incite fire

TAKTIS

Analogue Addressable Fire Control Panel

Operators Manual

Australia Version 1

This document describes default functions of firmware version AU-00.03.0040 of the Incite Taktis Fire Control Panel. User controls can be modified through the System Management section of the Loop Explorer 2 utility. Check with your installer or service provider when user controls are not consistent with those described in this procedure.

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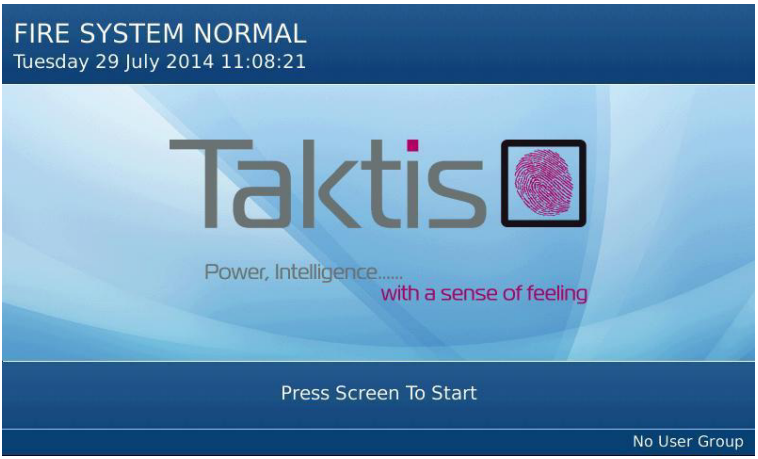
Status Information

The status of the fire alarm system is shown by a combination of LED indicators, a colour display, an internal buzzer and sounders throughout the premises.

Key	Description
A	Left LED Indicators
B	Touch-Panel-Display
C	Access Control Keyswitch
D	Right LED Indicators

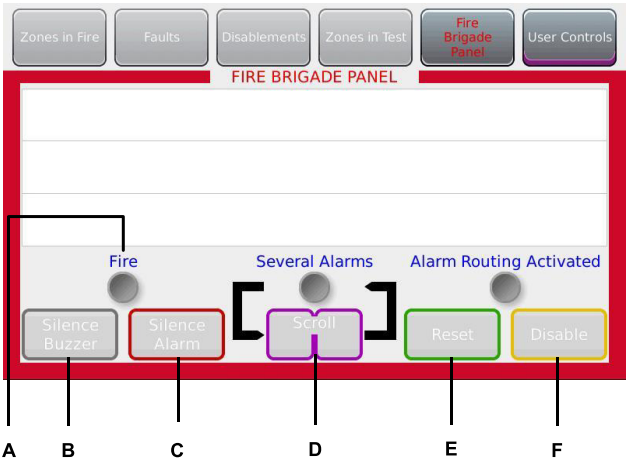
Fire System Normal

The Fire System Normal display occurs when no events are reported on the fire control panel (quiescent state):



Fire Brigade Panel

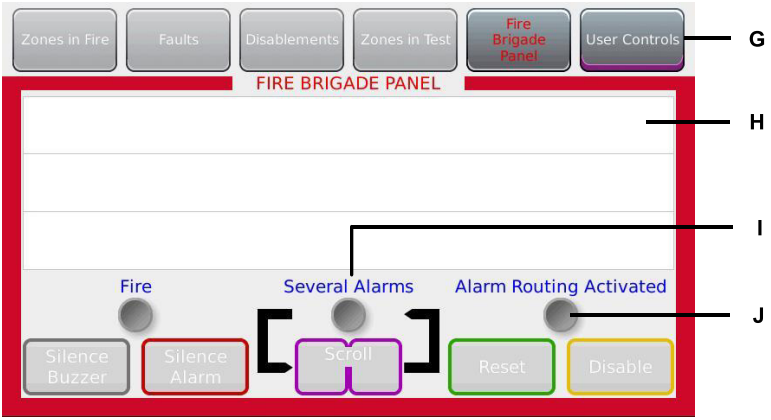
The Fire Brigade Panel display occurs when the cabinet-lid of the Taktis Fire Control Panel opens:



The Fire Brigade Panel display is the Fire Brigade Interface AS4428.3. Display of the Fire Brigade Panel indicates that the fire control panel is in Access Level 2 of the menu. The display above illustrates an open cabinet-lid with no reported events.

The touch-panel-display shall display first and last events when logging numerous events such as fault or fire.

Key	Indicator	Description
A	**Fire**	Fire Alarm Indicator
B	**Silence Buzzer**	The Silence Buzzer button provides buzzer and resounds next event.
C	**Silence Alarm**	The Silence Alarm button resounds next fire event.
D	**Scroll**	The Scrolling button displays when three or more events are present. Press directional-buttons of the Scroll buttons to move the display up or down.
E	**Reset**	The Reset button resets alarms on the fire control panel. Alarms must be silenced before resetting.
F	**Disable**	The Disable button provides disablements for points and zones on the fire control panel. Points or Zones that are in alarm must be silenced before disabling.



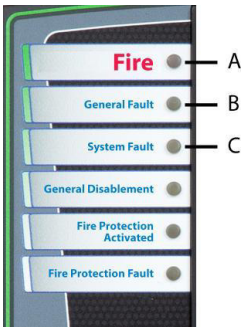
Key	Indicator	Description
G	**User Control Tabs**	User Control Tabs provide navigation away from the fire brigade interface. *Navigating away from the Fire Brigade Interface on the menu is not permitted during Fire events.*
H	**Event Information Display**	The Event Information Display provides event information in order of appearance.
I	**Several Alarms**	The Several Alarms, indicator illuminates when there are more than one fire event.
J	**Alarm Routing Activated**	The Alarm Routing Activated indicator illuminates when the monitoring company is informed of the event.

Navigating away from the Fire Brigade Interface on the menu is not permitted during a Fire event.

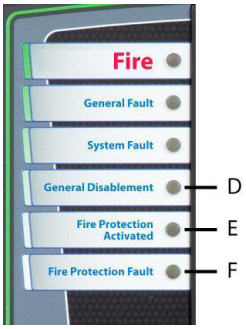
LED indicators are in the Fire System Normal condition when the Power on LED is lit and all other LED indicators are not lit.

The internal buzzer is silent when the Taktis Fire Control Panel is in the Fire System Normal condition.

Left LED Indicators

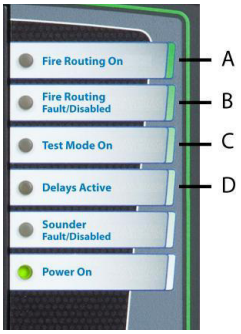


Key	LED	Colour	Description
A	Fire	Red	A fire alarm or fire drill condition exists. The status condition is provided on the touch-panel-display. The internal buzzer sounds intermittently. Output relays are activated. ▪ LED Flashing: Sounders are activated ▪ LED Continuous: Sounders are silenced ▪ LED OFF: Fire Control Panel and Sounders are reset
B	General Fault	Amber	The General Fault LED flashes when Fault conditions exist on the fire control panel. The flashing General Fault LED accompanies one or more flashing amber LEDs that indicate specific fault conditions.
C	System Fault	Amber	A System Fault exists when this LED is on and not flashing. The LED is lit when the system experiences a problem with any one of its internal module boards. The System Fault LED lights on system start-up after the internal module boards experience power loss.

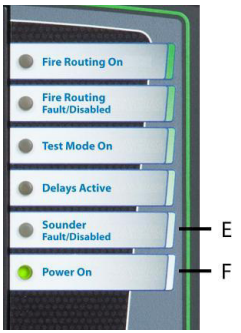


Key	LED	Colour	Description
D	General Disablement	Amber	Parts of the system have been manually disabled and are inactive.
E	Fire Protection Activated	Red	The output to fire protection equipment is active and a confirmation signal has been received.
F	Fire Protection Fault	Amber	A fault condition exits on the fire protection equipment.

Right LED Indicators



Key	LED	Colour	Description
A	Fire Routing On	Red	The LED is on and not flashing when the signal is acknowledged by the remote alarm equipment. The LED flashes when a signal has been sent to the remote alarm transmission equipment.
B	Fire Routing Fault / Disabled	Amber	Outputs to remote fire alarm transmission equipment have been disabled or a fault condition exists in the transmission path.
C	Test Mode On	Amber	One or more zones have been selected to Test Mode.
D	Delays Active	Amber	The LED is on and not flashing when delays are enabled in the Taktis configuration. When delays are active, some or all sounders may not sound, depending on which sounders have the delay enabled.



Key	LED	Colour	Description
E	Sounder Fault/Disabled	Amber	This LED is on and not flashing when a sounding device or circuit is disabled and flashes when there is a fault on one or more sounders.
F	Power On	Green	Power is supplied to the fire control panel when this LED is on and not flashing.

Login

Unlock and then open the cabinet-lid of the Taktis Fire Control Panel using the access key. Opening the cabinet-lid of the Taktis Fire Control Panel provides the Fire Brigade Panel window on the touch-panel-display. Access Level 2 of the menu is in operation when the Fire Brigade Panel window is displayed.

Reference the Fire Brigade Panel section for the login image that displays after opening the cabinet-lid of the fire control panel.

Controls

Control buttons appear on the touch-panel-display when there are active events on the fire control panel. The display of control buttons is based on the type of events that are active and the type of user access level.

The Fire System Normal display is visible on the touch-panel-display when operating in quiescent mode. Quiescent mode is present when the fire control panel is *not* reporting fire alarms or fault conditions. Commands are not visible on the touch-panel-display when the fire control panel is operating in quiescent mode.

Instructions contained in this procedure refer to the Fire System Normal window when the fire control panel is operating in the quiescent mode.

Fire Brigade Panel

Display of the Fire Brigade Panel occurs when the cabinet-lid of the Taktis Fire Control Panel is open. The fire control panel is in Access Level 2 when the display contains the Fire Brigade Panel.

The User Controls button is functional on the Fire Brigade Panel when the fire control panel is in quiescent operation. Other buttons are disabled on the Fire Brigade Panel while the fire control panel is in quiescent operation.

The User Control button provides access to a menu page containing options for system information, setting the date and time, panel tests, disablements, viewing the event log, GUI settings, testing zones and viewing devices.

The menu page includes an Activate Controls button for opening a Login window. The Login window provides key-pad access for obtaining higher level security authorization.

User Access Levels

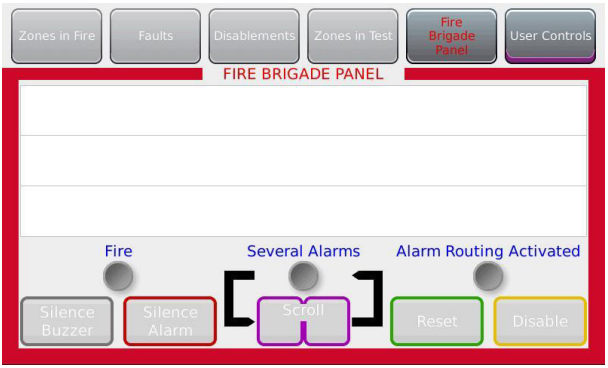
User access levels of the Taktis fire control panel are displayed in the bottom right corner of the touch-panel-display. User access levels are obtained by opening the cabinet-lid and by typing the key-pad password on the touch-panel-display. Access to the key-pad-password area of the menu is provided for security authorizations above Access Level 2.

Access Level 2

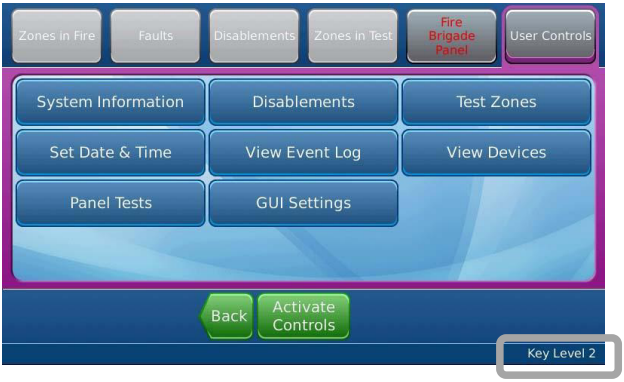
The Taktis Fire Control Panel operates in Access Level 2 when the Fire Brigade Panel window is displayed and when Key Level 2 is visible on the bottom-right of all other menu windows.

