Read all instructions before starting installation

**PACK CONTENTS**

- Keypad + Wiring harness
- Mounting instructions
- Activation
- Testing the unit
- Troubleshooting
- Programming the keypad

**Wiring description**

- Power: 12 or 24v AC or DC (AC does not have a polarity)
- Brown: + Positive
- Blue: - Negative
- Output Relay: Max 2amp @ 24v
- Grey: Common
- Red: Selectable – Relay NO or NC (Default is set to NO)
- Exit Button: Push to make – Volt free
- White/Pink: Exit Button (NO)
- Power Consumption:
  - Stand by: Approximately 25 milliamps @12vDC
  - Operation: Approximately 80 milliamps @12vDC

For 12vDC inductive loads such as electric strikes and electromagnetic locks, the enclosed 12vDC metal oxide varistor must be connected in parallel with the load, at the load terminals and not in the keypad.

Ensure power supply is of correct rating, taking into account the current requirements of the locking items and accessories.

Do not insert security plugs into fixing holes until all installation and testing has been completed. These items require drilling out and cannot be re-fitted.

**LED signalling explanation**

- **GREEN LED**: Door Strike activated (unlocked)
- **RED LED**: Normal Operation: 3 sec. ON = wrong Code Entry
  - Slow flashing = wrong code entry 3 times
- **Programming Mode**: Fast flashing = programming different functions
  - Slow flashing = programming stand-by
  - Very fast flashing = erasing all user codes

The door remote opening (via exit switch) is possible when a dry contact is made between the wires White and Orange.

The lock is activated for the time the system is programmed. Factory set @ 5 seconds.
Remote opening is disabled during programming and latch mode.

**INITIALISATION**

Apply power to the keypad. The keypad’s buzzer will sound briefly, the Red LED will illuminate briefly. Initialisation is now complete, with a default master code of 1-2-3-4 and a 5-second open door.

**TESTING THE UNIT**

Enter the master code (1 2 3 4 #)
The Door Relay changes its contacts for 5 sec.
The Green LED will light up for 5 sec. Repeat this step 2-3 times.
If the master code is wrongly typed in, the Red LED lights up for 3 sec. re-enter the Code as soon as the LED goes OFF.

IMPORTANT: CHANGE THE FACTORY SET MASTER CODE WHEN YOU PROGRAM YOUR UNIT FOR USE. THERE IS NO WAY TO RECOVER THE NEW MASTER CODE IF IT IS LOST OR FORGOTTEN. THE UNIT CAN BE RESET TO FACTORY PRESETS AND CUSTOMISED AGAIN. See Data Reset

**PROGRAMMING THE KEYPAD**

Enter ⬤ ⬤ 1 2 3 4 ⬤ ⬤
The keypad enters programming mode, the Red LED flashes If no further information is added, the unit will revert to normal operation after a 3 second delay. To exit programming press #.

There are six programming options: -

1. Set new master code
2. Set new user code
3. Erase a user code
4. Erase all user codes
5. Set door open time (1-99s)
6. Set output to latch option

Continued over...
Read all instructions before starting installation

**OPERATING THE KEYPAD**

To set Normally Closed

Enter **master code** **

The keypad enters programming mode, then flashes

To set Normally Open

Enter 6

The red LED illuminates for 2 seconds then flashes

To set a new user code

Enter **master code** **

The keypad enters programming mode, then flashes

To set a new master code

Enter ** master code ** 1 10 #

To set output relay to latching mode (On-Off)

Enter ** master code **

The keypad enters programming mode, then flashes

To program the relay for a timed functioning, please perform procedure 5.

**DATA RESET**

There are two basic models out in the field. Before attempting Data Reset identify the model concerned. Dependent on model select correct reset instructions. In the event that programming administration is lost, or errors have been made in the programming, it is possible to set the keypad master back to the factory default:

**Version 1**

Power off to keypad = wall 5 seconds = reapply power to Keypad

When power reapplied - if RED LED stays on for 1 second = Version 1

If the unit has been fitted, this process will destroy the anti-tamper plugs

Remove anti-tamper plugs and the keypad from the wall

Press the reset button on the rear of keypad

The relay operates and green LED illuminates

**Version 2**

Power off to keypad = wall 5 seconds = reapply power to Keypad

When power reapplied - if RED LED stays on for 3 seconds = Version 2

Power up the unit During the first 3 seconds, the RED LED is ON

Enter **12348**

The red LED illuminates for 2 seconds and a continuous tone is heard

Press the reset button on the rear of keypad

The relay is set to open the door for 5 seconds

Enter #

To set a new master code

Enter **master code** **

The keypad enters programming mode, then flashes

To set a new user code

Enter **master code** **

The keypad enters programming mode, then flashes

**Warranty**

This product is guaranteed for a period of 5 years against defects in manufacture, workmanship or materials provided that all electrical and mechanical installation requirements are adhered to as per this instruction sheet. All third party and consequential claims are expressly excluded from this warranty.