MODELS:
- VX800N-2 Module 2 Relay
- VX800N-2L Module 2 Relay plus panel illumination
- VX800N/F Stand alone unit 2 Relay. Flush mounting
- VX800N/S Stand alone unit 2 Relay. Surface mounting
- VX800N-3 3 Relay
- VX800N-3L 3 Relay plus panel illumination

FEATURES
- Access control system with 2 codes and 2 Relay outputs (3 codes, 3 relays on VX800N-3.. version).
- Engineer’s code to enter into the “Programming Menu” (from 4 to 8 digits).
- Programming of the activation time of each relay from 1 up to 99 seconds or latching.
- Possibility to activate relay 1 by shorting terminal “SW1” to GND and relay 2 by shorting terminal “SW2” to GND. Both relays will operate for the programmed time (this feature is not available on VX800N-3 version).
- Keypad gives an acoustic (buzzer) signal during the entering of codes and a continuous melody for 4 or more seconds, according to the number of mistakes (self-protection).
- Keypad includes panel illumination (VX800N..L only) and 2 LED’s to show the following:
  - Correct relay code (green LED on for 2 seconds).
  - Red LED to indicate when in the “programming menu”.
  - Contacts of the relays are available (N.O and N.C) with 5A max 24Vac/dc.
  - Power requirements: 12/24VAC/DC, 2VA.
  - Working temperature: -10 +50°C

OPERATION
To use the system, type in the programmed code and press “ENTER”, the green LED will illuminate and the relay will operate for the programmed time. To cancel remain open time, type in the same code and press “CLEAR”. If a wrong code is entered, a continuous melody will sound for 4 or more seconds, according to the number of mistakes.

INITIALIZATION
When the installation is concluded and carried out according to the wiring diagram, power up the system and program it by following the “VX800 Programming” Flow Chart.

PROGRAMMING (refer also to flow chart)
- Enter “ENGINEER’S CODE”: first time type six times “1” (111111 factory preset) and press ENTER (The red LED will illuminate).
- Confirm “ENGINEER’S CODE” (typing again the same) or type the new code (4 to 8 digits) then press ENTER (Melody). Pressing twice the ENTER button without changing the “ENGINEER’S CODE”, will exit from the programming.
- Enter the code (4 to 8 digits) to enable “RELAY 1” (ACCESS 1) or re-enter the existing code then press ENTER (Melody).
- Enter the “RELAY 1” operation time (2 digits 01 to 99 I.E. 05=5 seconds, 00= remain open time) or re-enter the existing time then press ENTER (Melody).
- Enter the code (4 to 8 digits) to enable “RELAY 2” (ACCESS 2) or re-enter the existing code then press ENTER (Melody).
- Enter the code (4 to 8 digits) to enable “RELAY 3” (ACCESS 3 only for 3 relay models) or re-enter the existing code then press ENTER (Melody).
- Enter the “RELAY 3” (only for 3 relay models) operation time (2 digits 01 to 99 I.E. 05=5 seconds, 00= remain open time) or re-enter the existing time then press ENTER (Melody).
- The system is ready to use (the red LED will be off).

INSTRUCTION TO RETURN SYSTEM TO PRESET ENGINEER’S FACTORY CODE
- Turn off power to code lock.
- Keep “ENTER” button pressed while turning back on the power to the code lock.
- Release “ENTER” button.
- The master code is now set at factory engineer’s code “111111” (six times “1”).
- Proceed with programming for a new system.

NOTES
- To switch off any relay while operating, type in the relevant code then press the “CLEAR” button.
- To operate relays together, set the same code for each relay.
- If a wrong code is entered, the system will lock out for 5 seconds which will increase each time a wrong code is entered. The system will operate only when the correct code is entered.
**RE-PROGRAMMING GUIDE**

**Press Enter**

(Red light will illuminate*)

Press Enter

Press Enter

Press Enter

Repeat steps for relay 2 and 3

**Notes:**

* If the red light does not illuminate, the engineer’s code is incorrect. Follow instructions to return system to preset engineer’s factory code.

**On the first loop of the flow chart its relay 1, second loop is relay 2 and the third loop is relay 3.

**Table:**

<table>
<thead>
<tr>
<th>Engineer’s Code</th>
<th>Relay 1 Code</th>
<th>Relay 2 Code</th>
<th>Relay 3 Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relay 1 Time</td>
<td>Relay 2 Time</td>
<td>Relay 3 Time</td>
<td></td>
</tr>
</tbody>
</table>

**RED light will switch OFF**

**MORE DOORS?**

**YES**

**NO**

**PRESS ENTER TWICE TO EXIT PROGRAMMING**

**FAIL SAFE DC LOCK**

**Fail Secure AC Lock**

**Electric Gates**

**More Doors?**

**No**

**Yes**