Snitch

Driveway-Gate Alarm

Anti-Tamper

KNOW YOUR GATE'S EVERY MOVE

INSTRUCTION MANUAL MTX

Specifications

Supply voltage	13.8v DC
Standby current	5mA
Maximum current	50mA
Siren output rating	500mA @ 12v

If SIREN rating exceeds 500mA the gate motor electronics may limit the current, if this is the case connect POS power to Snitch directly to the battery.

If the supply voltage exceeds 13.8v DC a DC to DC converter or resistor box must be used.

Quick Setup

Snitch has a built in stand alone transmitter, if a signal to the house is required, a QTRONIX MTX receiver is needed, program the unit into the receiver the same as you would a remote or PIR.

Connect the siren use COM and N.O. relay contacts

Mount controller inside the motor housing and PICKUP facing the gate.
Mount magnet onto gate, with P-UP facing controller, ideal distance apart is 20-40mm, ensure magnet does not interfere with DOS.

Connect the snitch controller in parallel with the receiver, POS, NEG and TRIG, power up the unit with the gate in the open position. If the gate is also using the PED trigger, insert diodes as shown in the diagram on page 3.

The controller LED flashes until the gate is closed and the magnet lines up with the pickup, led goes off once alignment is ok.

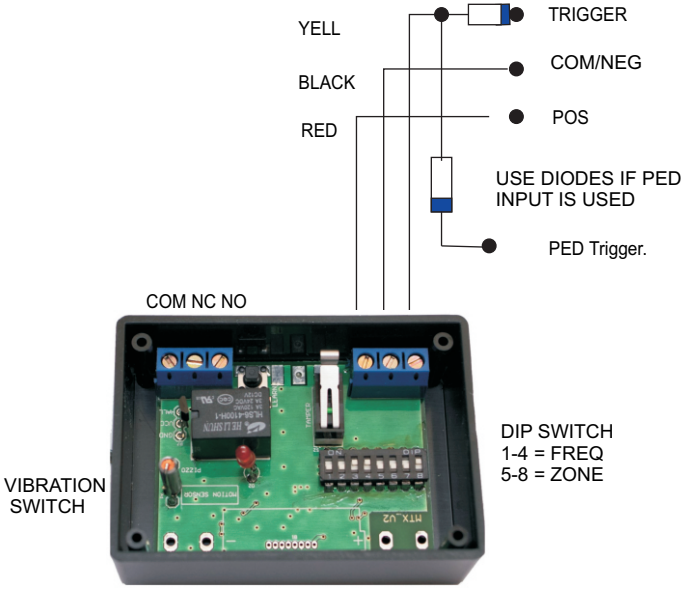
Move the gate to simulate a forced entry, the unit will transmit a signal and operate the relay, the siren can be silenced when triggering the gate from the remote, or automatically after 20 seconds.

Trigger the gate normally, from the closed position, the controller will ignore the magnet status for a maximum of 2 minutes allowing the gate to close, if the gate is not closed the unit will go into the alarm state.