Cabinet-Lid Access

Obtain Access Level 2 by opening the cabinet-lid of the fire control panel. The fire control panel is in Access Level 2 when the Fire Brigade window is displayed. Press User Controls to open the next menu-window:



Key Level 2 is shown in the bottom-right of the touch-panel-display when Access Level 2 is obtained:

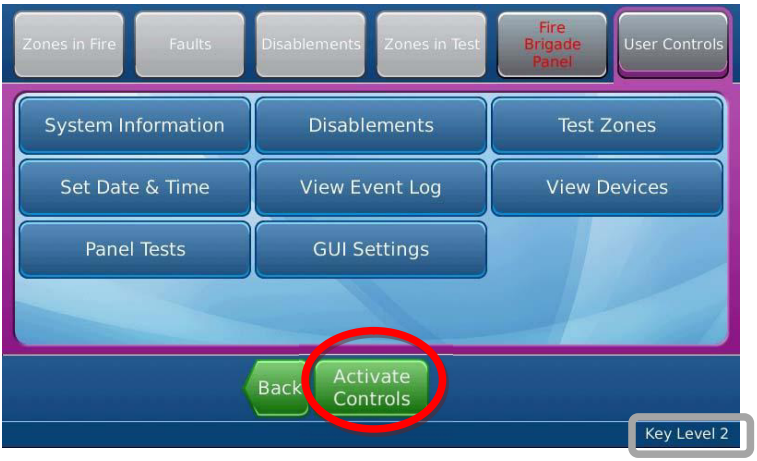


Key-Pad Access

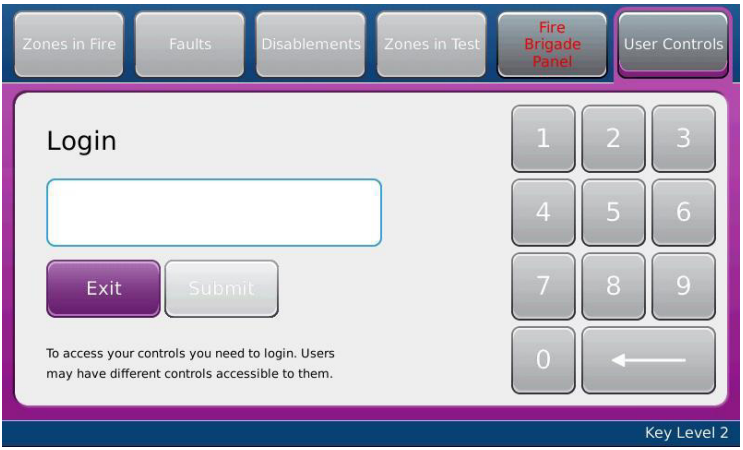
Key-pad access is an optional menu feature for providing higher level security authorization and may not be included with your fire control panel.

Follow the procedure described for Cabinet-Lid Access to obtain the Key Level 2 description on the User Controls window.

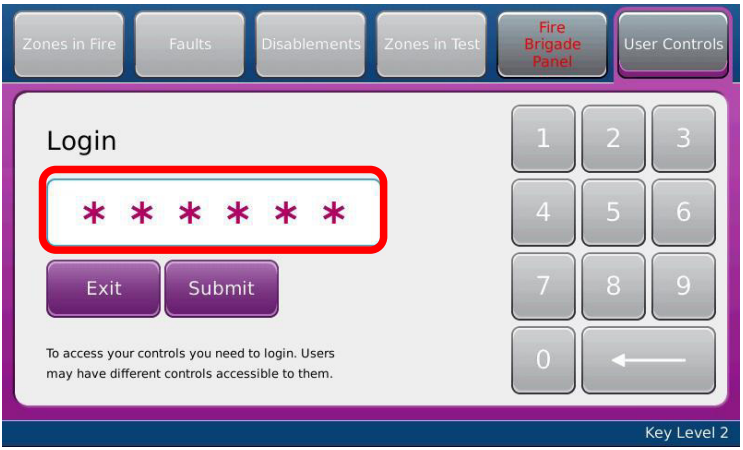
1 Press Activate Controls:



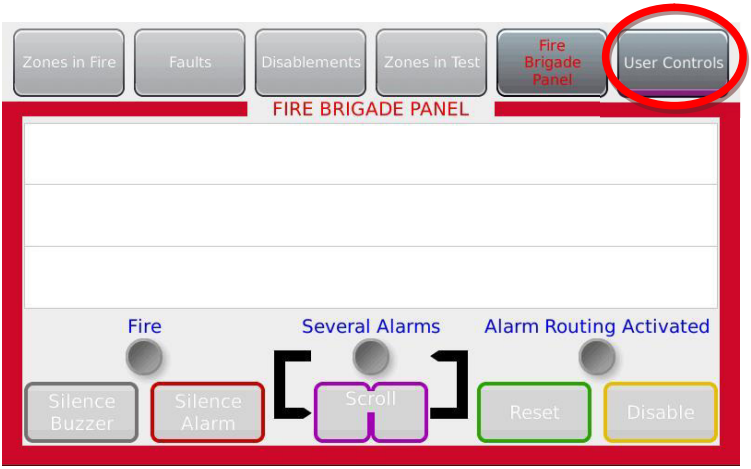
The Login window is displayed:



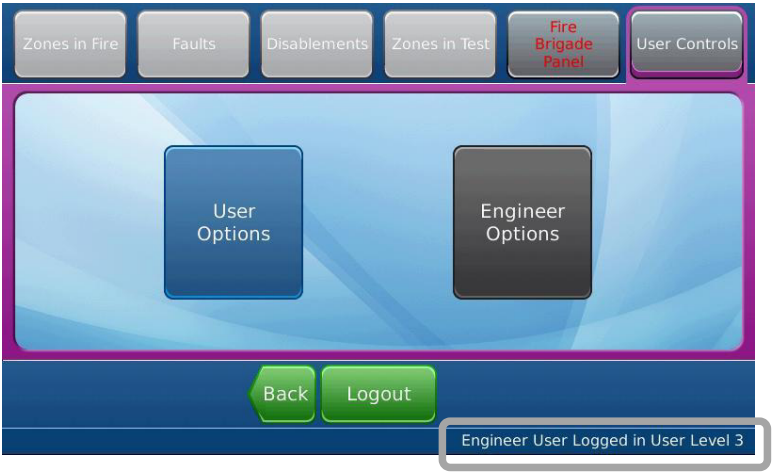
Type the User Level 3 password using the numeric-keypad and press Submit on the Login window:



2 Press User Controls to open the User Controls window:



The User Controls window is displayed with Engineer User Logged in User Level 3 in the bottom-right of the Login window:



Engineer User Logged in User Level 3 times out in less than 30 seconds and returns to Key Level 2 when controls of the touch-panel-display are not operated

Example Fire Condition

The Main Panel of a Hotel is reporting a fire in Zone 12 of the Kitchen preparation and storage area of the Hotel. The internal buzzer of the fire control panel is sounding and a Fire In Zone window is displayed on the touch-panel-display.

Zone 12 is a call-point located in the kitchen-corridor of the Hotel. A sounder connected to the fire control panel is activated indicating a fire condition. LED indicators are flashing on the fascia to identify a fire condition.

The call-point in Zone 12 is a latching input. A latching input remains active after clearing the alarm event from the input device. Clear the alarm condition from the call-point and then reset the fire control panel.

The Reset System button clears latching inputs and restores operation of the fire control panel to the Fire System Normal condition.

Non-latching inputs do not require the Reset System command. Non-latching inputs clear on the fire control panel when the alarm condition is cleared on the external input device.

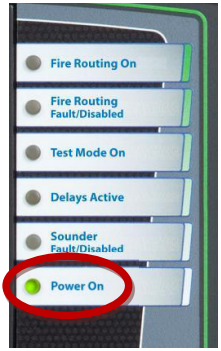
Identify sounders and LED indicators operating during the fire condition. Silence the internal buzzer of the fire control panel and then open Access Level 2 to reset and clear the fire condition.

Terminal connections on the Hotel Main Panel are described below:

Device	Hotel Location	General Description	Terminal Description
Call-Point	Kitchen Corridor	Programmable Input 1, Zone 12, Latching Input	PROG I/P, terminals 0V and 1
Heat Detector 11	Kitchen Oven	Loop 1, Zone 1, Address 11	OUT (+, -) terminals 1 and 2
Heat Detector 36	Kitchen Fryer	Loop 1, Zone 1, Address 36	OUT (+, -) terminals 1 and 2
Sounder	Kitchen Corridor	Sounder 4, Zone 0	Sounders, S4, (+, -) terminals
Auxiliary Fire Control Panel	First-Floor Utility-Closet	Fire Contact Output, Zone 0	FIRE RELAY, (NO, C, NC) terminals

LED Indicators

The Fire LED indicator is flashing and the Power On LED is lit continuously:

Left Indicators		Right Indicators
		

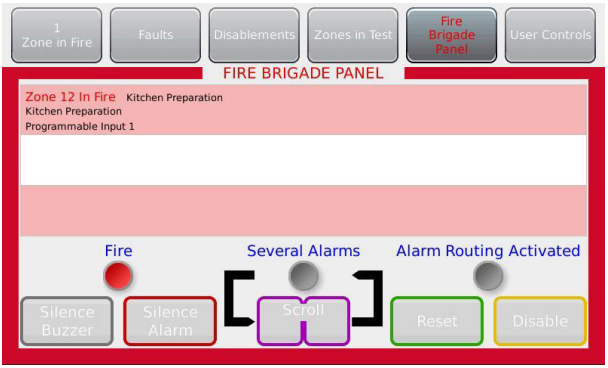
Perform the following steps to silence the buzzer, silence external sounders and reset the fire control panel.

Buzzer Silence, Silence Alarm and Reset

The Buzzer silence command silences the internal buzzer of the Taktis fire control panel. No other sounder outputs are silenced by this command.

The Silence Alarm command silences sounders connected to the fire control panel. Providing this command, silences sounders on the fire control panel as well as network configurations. Perform the Buzzer Silence command before the Silence Alarms command.

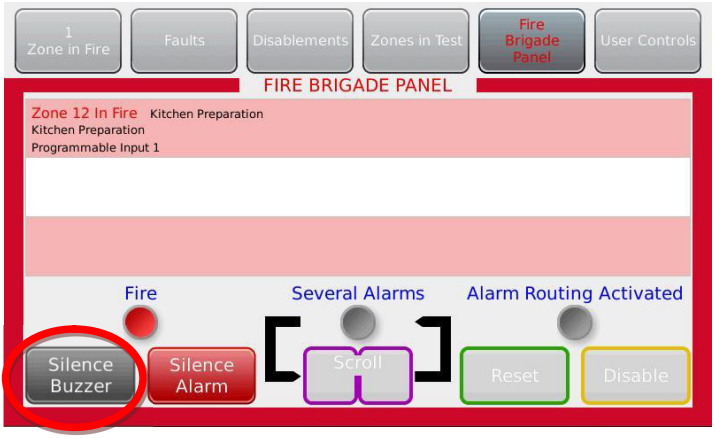
The fire control panel is reporting a fire condition from the call-point of Programmable Input 1 in Zone 12:



To perform a Buzzer Silence, a Silence Alarm and a Reset:

1 Open the cabinet-lid of the fire control panel.

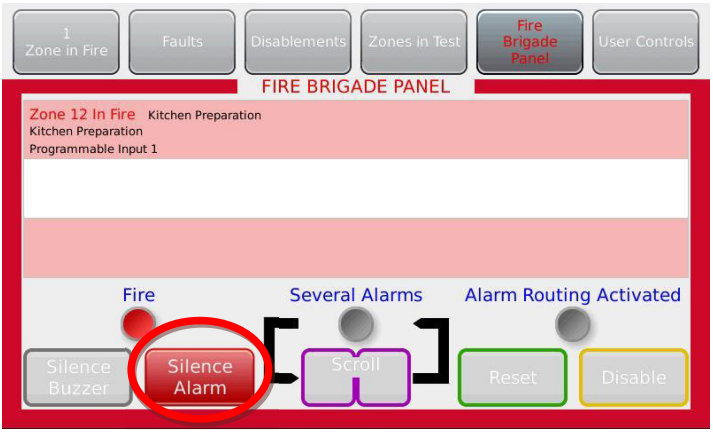
2 Press Silence Buzzer on the touch-panel-display to silence the internal buzzer of fire control panel:



The internal buzzer of the fire control panel silences.

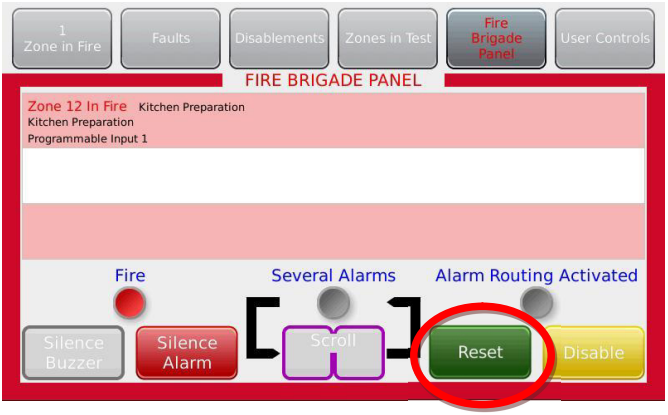
1 Determine the cause of the fire alarm and then clear the condition from the external-device causing the alarm.

