NOTIFIER® by Honeywell

Notifier INSPIRE E10/E15 Fire Alarm Control panels

Quick reference

CLSS Configuration Tool

Introduction

This document provides step-by-step guidance for the commissioning of the Notifier INSPIRE Fire detection system. It brings together relevant information from different manuals that will provide further details regarding install, setup and use of the Panel, CLSS Configuration Tool and CLSS Cloud Portal (Site Manager).

Contents

STEP 1

The pre-requisite to this step is that it is assumed you have an account and access to CLSS Cloud portal, if you do not have access then follow STEP 1 in the *Licensing Notifier INSPIRE panel Using CLSS guide (4188-1125-EN).*

Create Site / Building / Panel using CLSS Cloud portal

01 Log into CLSS Cloud portal https://fire.eu.honeywell.com/#/home using your company account.

02 Ensure you are listed under Customers and Employee Management and have an active subscription and capabilities.

03 Create a Project in CLSS Cloud portal or select an existing project.
If creating a new project follow 04 to 07.

04 Select 'CUSTOMER & EMPLOYEE MANAGEMENT'  icon and  **ADD NEW CUSTOMER**.

05 ADD SITE(s) + **Add** - these are sites belonging to a customer.

06 ADD BUILDING(s) + **Add** - these are buildings on each customer site.

07 From the ALL Customer drop-down list on the Title bar select the Customer / Site / Building that was just created and select **APPLY**.

08 Select FEATURE ACTIVATION  icon, select **Panel** and then select + **ADD PANEL**- these are panels inside a building:

- Enter the mandatory details and the Panel serial number. You can find the serial number on the Panel box label, CPU-module label or in the System Information in the Settings menu on the Panel.

More detailed information can be found in the *Licensing Notifier INSPIRE Panel Using CLSS (4188-1125-EN).*

STEP 2

Generate License file for a Panel

01 ADD PANEL (continued from STEP 1).

i. Select ACTIVATE FEATURES  'Licenses' for a **Panel.** Select CPU serial number of the panel and select **+ ACTIVATE FEATURES** and assign the required quantity of licenses. As a minimum you will need to select a Country license, then select **ACTIVATE.**

ii. Select **DOWNLOAD LICENSE** to create a license xxxxxxxxxxxx.bin file. Note the file is downloaded, see download folder. The filename reflects the serial number (CPU serial number) of the panel.

Ensure the xxxxxxxxxxxx.bin file is saved and is made available on the Laptop, it will be used when the Tool is connected to the Panel. Repeat this process for every Panel in the Building.

iii. If the xxxxxxxxxxxx.bin file can be re-issued easily on the CLSS Cloud portal, by selecting **DOWNLOAD LICENSE** for the selected Panel.

There are two ways to generate license file for Notifier INSPIRE panel, more detailed information can be found in the *Licensing Notifier INSPIRE Panel Using CLSS (4188-1125-EN).*

STEP 3

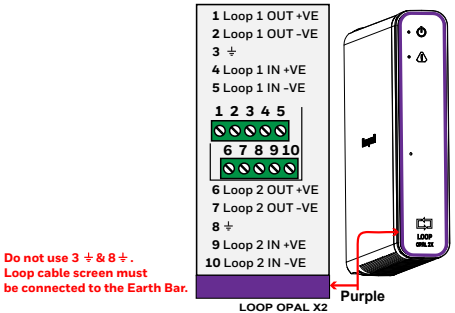
Install Panel and Power up

01 Unbox the panel and install it in the required location in a building. The panel comes with pre-installed power supply. Fit Charger in SLOT 1 and CPU in SLOT 2.

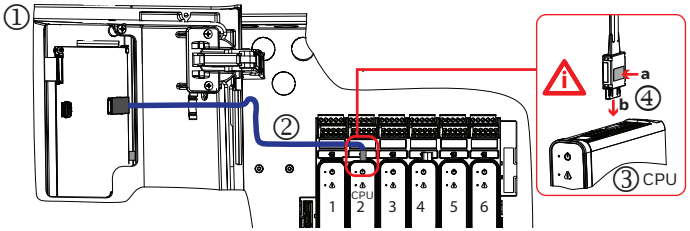
02 Unbox other required modules and plug them into the available panel-module SLOTS. It is advised to start with loop modules first. This will be SLOT 3 (next to CPU) and beyond. Then install other modules as required.