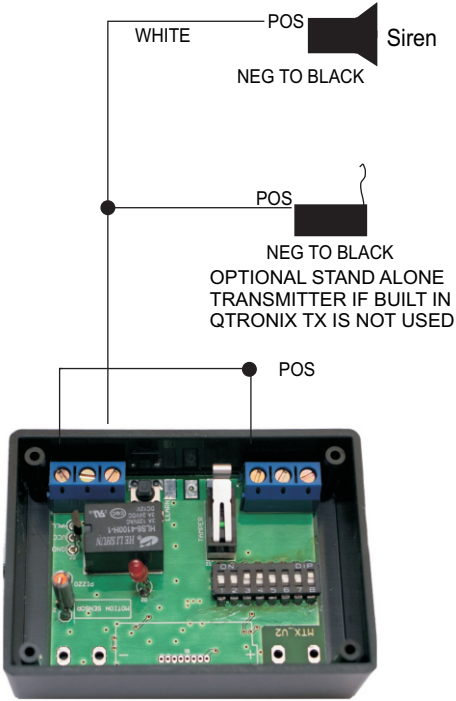
Gate Motor Trigger Connections

To gate motor electronics

See page6 for built in receiver connections

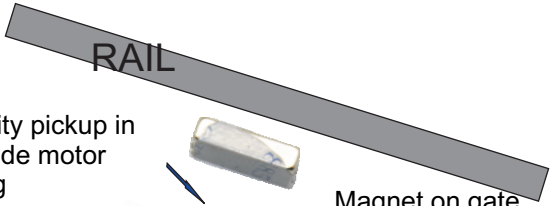


Siren Connection

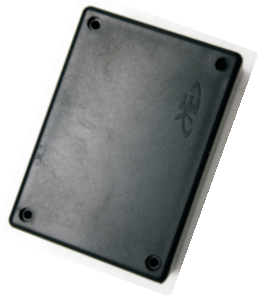


Main Gate Proximity Contact

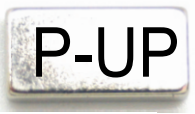
The magnet can be glued to the gate in line with the pickup when the gate is in the closed position
Front of controller and magnet should be as close as possible to each other after installation, more than 50mm apart will produce unreliable operation,
20-40 mm is ideal, DOUBLE UP ON MAGNETS IF GREATER DISTANCE IS REQUIRED.
ENSURE THAT NEW MAGNET DOES NOT INTERFERE WITH THE EXISTING DOS UNIT.



Proximity pickup in or outside motor housing



Magnet on gate must face front of controller box
P-UP faces **PICKUP**
IDEAL distance from magnet to pickup is 20-40mm

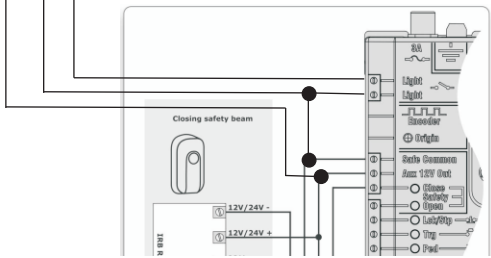


BUILT IN RECEIVER
D5 evo Snitch connections

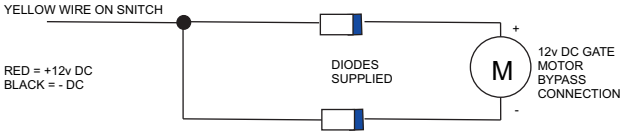
RED BLACK YELL

USE LIGHT OUTPUT TO TRIGGER SNITCH
PROGRAM LIGHT OUTPUT TIME TO A MINIMUM
USE DIODES AS IN DIAGRAM ON PAGE4 IF
MORE THAN ONE TRIGGER BYPASSES SNITCH

CENTURION WITH BUILT IN RECEIVER



FOR ANY MOTOR WITH BUILT IN RECEIVER A SIMPLE
TRIGGER BYPASS CAN BE DONE WITH TWO DIODES
AS FOLLOWS



Glossary

Magnet is mounted on main gate, magnetic pickup can be inside or outside the motor enclosure.
Proximity type detector shows if the gate is forced open or left open for longer than two minutes
Main siren sounds for 20 seconds and the built in transmitter, will send three 1 second transmissions if the gate is forced open, or left open for longer than 2 minutes. To OVERRIDE THE SIREN on gate left open, press and hold the remote when opening the gate for longer than 2 seconds.
Vibration switch and or tamper switch activates the alarm if motor enclosure or snitch is tampered with.

Trigger input
Existing trigger from receiver and/or intercom is left connected to the gate electronics and the snitch trigger connects in parallel, yellow wire, or see EVO diagram.

Power supply
The snitch unit operates on 12v DC, should the voltage exceed 13.8v DC then the resistor box should be fitted in series with the supply voltage
The resistor box reduces the greater AC or DC voltage to the required 12v DC, red = +, black = -

Siren output
A 20 second timed siren output occurs on any alarm condition
The siren may be silenced before the timeout, simply press remote to simulate a trigger.