2 Press Silence Alarm on the touch-panel-display to silence to sounders connected to the fire control panel:



3 Press Silence Alarm again to re-sound sounders connected to the fire control panel.

4 Press Reset on the touch-panel-display:

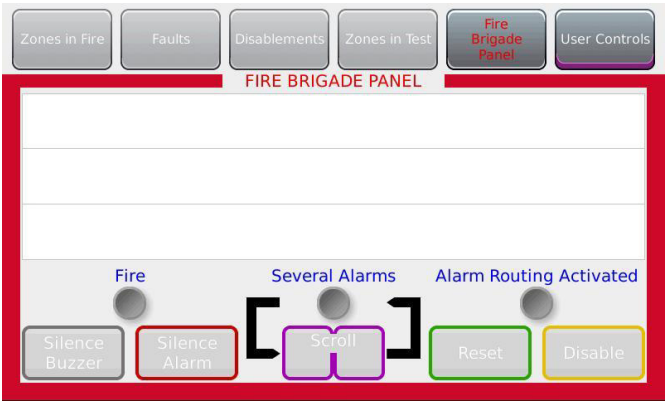


A latching input remains active after clearing the alarm event from the input device. Clear the alarm condition from the external device and then reset the fire control panel.

The Reset command clears latching inputs and restores operation of the fire control panel to the quiescent condition.

Non-latching inputs do not require the Reset System command. Non-latching inputs clear on the fire control panel when the alarm condition is cleared on the external input device.

The Fire Brigade window is displayed:

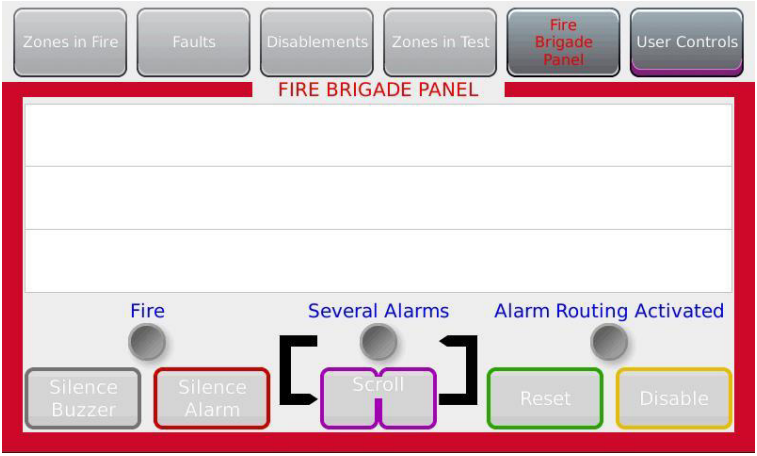


Navigating away from the Fire Brigade Interface on the menu is not permitted during a Fire event.

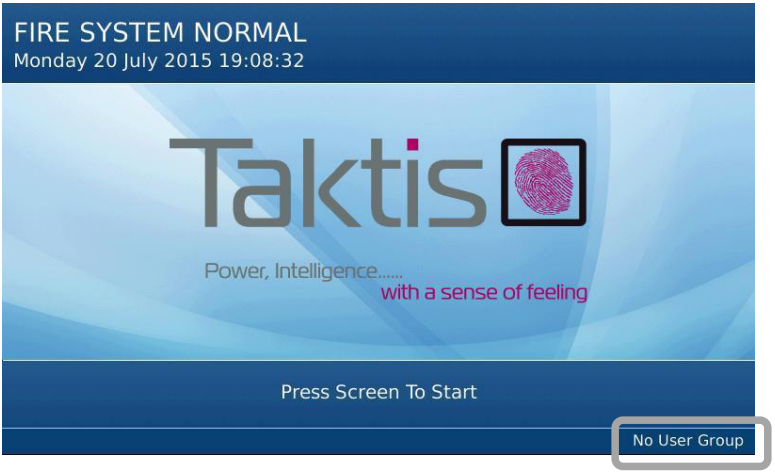
Logout

Closing the cabinet-lid of the Taktis Fire Control Panel logouts of the Fire Brigade Panel window.

Close the cabinet-lid to logout of the Fire Brigade Panel window:



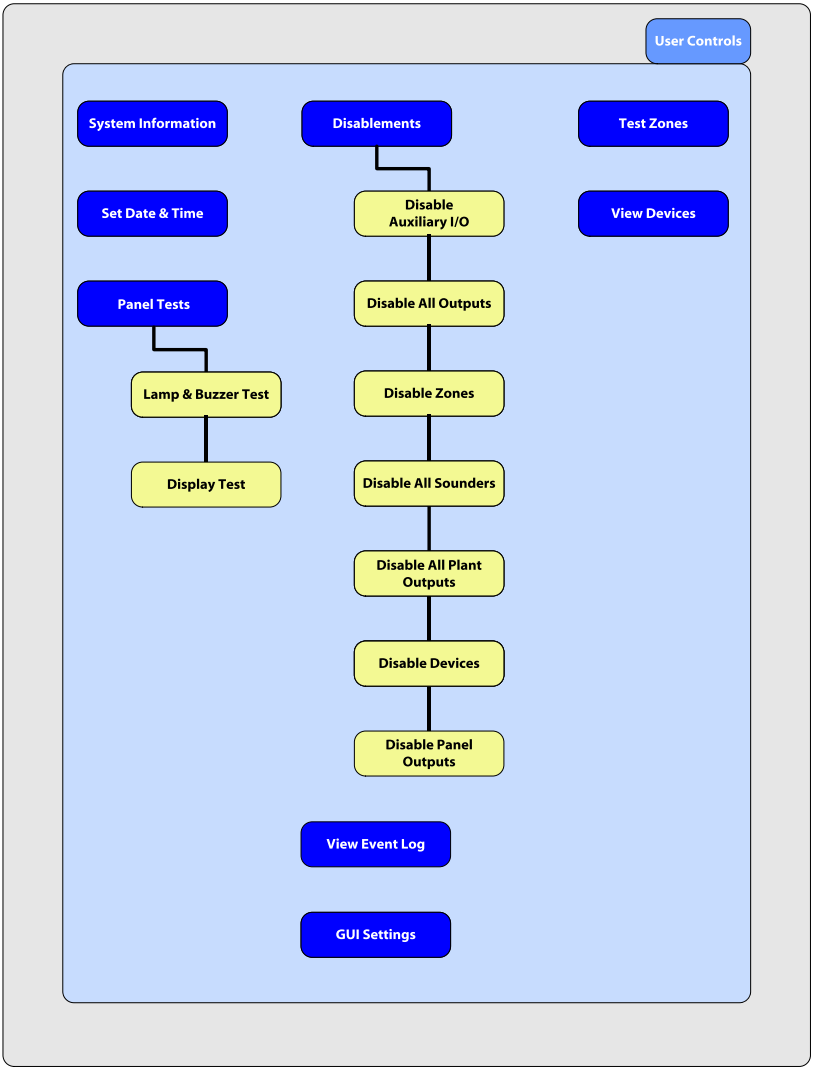
The Fire System Normal window is displayed with No User Group authorisation:



No User Group is visible on the touch-panel-display when the fire control panel has exited from Key Level 2.

Navigating the Menu

The diagram below illustrates navigating Access Level 2 from the Fire Brigade Panel window:

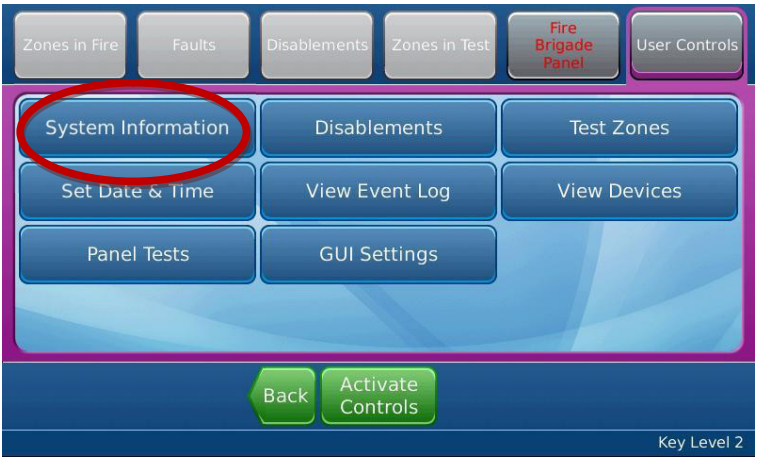


System Information

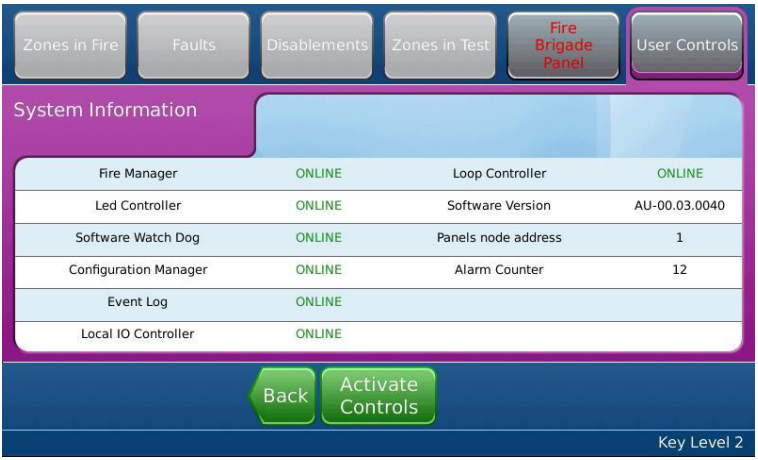
The following procedure describes how to obtain system information from the Taktis Fire Control Panel.

The fire control panel is operating in Access Level 2 when Key Level 2 is visible on the bottom-right of the touch-panel-display.

Press System Information on the User Controls window:



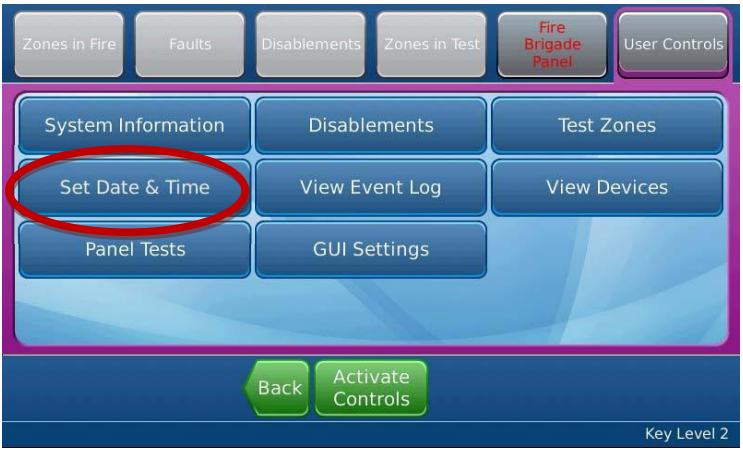
The System Information window is displayed:



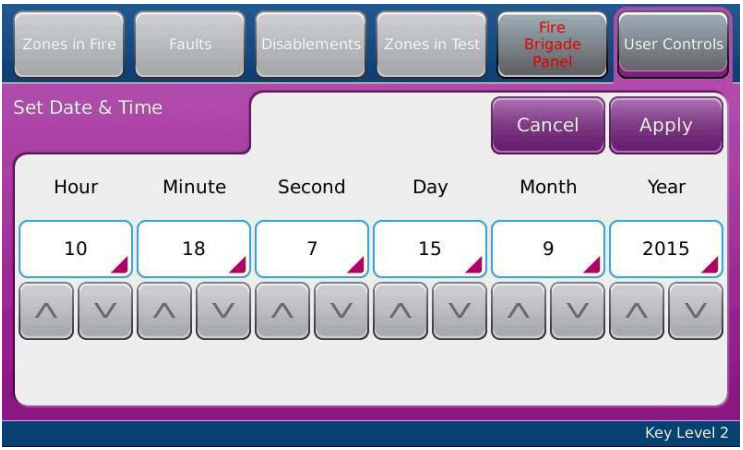
Set Date and Time

The following procedure describes how to set the date and time of theTaktis Fire Control Panel.

Press Set Date & Time on the User Controls window:



The Set Date & Time window is displayed:

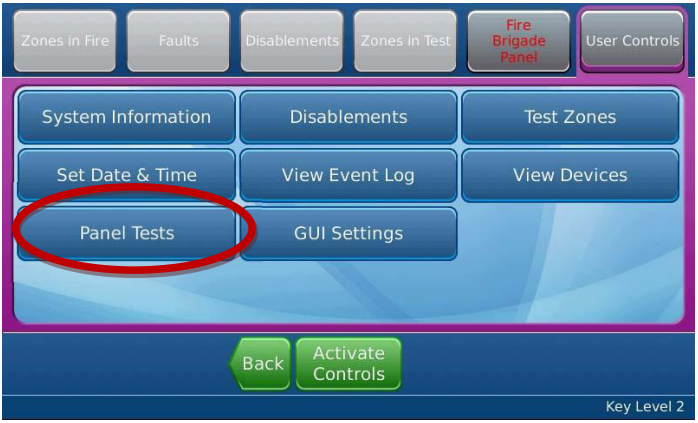


Panel Tests

The following procedure describes how to perform Panel Tests on the Taktis Fire Control Panel.

To perform Panel Tests:

1 Press Panel Tests on the User Controls window.



The User Controls window is displayed with button options for Lamp & Buzzer Test and Display Test:

Press the Lamp & Buzzer Test button to operate the internal buzzer and light all LEDs on the fascia of the fire control panel. Press the Display Test button to provide a series of blank raster colours on the touch-panel-display.

