick)

Control box:- 14 X 9 X 4 cm Adapter style with 13A plug pins on the back.

(about the size of a double socket)

Beam:- 12V nominal

Relay:- 10A 250V AC Resistive load, isolated contacts.

Manufactured by
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Entrance/Exit siren isolation timer

A special 12 Volt timer which is added into the siren cable, to give temporary entrance/exit isolation. When the button is pressed, the timer prevents the siren from working for approximately ten minutes. This can be reduced by adjusting an internal preset.

Specification

The module consists of a relay and timer circuit, with an adjustable off period.

Press button to trigger in the front of the box.

Extra buttons or key switches can be added for remote triggering.

The timer is adjustable from approximately :-1 sec to 10 mins

Power input :- 12V Dc from siren power supply

Housing :- Black plastic (ABS) box 105 X 73 X 50 mm

Function Delay Timer Module TM 110105

This device was developed to meet requests for extra functions on the Sutcliffe ‘ DRIVEWAY INTRUDER ALARM ’ and can be used amongst other ways:-

- 1) To add a lighting function to the standard system. A Photocell switch or time clock would also be required.
- 2) To switch one light from another with an integral delay, making it seem that an intruder has been heard.
- 3) A press button timer for lights in stair wells, outside lights etc.

Though the module is designed to complement the Sutcliffe Driveway Intruder Alarm, it is a stand alone item and be easily interfaced with other devices.

Specification.

The module consists of a relay and two timer circuits. The first of which gives an adjustable delay, and the second an adjustable on period.

The timers are adjustable with small preset controls and jumper links.

approximately :- 1 sec to 2 mins or 2 mins to 4 mins Delay (Link/No link)
1 sec to 5 mins or 5 mins to 10 mins On. (Link/No link)

Power input 240V Ac

Relay contacts 240V Ac 10A Resistive single pole change over. Contacts isolated from mains input.

Trigger Input Opto Isolated 12V Dc

The device is also triggered when initially connected to the 240V mains supply, to give one off timing, reset by switching off, or retriggered by the trigger input.

Housing Black plastic (ABS) box 105 X 73 X 50 Mm

COMMANDO MK1

Gun Shot Alarm

Despite the continuing division of opinions about guns, an intruder alarm that creates the sound of a gun shot can be a useful deterrent. This alarm first appeared on the market in September 1995, and following its appearance on national and regional television, has received a great deal of interest Nationwide and in Europe.

The **COMMANDO MK1** gives a one-off bang of about 120 decibels, using a 9mm blank cartridge, similar to those used in a starting pistol. This very loud bang gives warning of an intruder's presence. No intruder is happy if his presence is known,

The **COMMANDO MK1** can be placed virtually anywhere: it requires no permanent fixing, and does not require batteries or power source. It is set off by a simple pull-wire which operates a unique trigger system which is positive and eliminates misfire.

It is ideal as a deterrent at attended and unattended premises. It can guard up-and-over as well as ordinary doors and windows of domestic and commercial premises, as well as caravans, sheds, lorries, trailers, cars, motorbikes, farm equipment, garden tractors and mowers, construction plant etc.

It can also protect outside areas. A tripwire can be positioned across an opening, the entrance of a dutch barn, or the middle of a yard. As an added bonus, it can even be used to summon assistance by lost or injured rambblers.

The police for Neighbourhood Watch, and Trading Standards have carried out their own reviews of the device, with no adverse comments.

Dimensions --- 135mm X 20mm diameter. 225g weight
Comes complete with 5 blanks and 7.5m of fine wire trace.



Telescopic Hitch Post

It is well known that even if wheel clamps, and a hitch lock have been fitted, the thief still seems to be able to tow a trailer away. One way to protect this valuable asset is to lock it to the ground.

The Telescopic Hitch Post, consists of an outer steel tube, 800 mm in length, and an inner telescopic tube of 5 mm wall thickness, which is designed such that it cannot be removed, and is topped with a 50 mm tow ball. The outer tube is sunk into the ground, flush, and concreted to make it permanent. Since it cannot be dismantled once it is fixed in the ground, there is nothing to get lost. Ideal extra protection on your drive or caravan / trailer storage facility.

In use, the trailer is positioned over the ball, and unhitched from the towing vehicle. The post is then raised, the tow hitch fixed to the ball, and locked on with your standard hitch lock. It is then impossible to tow away the trailer without taking time to destroy the hitch lock, or by cutting through the steel tube. The tube can be held up by inserting a steel pin, but can also be locked up with a long hasp padlock.

The Telescopic Hitch Post takes time and tools for the thief to overcome. Your expensive trailer cannot be towed away by just winding a chain round the locked hitch and dragging the wheel clamps until they fall off, or up onto a low loader with them still on. We would still recommend that other security is fitted on your site to give advanced warning that there is an unwanted visitor, about to cause you a loss. For prices and supply, please contact us.

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FENCESENSE

Stock-fencing monitor



A device to give warning that your electric stock fence is not functioning correctly. Once the voltage in an electric fence has dropped to about 3000V or below, it is rapidly reaching the point when it is no longer effective. The FENCESENSE gives a regular loud beep when this point is reached, allowing the fault to be rectified before the animals get out.

Just hang the FENCESENSE on the electric fence wire, clip the orange lead to the fence, and the green lead to a good earth, switch on and leave.

The device is powered from three AA cells, Which should give a monitoring life of about a year. (life depends on the quality of the batteries used) If the batteries become low, the red indicator light goes out, and when flat, the beep is activated continuously, this being the fail safe mode.

Manufactured in England By Sutcliffe Electronics TN26 1ET
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Price list 10/08						
Order No	Dated	/	/	Qty	Unit Price	Total
DRIVEWAY ALARM SYSTEM						
10m Version					£177.00	
20m Version					£214.00	
40m Version					£249.00	
10m second beam kit					£100.00	
20m second beam kit					£137.00	
40m second beam kit					£172.00	
Extra Buzzer					£4.00	
Siren + power supply					£39.00	
Accessory power supply for sender					£30.00	
Cable (extra) per 100m					£39.00	
Entrance/Exit siren isolation timer					£41.00	
Accessory Function Timer Module					£41.00	
Photocell lighting switch					£20.00	
Fencesense electric fence monitor					£20.00	
Commando MkI Gun Shot alarm					£39.00	
Telescopic Hitch Post					£75.00	
BIRDSCARERS						
Kitgun (high wind gas gun) MkIV until stocks used					£370.00	
Kitgun (standard gas gun) MkIV					£338.00	
Gas gun conversion Kit MkIV					£239.00	
CARRIAGE (for single items less than £75 at cost. Please				Request aQuote)		£5.00
Name						
Address						
				Subtotal		£
				Vat @ 17.5%		£
Post code						
Tel				Balance		£
Email						
Visa, Master Card. Switch Maestro and Cheques accepted. (Please note Cheques are cleared before goods are despatched.) Payment can also be processed online using PAYPAL.						
Title to goods purchased, passes when remittance has been cleared.						