XT & XV control panels are wireless battery operated alarm systems. Designed for residential, small business security applications and both indoor and outdoor commercial applications. Through the use of the MotionViewer and Videofied products, the XT & XV panels offer a video verification in case of intrusion.

The XT control panel has two programmable outputs and the XV control panel has one programmable input.

This application note will focus on the configuration and the use of the programmable outputs. You will be able to program your programmable output(s) by reading the Configuration section. The Use section will get you an idea of the practical use of the programmable outputs.

**PROGRAMMABLE OUTPUT 1** and **PROGRAMMABLE OUTPUT 2** can be triggered either by a panel event, by a peripheral device devices or by an external event such as a programmable input or a arming input.

Please note that programmable outputs can be allocated to events such as:

<table>
<thead>
<tr>
<th>Event</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRUSION</td>
<td>Intrusion event.</td>
</tr>
<tr>
<td>TAMPER</td>
<td>Tamper event.</td>
</tr>
<tr>
<td>PANIC BUTTON</td>
<td>Panic Button event.</td>
</tr>
<tr>
<td>INCORRECT CODE</td>
<td>Incorrect code event.</td>
</tr>
<tr>
<td>DURESS CODE1</td>
<td>Duress code event.</td>
</tr>
<tr>
<td>DURESS CODE2</td>
<td>Duress code event.</td>
</tr>
<tr>
<td>SUPERVISION</td>
<td>Supervision defect event.</td>
</tr>
<tr>
<td>RADIO JAMMING</td>
<td>Radio jamming event.</td>
</tr>
<tr>
<td>LOW PANEL BATT.</td>
<td>Low panel batteries event.</td>
</tr>
<tr>
<td>LOW DEVICE BATT.</td>
<td>Low device batteries event.</td>
</tr>
<tr>
<td>AC POWER MISS.</td>
<td>AC Power missing event.</td>
</tr>
<tr>
<td>PANEL RESET</td>
<td>Panel reset event.</td>
</tr>
<tr>
<td>SYSTEM ARMED</td>
<td>System armed event.</td>
</tr>
<tr>
<td>SYSTEM DESARMED</td>
<td>System desarmed event.</td>
</tr>
<tr>
<td>PERIODIC TEST</td>
<td>Periodic test event.</td>
</tr>
<tr>
<td>ALARME CANCEL</td>
<td>Alarm cancel event.</td>
</tr>
<tr>
<td>SMOKE DETECTION</td>
<td>Evento de detección de humo.</td>
</tr>
<tr>
<td>PROG. INPUT 1</td>
<td>Programmable Output activation on Programmable Input 1 trigger.</td>
</tr>
<tr>
<td>PROG. INPUT 2</td>
<td>Programmable Output activation on Programmable Input 2 trigger.</td>
</tr>
<tr>
<td>PROG. INPUT 3</td>
<td>Programmable Output activation on Programmable Input 3 trigger.</td>
</tr>
<tr>
<td>ARMING INPUT 1</td>
<td>Programmable Output activation on Arming Input 1 trigger.</td>
</tr>
<tr>
<td>ARMING INPUT 2</td>
<td>Programmable Output activation on Arming Input 2 trigger.</td>
</tr>
</tbody>
</table>
1. Configuration: Programmable Outputs

**PROGRAMMABLE OUTPUTS CONFIGURATION**

(Change values using the Left and Right arrow keys)

1. ACCESS LEVEL + YES
2. ACCESS LEVEL : 4 + YES
3. ENTER YOUR INSTALLER BADGE OR CODE + YES
4. CONFIGURATION + YES
5. ENTER YOUR INSTALLER BADGE OR CODE + YES
6. GENERAL PARAMETERS + YES
7. PROGRAMMABLE OUTPUTS + YES

#### Keypad Screen

- **PROGRAMMABLE OUTPUTS**
  - **PROGRAMMABLE OUTPUT 1**
    - **STATUS**: ENABLED // DISABLED
    - **LENGHT ACTIV.**: NUMBER (0-180 seconds)
    - **EVENT TYPE**
    - **OUTPUT NAME**
  - **PROGRAMMABLE OUTPUT 2**

#### Notes

- Programmable Outputs configuration menu
- Programmable Output 1 configuration menu
- Programmable Output 1 status configuration. ENABLED: PROGRAMMABLE OUTPUT ENABLED // DISABLED: PROGRAMMABLE OUTPUT DISABLED
- Programmable Output length activation configuration. Length activation value between 0 and 180 seconds
- Event type choice. (Cf. Event Type list in Page 1)
- Programmable output name.
- Programmable Output 2 configuration menu

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2. Use: programmable outputs

Example: PROGRAMMABLE OUTPUT 1 is a light.

**Keypad screen**

- PROGRAMMABLE OUTPUTS
  - PROGRAMMABLE OUTPUT 1
    - STATUS: ENABLED
    - LENGTH ACTIV.: 90 sec
    - EVENT TYPE: INTRUSION
    - OUTPUT NAME: LIGHT

**Notes**

It is necessary to enable the programmable output state.

Programmable Output length of activation configuration. Choose a length of activation value between 0 and 180 seconds. For example: 90 seconds.

Event type choice. For example: INTRUSION.

Programmable output name. For example: LIGHT.

**Wiring**

- PROG. OUTPUT 1
  - LIGHT

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