Input Actions (MxPro 5 and Axis EN)

When programming with our ConfigTool, you may want to change the operation of an input to better suit your cause and effect scenario. To do this, you will need to navigate to your input device, either on the loop or the on-boards section of the panel, and change the input action.

Detectors - input actions

You can change the input action of your detector if its intended purpose is something other than a fire signal.

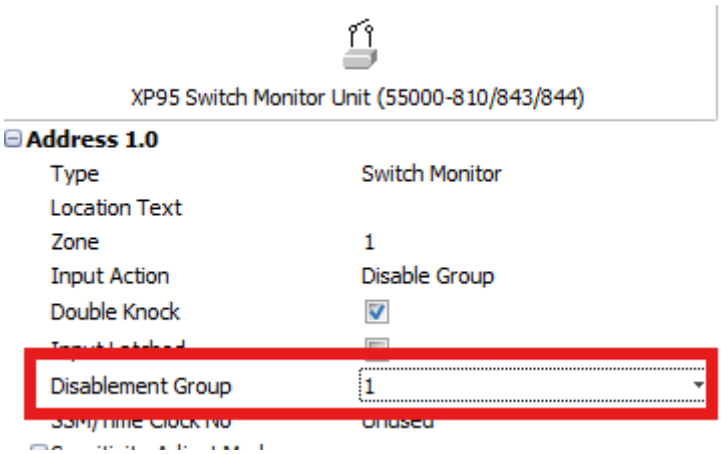
When a device is added to the loop, it is automatically assigned the fire signal input action. However, this can be configured by selecting the device on the loop and changing its input action. The available input actions are as follows:

Fire	Puts the panel into fire upon full activation. Any output groups with the assigned reaction of **fire** will activate. This input is latched by default.
General Alarm	The panel will buzz and push a **general alarm** message on its front screen. Any output groups with the assigned reaction of **general alarm** will activate. This input action can be used for events such as a Lockdown alarm, allowing the outputs to activate in a different tone to the fire alarm to indicate the ongoing event.
Supervisory	The panel will buzz and push a **supervisory** message on its front screen. Any output groups with the assigned reaction of **supervisory** will activate. This input action can be used for monitoring third party equipment, such as sprinkler activations or door alarms. Making the panel buzz if they activate and activating any outputs required.
Control Signal	Any output groups with the assigned reaction of the chosen input will activate.

	For example, a smoke detector is assigned the **control signal** input action and output group 100 has an output group line that states: When said smoke detector activates, output group 100 will activate. In this situation, the panel will not push a message to the screen and will instead activate the intended output group. This input action can be used for events such as a class change, as it will not push a message to the screen, allowing just the outputs to activate.
Pre-alarm	The panel will buzz and push a **pre-alarm** message on its front screen. Any output groups with the assigned reaction of **pre-alarm** will activate. **Important:** This device will never go into full fire upon activation; only into pre-alarm.

Input unit (switch) – input actions

If you are using an input unit, you will have access to more input actions to suit the specific action you are trying to achieve with that input unit. All the previous input actions are available, plus these additional actions below:

Disable Group	Activating this input will disable the assigned disablement group. For example, if the device is in Disablement Group 1, it will disable all devices within Disablement Group 1. 
Keylock	Activating this input will put the panel into Level 1 (disabled controls) state. This only works if the panel is in Level 2. If the panel is in Level 3, it will ignore this command.

Fault	Panel will buzz, the **fault LED** will turn on, and the panel will push the **fault** message to the screen. Any output groups with the assigned reaction of **fault** will be activated.
Record	The panel records a log event whenever the input goes active. It does not push any message and the panel does not buzz.
Acknowledge	This action is used exclusively with false alarm management - alarm verification. It allows the use of occupier acknowledgement, increasing the verification period and silencing sounders (depending on the sub-option picked): • **AAF (with silence)** - will extend the verification period by a specified time in the verification settings and will also silence the sounders during the verification period. • **AAF** - will extend the verification period by the specified time in the verification settings. • **Delaying outputs** - if using **delay to outputs**, this will extend the delayed period by the Stage 2 time. • **Delaying outputs / AAF** - all of the above functions. However, this will not silence the sounders.
Security	The panel will buzz, go into alarm and push the **security alert** message to the panel.
LED Test	Activates the panel's LED test function. All applicable LEDs will be turned on.
Fire Routing Confirmed	Activation input confirming that the signal by the fire routing equipment has been received.
Fire Protection Confirmed	Activation input confirming that the signal by the fire protection equipment has been received.
Door Open	The panel will buzz and will go into alarm and push the **door open** message to the panel.
Tamper	The panel will buzz and the fault LED will turn on and push the **tamper** message to the panel.
Reset	Resets the panel's system, identical to the **reset** button found on the panel's display.
Reset Latched Outputs	If **latched phases** is selected in **ringing styles**, activating this input will reset the latched ringing style.

Reset Phased Outputs	If **repeat phases** is selected in **ringing styles**, activating this input will stop the phases from repeating.
Mute	Mutes the panel buzzer, identical to the **mute** button found on the panel's display.
Resound	Resounds the sounders, identical to the **resound** button found on the panel's display.
Silence	Silences the sounders, identical to the **silence** button found on the panel's display.
Fire Evacuate	Puts the panel into fire upon activation. Any output groups with the assigned reaction of **fire** will activate. This differs from default **fire** action as the action can be toggled between latching and un-latched.