

This kit provides the components you need to install a maglock on a gate and operate it with a digital keypad on the outside and a 'push to exit' button on the inside. The 'push to exit' button can be sited a short distance away from the gate to prevent operation by reaching through the gate. A variable time delay allows time to open the gate after pressing the button.

Product code - EMDKK



## Installation

### Maglock armature

Drill three holes through the gate and bolt the maglock armature in place using the two coach bolts and the break off security nuts provided. The third hole is to provide clearance for the nut on the back of the armature plate.

### Junction Box

Install the junction box preferably near enough to the maglock and digital lock to enable the existing wires from these units to reach the junction box without being extended.

### Maglock

Close the gate and position the maglock assembly on the gate post, fix with the M6 screws provided. First drill and tap holes for fixing through the two slots, fix the maglock brackets in place, and adjust the position using the slots before drilling and tapping the other holes. Alternative fixing methods may be required depending on the type of gate post.



Maglock size – 203 x 63mm  
 Voltage/current: 12V/500mA, 24V/250mA  
 Lock status switch rating: 250mA

**Digital Keypad**

Fix the digital keypad to the gatepost on the outside of the gate and run the wire through to the junction box.

**‘Press to exit’ button**

Fix the ‘press to exit’ button inside the gate in a position out of reach from the outside of the gate and run two wires from the yellow wires to the junction box.

**Power supply**

Install the power supply box vertically with the hinge on the left hand side and in a place where it won’t get wet or be subject to high temperatures or humidity. Ideally the power supply is installed inside a building and the 12V output is run to the gate via two wires from the ‘out’ terminals in the power supply box. The size of these wires depends on the distance from the power supply to the gate up to 100m use 1.0mm2 wires. The 240V supply must be connected via a 3 amp fused spur.

12V	24V	Lock Status Sensor
+ ——— Red ——— Black ——— Green ——— Orange —	+ ——— Red ——— Black ——— Green ——— Orange —	Blue / \ NC ——— Brown ——— — Yellow / \ NO ———

**Basic Programming**

When the power is first switched on the keypad will be in standby mode and the light on the keypad will flash red. To enter the programming mode press \* 888888 # on the keypad. The light will now be a constant orange. You now have to choose two numbers, an ID number from 1 to 1100 and a PIN number which contains 4 to 8 digits (1234 cannot be used as this is reserved). Once you have chosen these numbers, record them on paper and then press 1 followed by the ID number followed by #, then press the \* key to return to standby mode.

When the PIN number is entered followed by the # key the maglock will now release and relock after 5 seconds. The maglock will also unlock and relock after 5 seconds when the ‘press to exit’ button is pressed.

There are many other features contained in the digital keypad including separate operation of an external light or door bell. These are detailed in the User Manual supplied.