Disable

Disable by point or zone as required. Perform the Disable command after performing commands of Silence Buzzer and Silence Alarm.

Failing to perform these commands before the Disable command can cause an audible warning from the internal buzzer of the fire control panel.

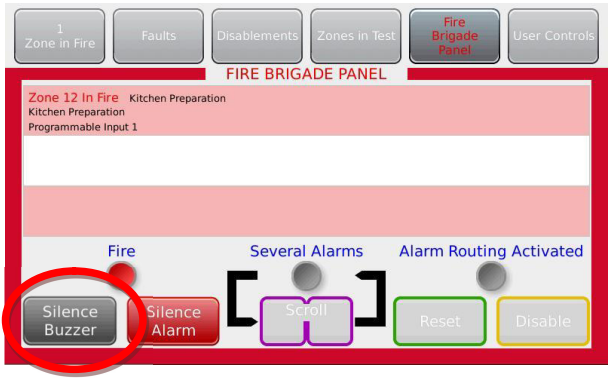
To perform the Disable command during a fire event or test:

Open the cabinet-lid of the fire control panel.

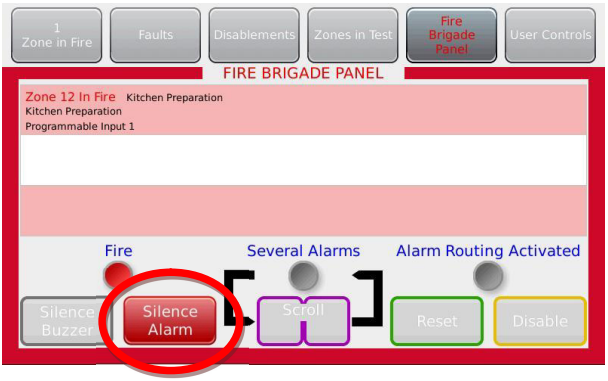
1 Clear Alarm and Fault conditions from external devices.

2 Open the cabinet-lid of the fire control panel.

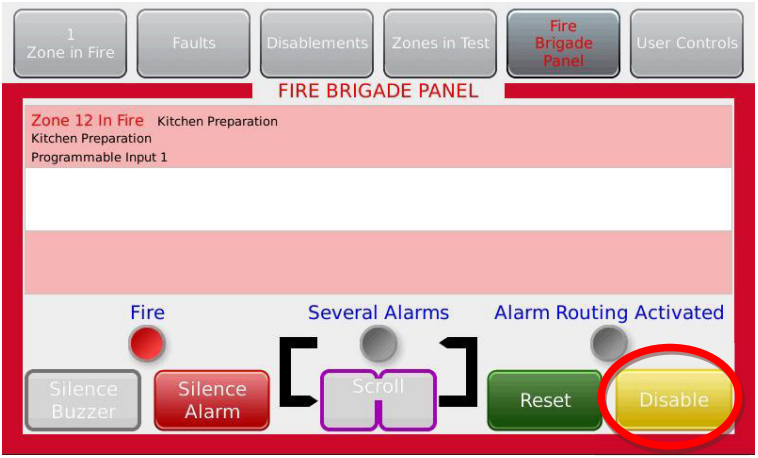
3 Press Silence Buzzer:



4 Press Silence Alarm:



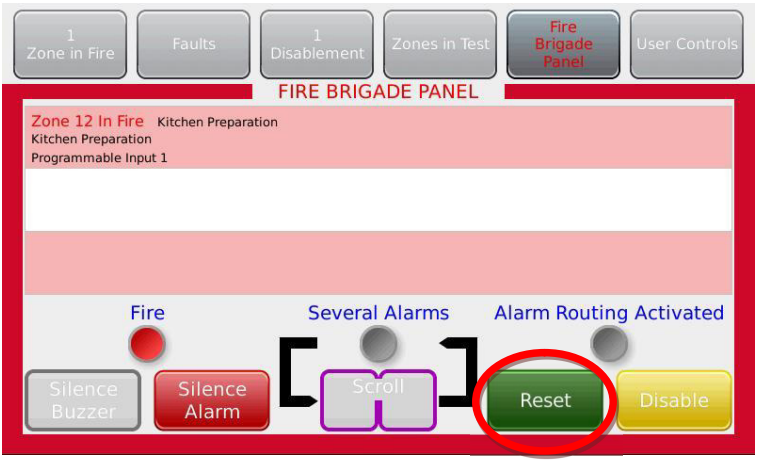
5 Press Disable to disable the desired event.



The General Disablement LED lights during the disablement condition.

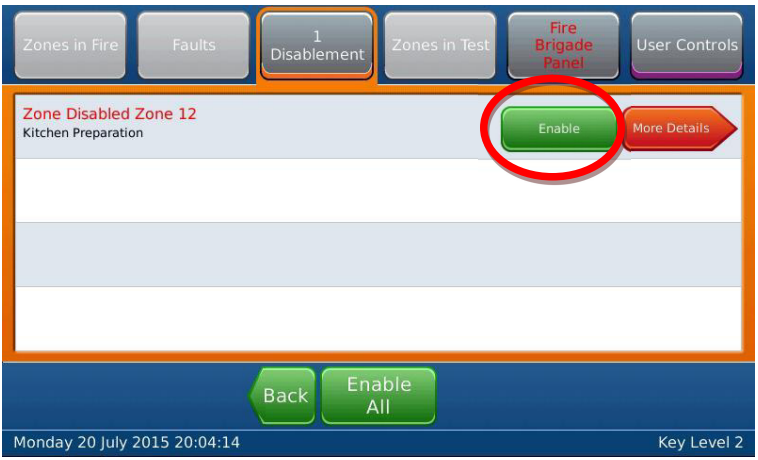
To reset the fre control panel and cancel the disablement condition:

1 Press Reset



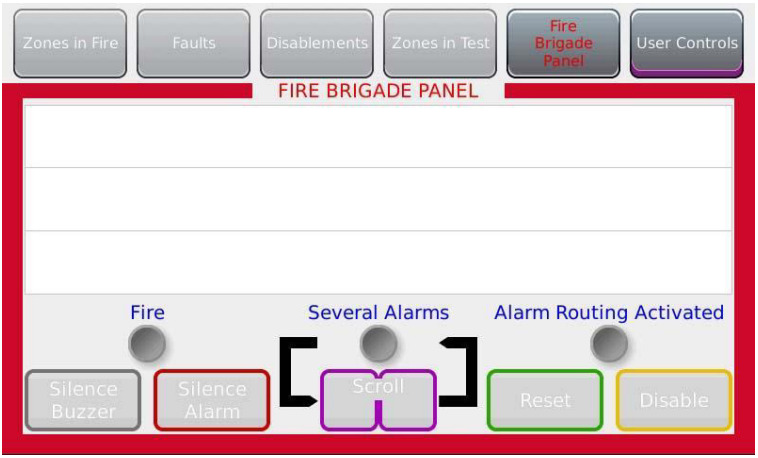
2 Press 1 Disablement.

3 Press Enable.



4 Press the Fire Brigade Panel tab:

The Fire Brigade Panel window is displayed:



Example Disablement Condition

Zone 12 of the Taktis Fire Control Panel must be disabled for plant modifications.

The contents of Zone 12 in this area includes two addressable heat detectors on Loop 1, a call point on Programmable Input 1, a sounder on Sounder 4 and an auxiliary fire control panel connection on the Fire Contact Output of the Taktis Fire Control Panel.

Disablements

Provide disablements in Zone 12 for:

- Disable Panel Sounders
- Disable All Outputs
- Disable Zones
- Disable All Sounders
- Disable All Plant Outputs
- Disable Devices
- Disable Panel Outputs

Login to the Taktis Fire Control Panel using Default User Logged in User Level 2 and then press Disablements on the User Controls window.

The User Controls window is displayed with disablement options:

Disable Auxiliary I/O

Perform this operation to disable auxiliary I/O connected to the fire control panel.

To disable auxiliary I/O connected to the fire control panel:

Press Disable Auxiliary I/O on the User Controls window to display and disable these devices:

The Modules window is displayed:

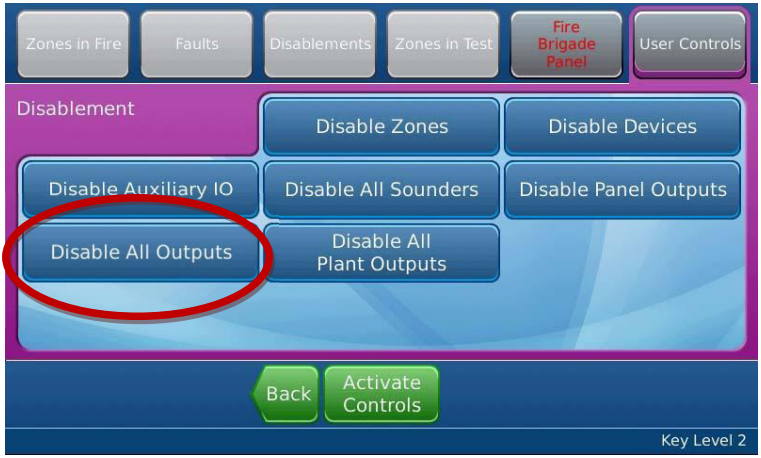
Auxiliary I/O modules are not present on the fire control panel and therefore not displayed on the window for disabling.

Disable All Outputs

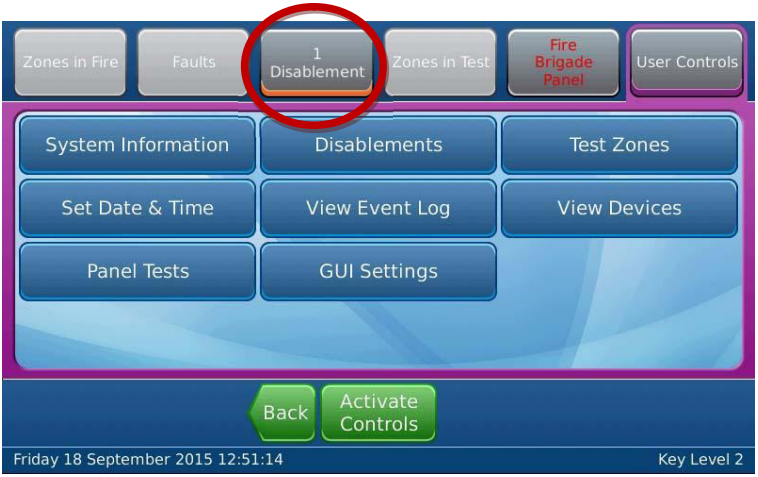
Perform this operation to disable all outputs on the Taktis Fire Control Panel:

To disable all outputs on the fire control panel:

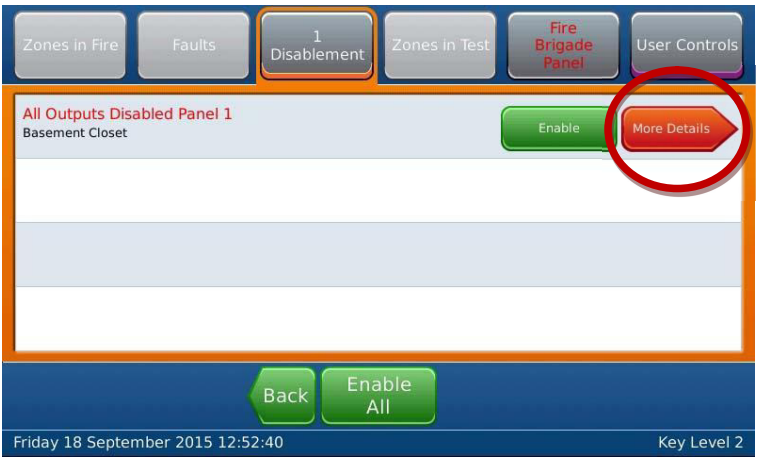
1 Press Disable All Outputs on the User Controls window:



2 Press the 1 Disable tab on the User Controls window:

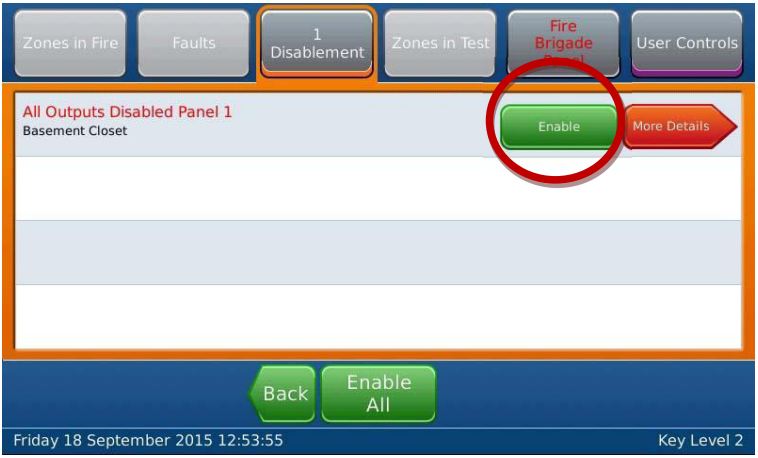


3 Press More Details for more information about the disablements:



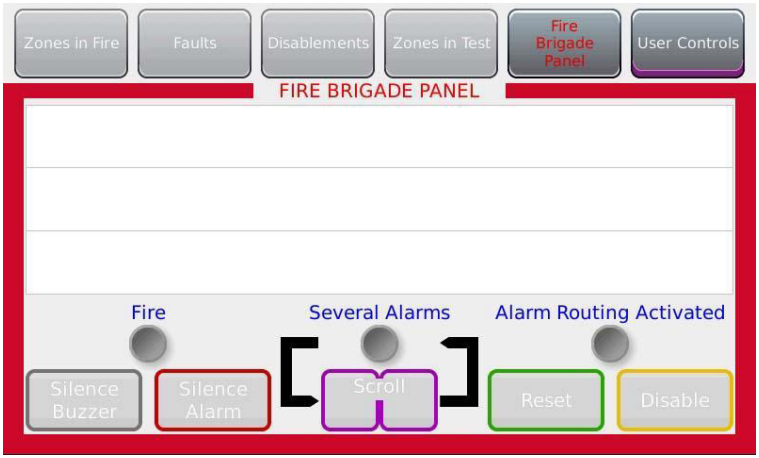
4 Press 1 Disable or Back to return to the previous window.

