PTDC70 & 50 MBPT Keypad
Quick Start Programming Instructions

⚠️ **PROGRAMMING NOTE: When powering up please wait 1 minute until the end of the power up delay and the keypad stops beeping.**

1 **Set the Keypad into Programming Mode with The Factory Set Master Code 0 0 0 0**

[0] [0] [0] [0]   [*] [*] ---- Listen for the 2 rapid beeps - The keypad is now in programming mode.
NOTE: If the Master Code is forgotten, use the DAP Code to set the keypad into programming mode.
(See DAP CODE 8080 in the main instructions for the details).

2 **Change The Factory Set Master Code to the Owner's Private Master Code for Security Reasons**

[0] [1]   [1] [2] [3] [4]   [#]   ---- 2 rapid beeps, (1 2 3 4 is a Master Code for example here only)
1 2 3 4 is now the new Master Code and the factory set default of 0 0 0 0 is erased.

3 **Set a "User PIN" to Operate The Output 1 (relay 1) for Door Open**

[1] [0]   [2]   [0] [0] [1]   [4] [3] [2] [1]   [#]
 (a)   **(b)**   **(c)**   **(d)**   **(e)**

(a)   10 = Programming Location for Output 1 (relay 1)
(b)   2 = Programming for User PIN
(c)   0 0 1 = One of the 1,000 User indexes for the User PIN ranging from 000-999
(d)   4 3 2 1 = The User PIN that is programmed for the door. *(4 3 2 1 is a User PIN for example only)*
(e)   # = Confirm the User PIN, (listen for 2 rapid confirmation beeps after pressing #)
NOTE: A User PIN can not be the same as the Master Code

REMARK:
If more User PINs are required for output 1, repeat procedure 3 (above) with other User indexes,
such as 002, 003, 004 --- 999 etc. A total of 1,000 users are allowed (See Programming Location 10
for the details in the main instruction booklet)

4 **Exit The Programming Mode**

[*] [*] ---- Listen for 2 rapid confirmation beeps
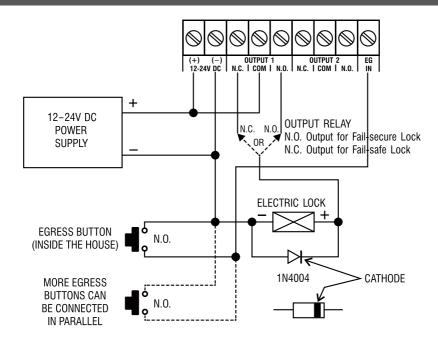The programming mode is complete and the keypad is back to normal operation mode.

OPERATION

5 Open The Door with The User PIN (The door will release for the factory default time of 5 seconds)

[4] [3] [2] [1]   [#]   ---- 1 long beep, the door is now open

REMARK:
To change the private master code or "User PIN" - simply repeat procedures 2 and 3 (above).
For all other keypad programming features and functions including door release times, please
refer to the main instruction booklet.

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BASIC WIRING OF A STAND ALONE DOOR LOCK

| (+) (−) | OUTPUT 1 | OUTPUT 2 | EG |
| 12-24V DC | N.C. COM N.O. | N.C. COM N.O. | IN |

12−24V DC
POWER
SUPPLY

+

−

N.C.   N.O.
OR

OUTPUT RELAY
N.O. Output for Fail-secure Lock
N.C. Output for Fail-safe Lock

ELECTRIC LOCK

−   +

EGRESS BUTTON
(INSIDE THE HOUSE)

N.O.

1N4004   CATHODE

MORE EGRESS
BUTTONS CAN
BE CONNECTED
IN PARALLEL

N.O.

⚠ **ALWAYS FIT A TRANSIENT SUPPRESSOR TO THE LOCK RELEASE TO PROTECT THE KEYPAD**
Otherwise connect a 1N4004 diode as close as possible to the lock, in parallel with the power terminals of the lock to absorb the back EMF and prevent from it damaging the keypad.

⚠ A 1N4004 diode MUST NOT BE USED if the electric lock is AC operated !

⚠ To avoid Electro-Static-Discharge from interfering with the operation of the keypad, always ground the (-) terminal of the keypad to earth.

⚠ Always connect the DOOR SENSOR terminal to (-) ground if not used.