



KINGDOM ELECTRONICS CC

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Security & Access Control Equipment

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## **TECHNICAL PRODUCT BULLETIN**

### **Serial Tamperproof Keypad**

#### **Application**

- ▶ Secure access control for home or office.

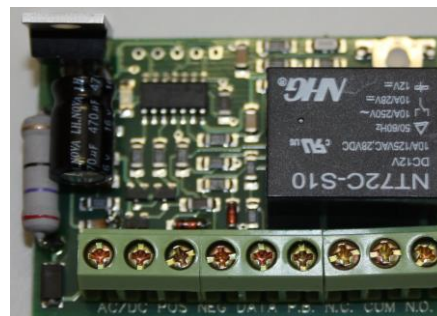
#### **Specifications**

- ▶ 16v AC or 12v DC operation.
- ▶ Programmable Master code and 6 user codes.
- ▶ Programmable relay time.
- ▶ Power and relay status LED indication.
- ▶ Backlit keys.
- ▶ Surge and short circuit protection.
- ▶ Exit push button input.
- ▶ Programmable 2 second delay before relay energises.
- ▶ Physical size: 86mm x 60mm x 26mm.

#### **Wiring Diagram**



+ - Data



+supply- + - Data P.B. Relay



Three wire connection from keypad to separate decoder

#### **Installation**

- ▶ Connect 16v AC or 12v DC to supply terminals.
- ▶ Connect keypad to decoder, use screened cable if electric fence is nearby.
- ▶ Connect relay contacts to gate motor trigger input.
- ▶ Program new master and user codes.



KE02-002-A

# Entering Programming Mode – SERIAL TAMPERPROOF KEYPAD (STEP 1)

- Press and Hold 
- Green LED will Illuminate, Release  wait for beep
- Enter Master Code **(Default Code – 1234) within 10 Seconds.**




## Changing Master Code

### Enter Programming Mode SEE STEP 1

- Enter '0' then 'E'.
- Enter New Four Digit Master Code. Wait 2 beeps
- Confirm (re-enter) The New Master Code.
- Press  to Save.
- Press  to Exit.




## Adding User Codes 1 to 6

### Enter Programming Mode SEE STEP 1

- For User Code 1 -Enter '1' then 'E' followed by **Four Digit User Code.**
- For User Code 2 -Enter '2' then 'E' followed by **Four Digit User Code.**
- Up to 6 different user codes can be added.
- Press  to save, if code
- Press   to Exit.




## Switching ON / OFF Delay before Relay Energizes

### Enter Programming Mode



- Enter '40' then 'E' – to switch **ON** - 2 second delay before relay energizes.
- Enter '50' then 'E' – to switch **OFF** - 2 second delay before relay energizes.
- Press  to save setting.
- Press   to Exit.

## Changing Relay 1 Time

### Enter Programming Mode

- Enter '30' then 'E'.
- Enter amount of seconds required:
  - 01 = 1 second.
  - 20 = 20 seconds
  - 99 = latch mode.
- Press  to save setting.
- Press   to Exit.

## Changing User Codes 1 to 6

- Press and Hold 
- Wait for Beep then Release 
- Enter Current Code **within 10 Seconds.**
- Enter **New** User Code.
- (Unit beeps twice then five times to exit programming mode)

**Default the Master Code by pressing and holding the switch on the decoder.  
LED flashes and unit will start to beep continuously. NB - Only release switch once LED has stopped flashing. Code will default back to 1234.**