5 Press Enable or Enable All to re-enable all outputs of the fire control panel.



6 Press the Fire Brigade Panel tab:

The Fire Brigade Panel window is displayed:



Disable Zones

Perform this operation to disable zones on the Taktis Fire Control Panel.

To disable zones on the fire control panel:

1 Press Disable Zones on the User Controls window:

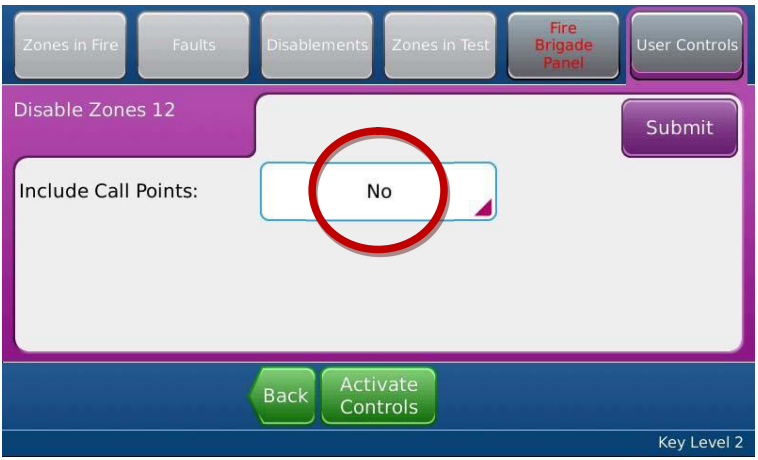
2 Press the empty box adjacent to 12 on the User Controls window.

3 Press Details View on the User Controls window.

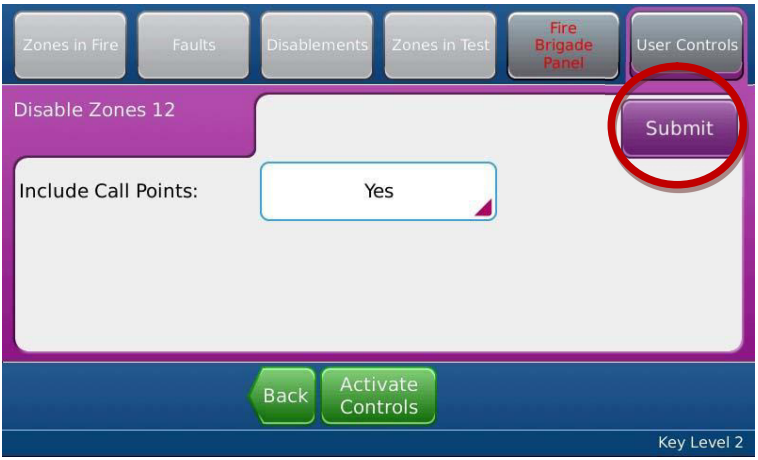
4 Press More three-times to obtain details about Zone 12.

5 Press Submit.

6 Press No to change the field to Yes in the Include Call Points box.



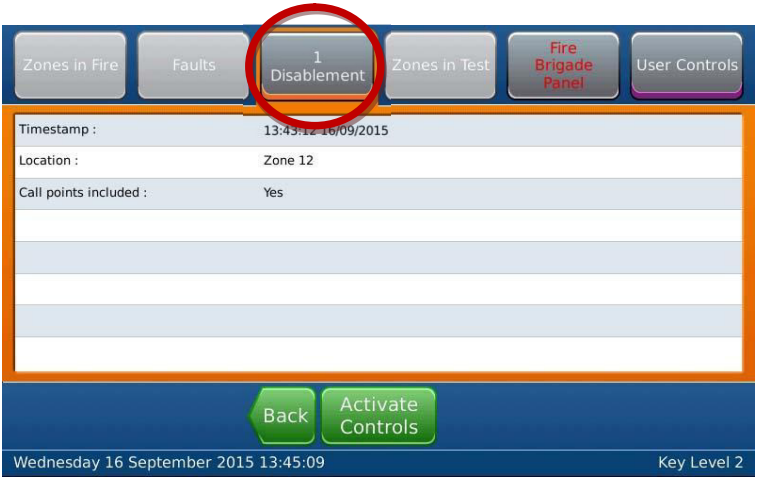
7 Press Submit.



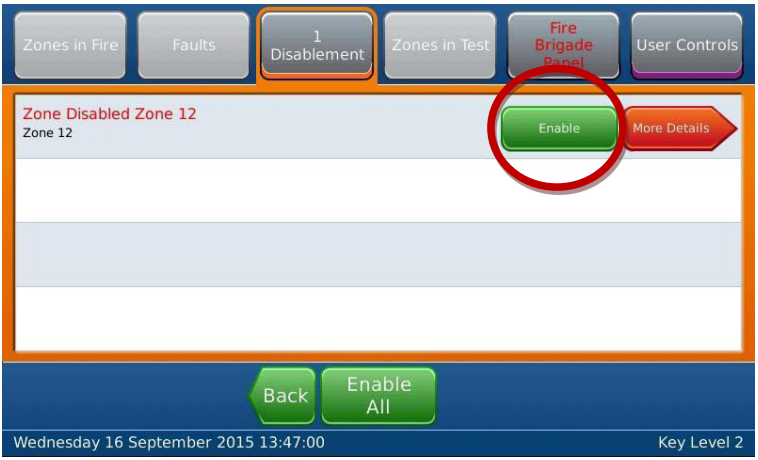
8 Press the 1 Disablement tab.

9 Press More Details.

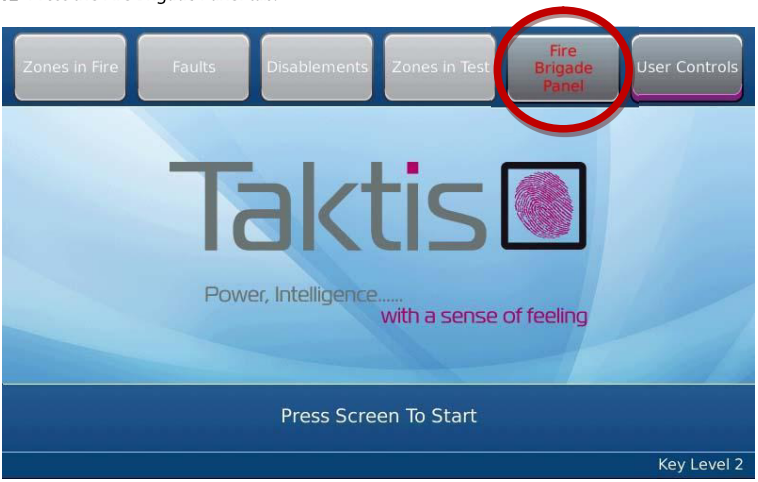
10 Press the 1 Disablement tab.



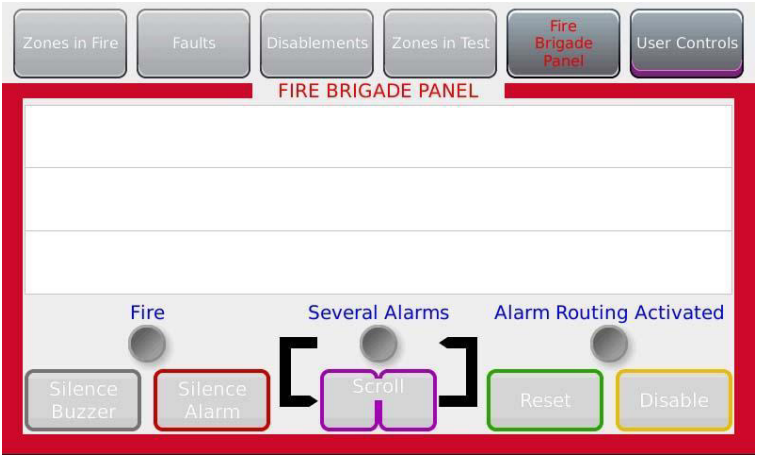
11 Press Enable or Enable All to re-enable Zone 12.



12 Press the Fire Brigade Panel tab.



The Fire Brigade Panel window is displayed:

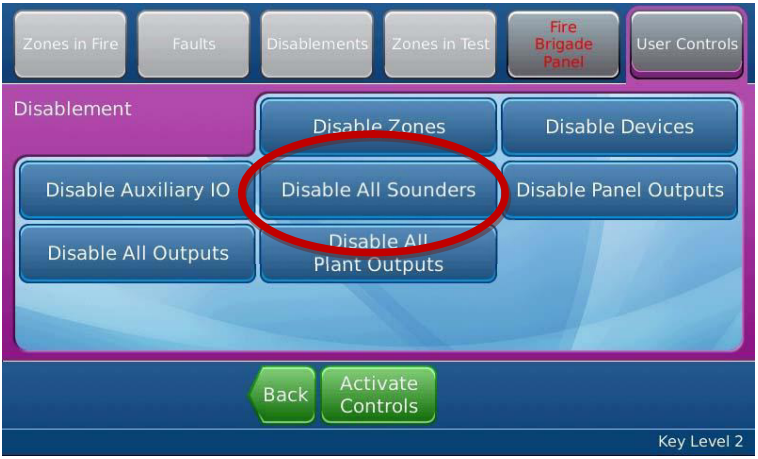


Disable All Sounders

Perform this operation to disable all sounders on the Taktis Fire Control Panel.

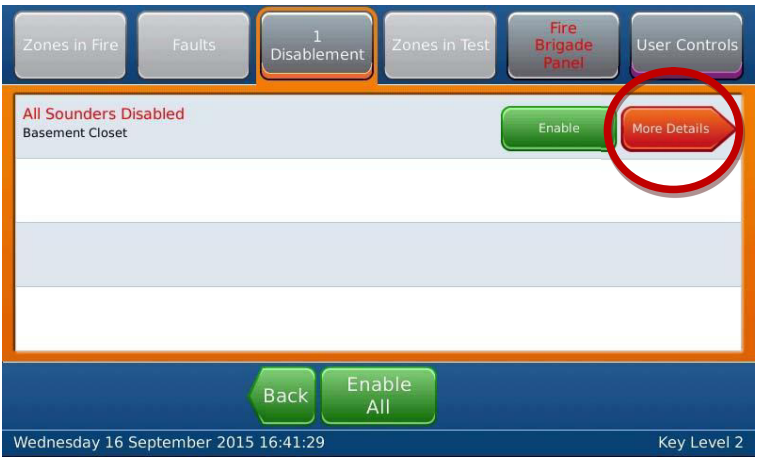
To disable all sounders on the fire control panel:

1 Press Disable All Sounders.

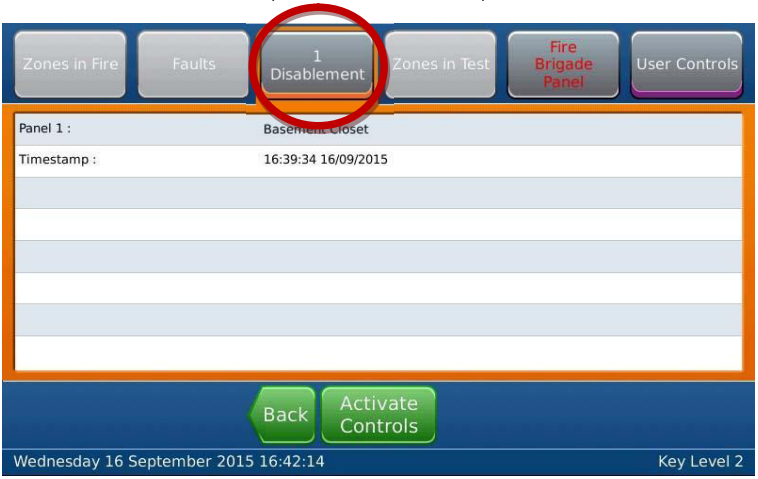


2 Press the 1 Disablement tab.

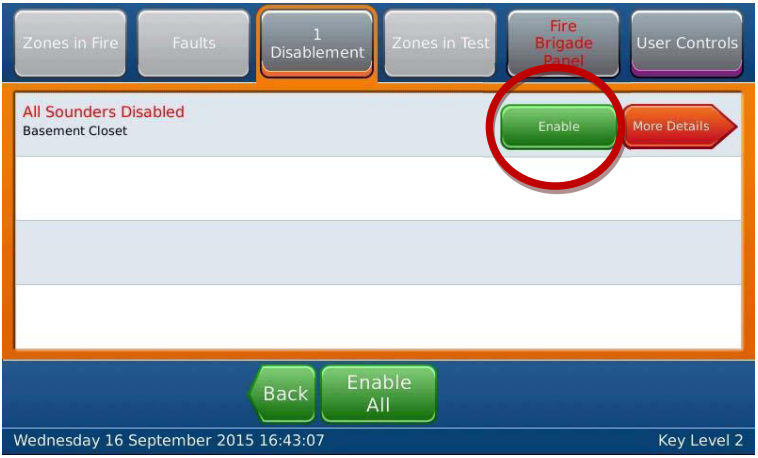
3 Press More Details.



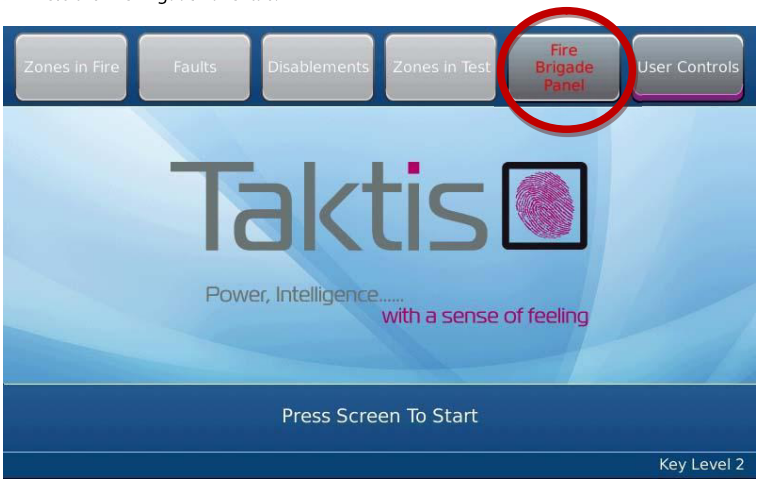
4 Press the 1 Disablement tab or press Back to return to the previous window.



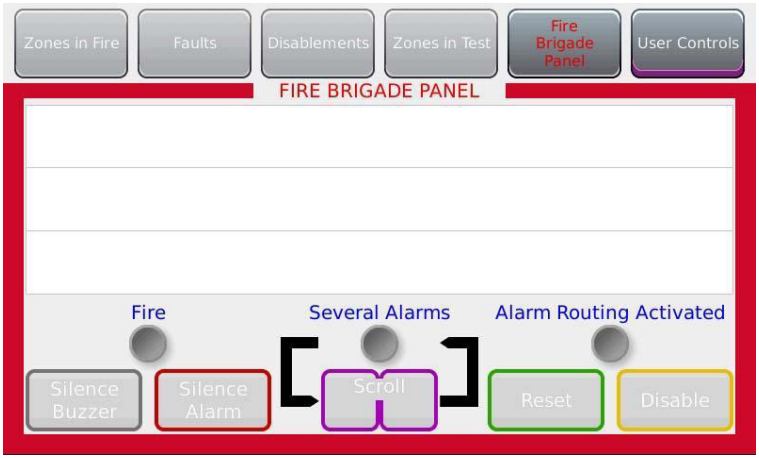
5 Press Enable or Enable All to re-enable all sounders on the fire control panel.



6 Press the Fire Brigade Panel tab.



The Fire Brigade Panel window is displayed:



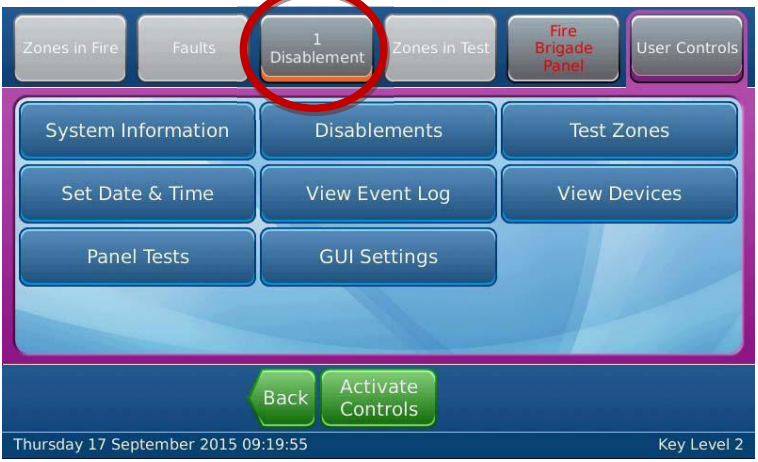
Disable All Plant Outputs

Perform this operation to disable all plant outputs on the Taktis Fire Control Panel.

To disable all plant outputs on the fire control panel:

1 Press Disable All Plant Outputs on the User Controls window:

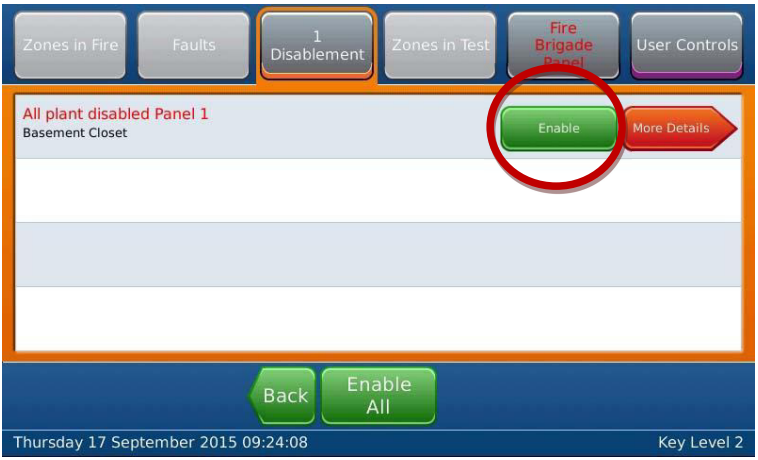
2 Press the 1 Disable tab on the User Controls window:



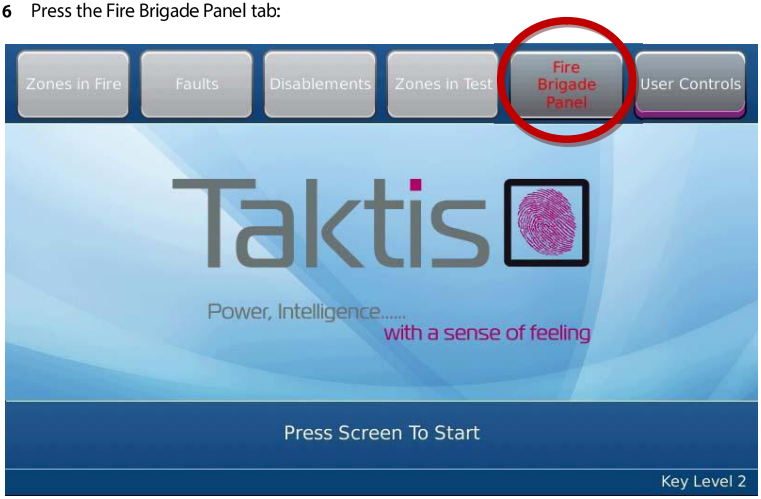
3 Press More Details on the 1 Disablement window:

4 Press the 1 Disablement tab:

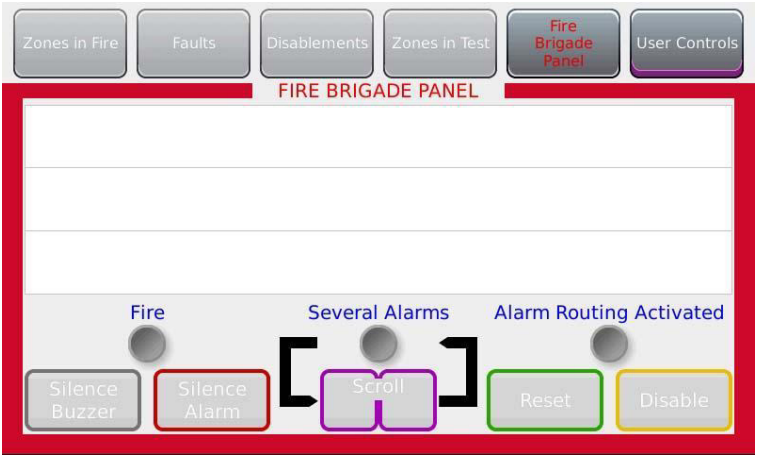
5 Press Enable on the 1 Disablement window:



6 Press the Fire Brigade Panel tab:



The Fire Brigade window is displayed:



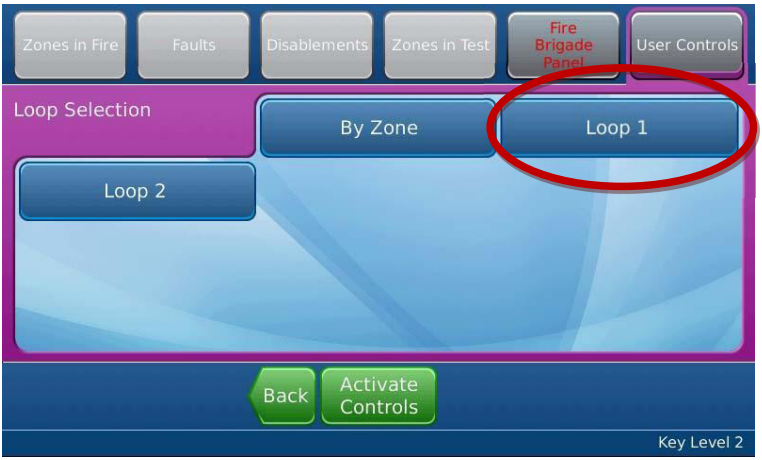
Disable Devices

Perform this operation to disable devices on the Taktis Fire Control Panel.

To disable devices on the fire control panel:

1 Press Disable Devices on the User Controls window:

2 Press Loop 1.

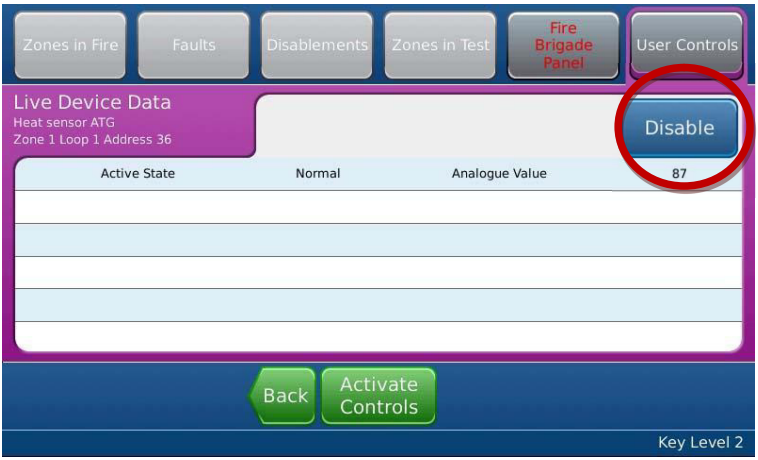


3 Press the Smoke Detectors (2) box.

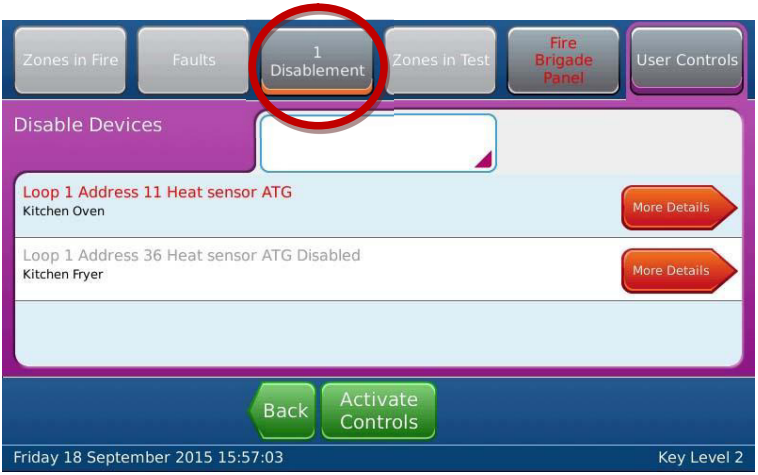
4 Press Show.

5 Press More Details of the heat sensor at the Kitchen Fryer:

6 Press Disable.



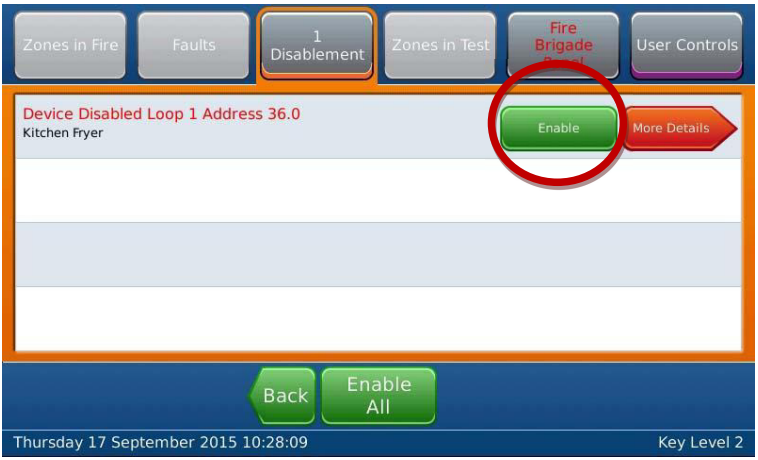
7 Press the 1 Disablement tab.



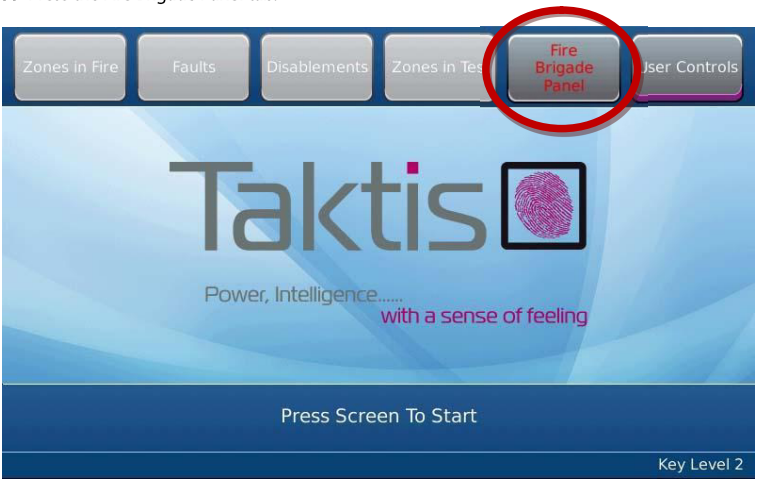
8 Press More Details.

9 Press the 1 Disablement tab.

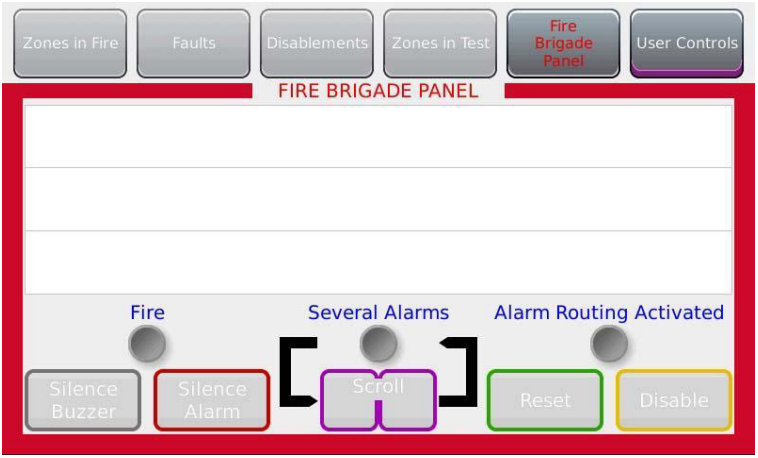
10 Press Enable to re-enable the Hochiki Ionisation detector at the Kitchen Fryer area:



11 Press the Fire Brigade Panel tab:



The Fire Brigade Panel window is displayed:

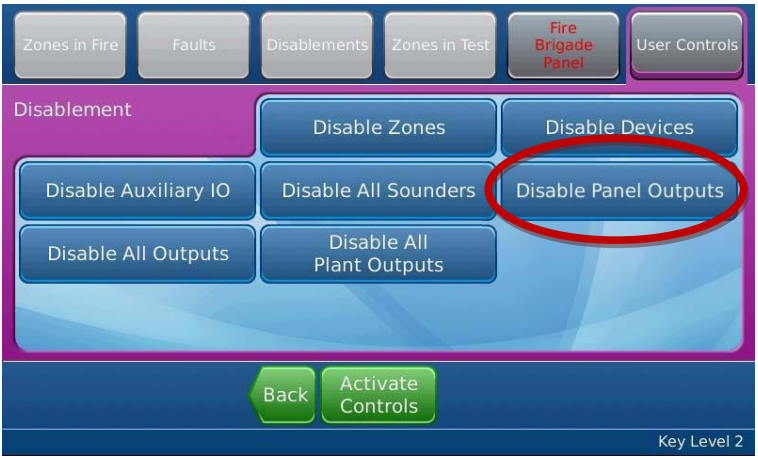


Disable Panel Outputs

Perform this operation to disable panel outputs on the Taktis Fire Control Panel.

To disable panel outputs on the fire control panel:

1 Press Disable Panel Outputs.



2 Press the empty check-box of the Fire Contact Output.

3 Press Details View.

4 Press Submit.

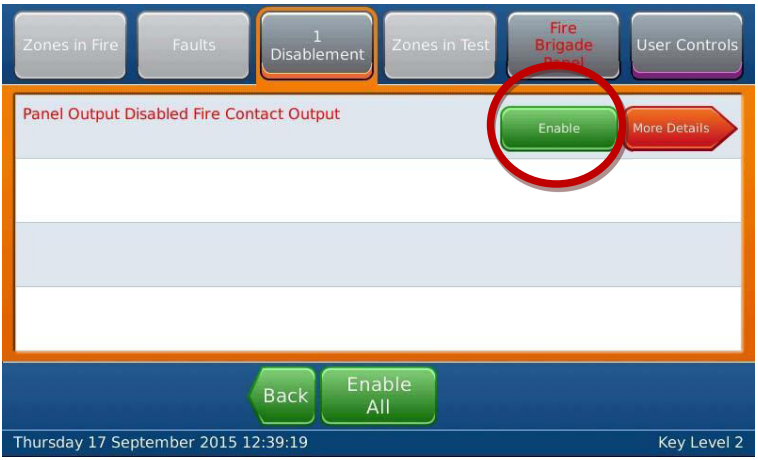
5 Press the 1 Disablement tab.

6 Press More Details.

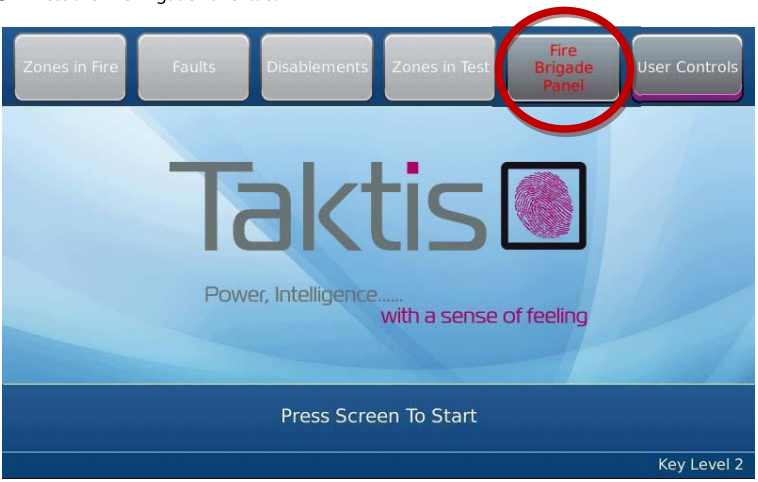
7 Press the 1 Disablement tab or Back to return to the previous window:

Complete the Location field in the image above using Use Loop Explorer 2.

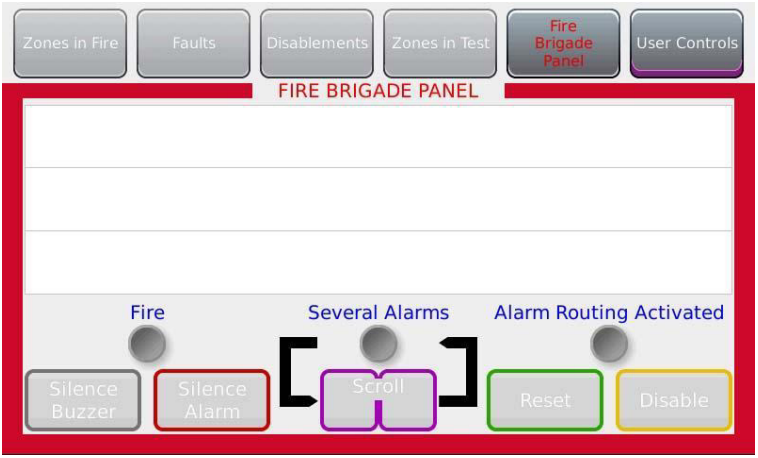
8 Press Enable or Enable All to re-enable the Fire Contact Output.



9 Press the Fire Brigade Panel tab:



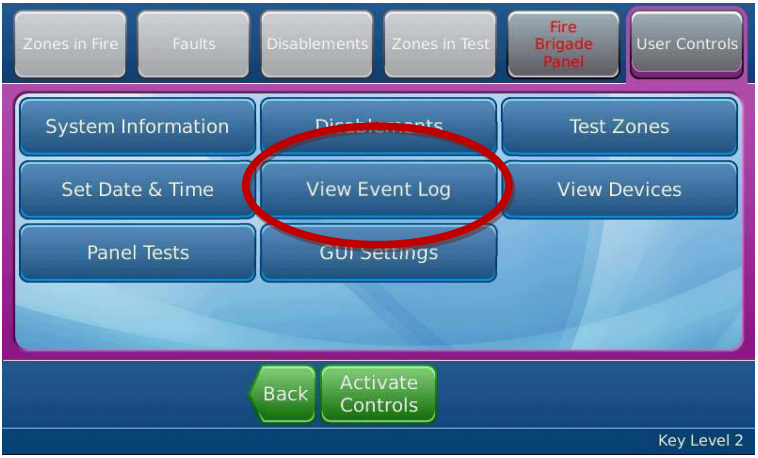
The Fire Brigade Panel window is displayed:



View Event Log

The following steps describe how to view the Filtered Log of the Taktis Fire Control Panel.

1 Press View Event Log on the User Controls window:



2 Press More Details to display additional information about the posted event-message.

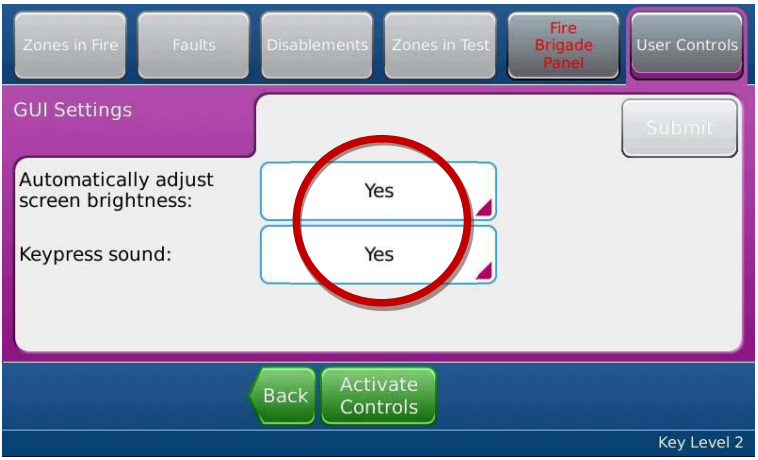
The image provided above is an example rendering of the View Event Log.

GUI Settings

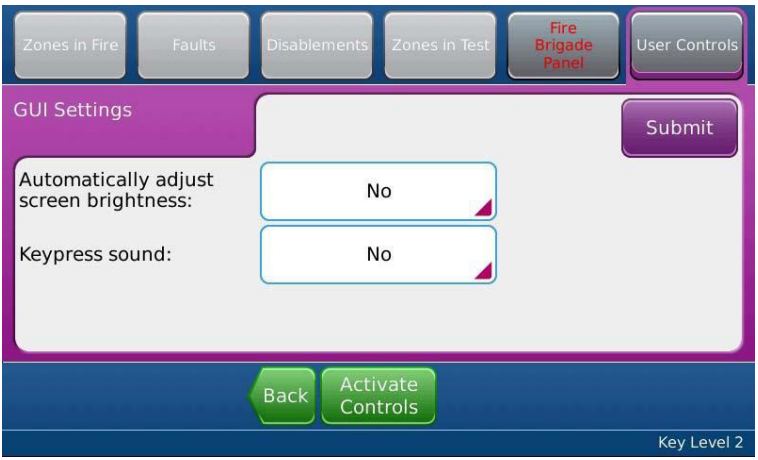
GUI Settings control ambient light and buzzer operation on the touch-panel-display.
The following steps describe how to perform GUI Settings on the Taktis Fire Control Panel.

1 Press GUI Settings on the User Controls window:

2 Press Yes on the fields:



3 Press Submit to disable these features:

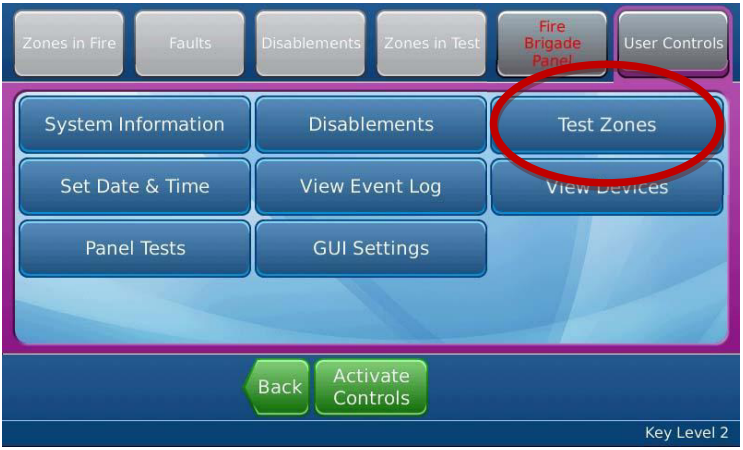


Test Zones

Zone testing places devices of the fire control panel in alarm condition and automatically resets the Taktis Fire Control Panel to confirm activation. Zone tests provide non-latching resets so that operators can conduct testing without resetting the fire control panel between activations.

To Test Zones on the Taktis Fire Control Panel:

1 Press Test Zones:



2 Press the empty box of Zone 12:

3 Press Details View:

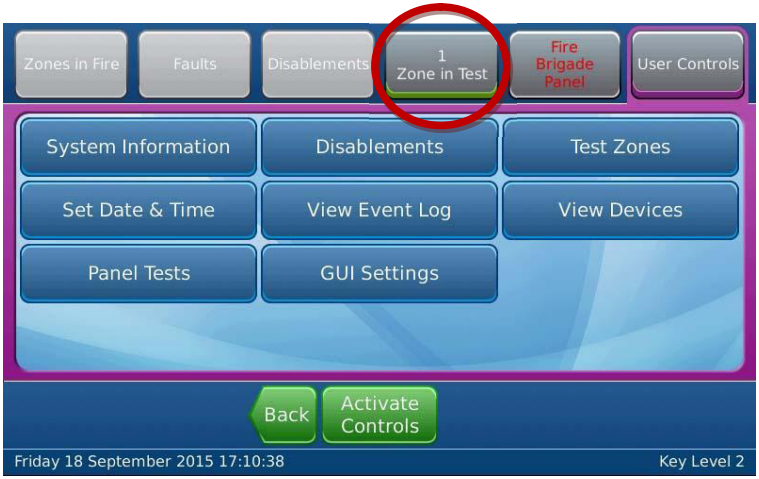
4 Press More several times to scroll to Zone 12:

5 Press Submit:

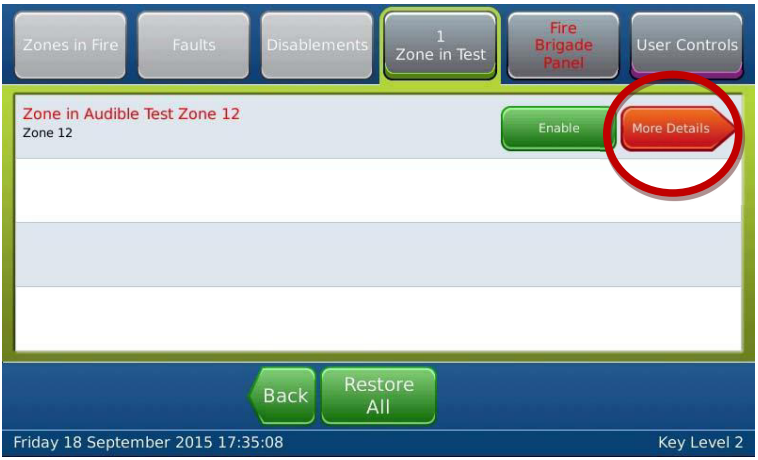
6 Press No on the Sounders On field to change the field to Yes:

7 Press Submit to begin the test of Zone 12::

8 Press the 1 Zone in Test tab:

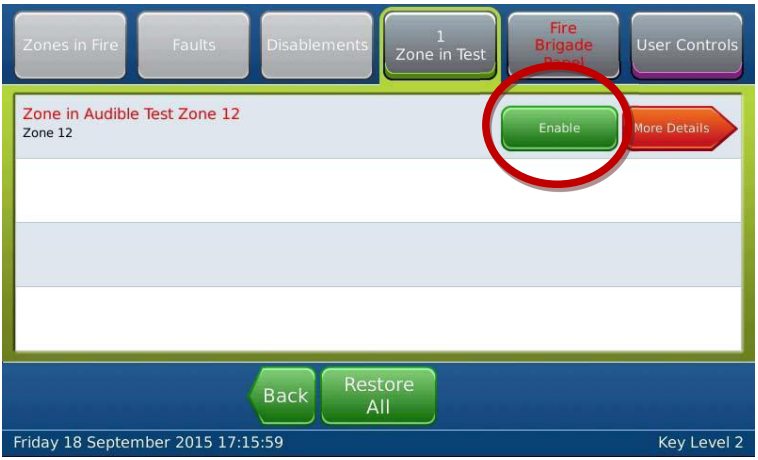


9 Press More Details to display additional information about the Zone 12 test:



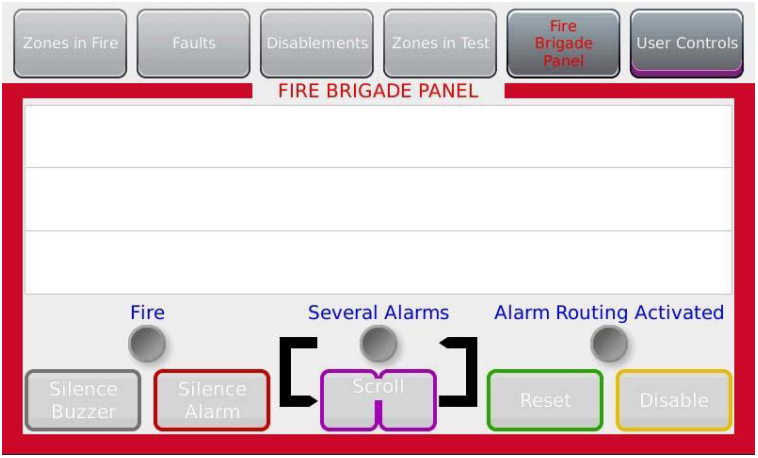
10 Press the 1 Zone in Test tab or Back to return to the previous window:

11 Press Enable or Restore All to cancel the audible test of Zone 12.



12 Press the Fire Brigade Panel tab:

The Fire Brigade Panel window is displayed:

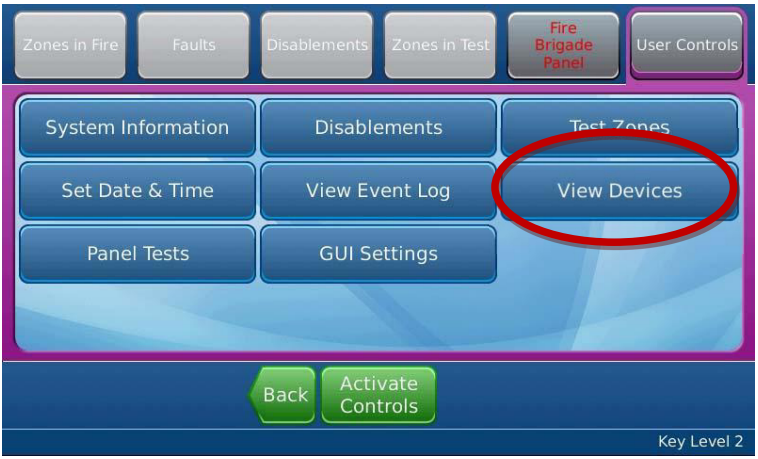


View Devices

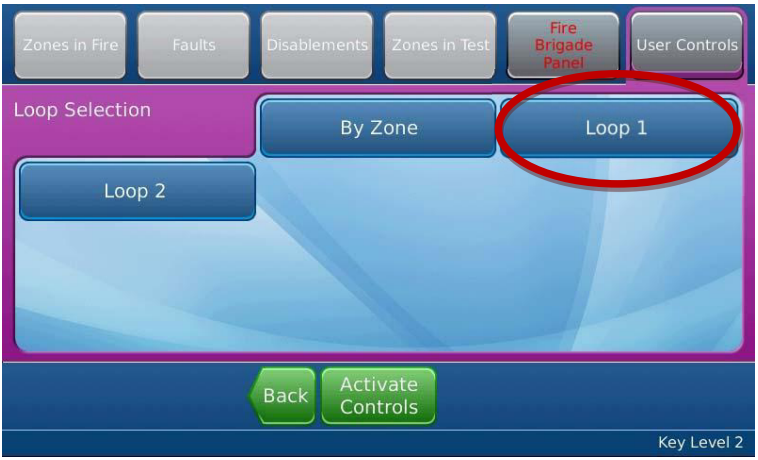
View Devices to inspect zone allocations and zone loop wiring terminations.

To view devices of the Taktis Fire Control Panel:

1 Press View Devices on the User Controls window:



2 Press Loop 1 on the User Controls window::

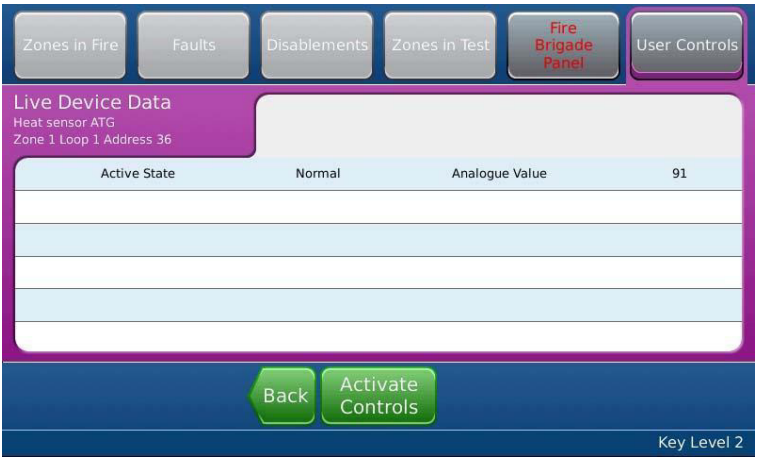


3 Press the empty check-box of All (2):

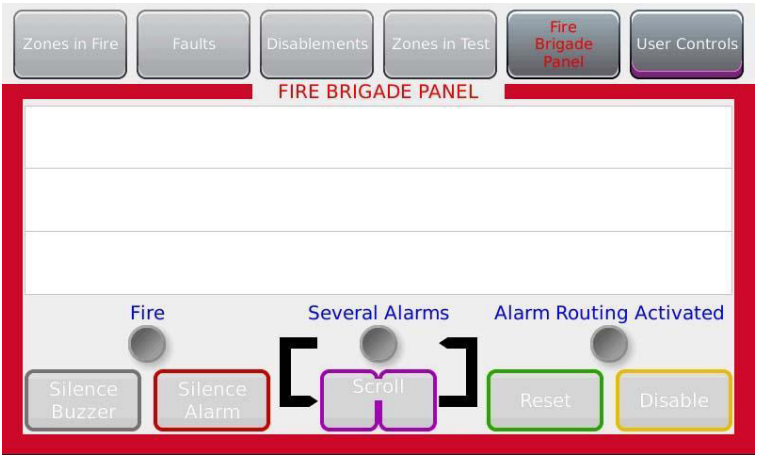
4 Press Show on the User Controls window:

5 Press More Details:

6 Press the Fire Brigade Panel tab:



The Fire Brigade Panel window is displayed:



Notifying the Emergency Contact

Contact the company or individual responsible for providing assistance in the event of an emergency:

Name	
Company	
Primary Telephone	
Secondary Telephone	
Cell Phone	
Address	

incite fire

Sydney

Block Y, Unit 1, 391 Park Road, REGENTS PARK NSW 2143
Mail: PO Box 508 GYMEA NSW 2227
Phone: 1300 INCITE (1300 462 483) | 02 9644 7144
Fax: 02 9644 7255
Email: sales@incitefire.com.au
Technical support: support@incitefire.com.au

Melbourne

Address: Unit 120, 45 Gilby Road, MT WAVERLEY VIC 3149
Phone: 03 9544 2211
Fax: 03 9544 2212
Email: salesvic@incitefire.com.au

Brisbane

Address: 25 Jeays Street, BOWEN HILLS QLD 4006
Phone: 07 3252 5366
Fax: 07 3252 4099
Email: salesqld@incitefire.com.au

Perth

Address: Unit 2, 48 Irvine Drive, MALAGA WA 6090
Phone: 08 9349 2972
Email: saleswa@incitefire.com.au