03 Install the required language slide-in label for the LED indications on the front panel.

04 Connect the loop cables to the connectors associated with the loop-modules in the panel.

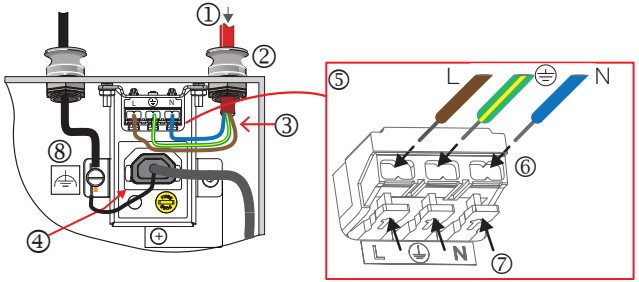


05 Connect the HMI cable to the CPU module.



06 Connect mains and batteries to power up the panel.

> ⚠ It is important to open and lock out the main circuit breaker before connecting any mains supply wiring.



More detailed information on mains connection see Installation instructions (HOP-138-9EN).
It is our recommendation the Panel and Tool software are updated to the latest release. For more information see *Commissioning instructions (HOP-138-8EN).*

STEP 4

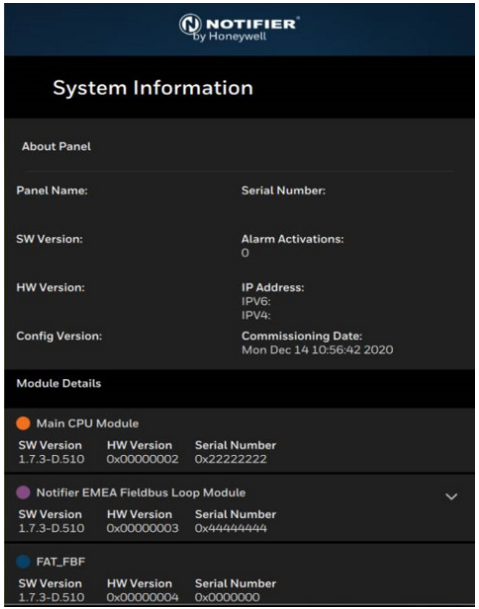
A pre-requisite to this step is that basic loop and wiring checks are carried out, for more information see *Commissioning instructions (HOP-138-8EN).*

Panel first Power up, Learn Devices and Generate default Configuration

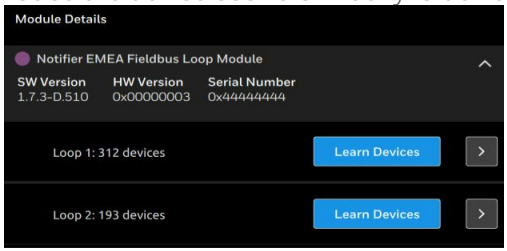
First time the Panel is powered-up it will enter a special *Commissioning mode* to allow loop devices to be learnt and system to be preconfigured for basic operation of fire detection and alarm.

01 Select **Country and Language** from the drop down list and then select **NEXT.**

02 Set **Time and Date** and select **12 / 24 hour** clock format and then select **NEXT**.



03 Notice the 'System Information' screen will pop up and show Modules installed in the Panel. Scroll down to the first Loop Module, select the down arrow on the right to view Loops. Notice the device count is initially '0 devices'.

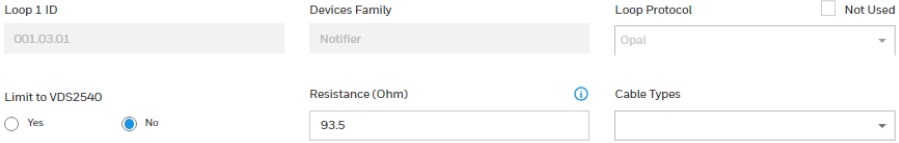


A license is required before a loop can run.

Where a Module is installed in the Panel but not listed in System information, this may be because it is not installed correctly or there may be firmware mismatch.

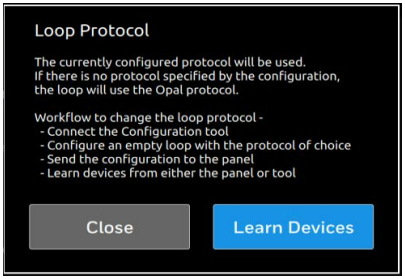
04 Before **Learn Devices** is performed on a loop the panel must first be pre configured using the CLSS Configuration Tool.

Perform STEP 6, 01 and 02. Select **Settings,** 'HMI Settings' and under **Brand Type** select Notifier EN. Under 'Loop Settings' set 'Loop Protocol' to Opal. Enter loop cable resistance. If required select limit to VdS requirement and then select Cable type. However if the loop circuit is not being used then check ☑ Not Used. Then Send the configuration file to the Panel STEP 8, 01 to 04.



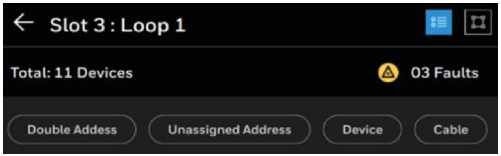
Note: '**Device Family'** can also be set to TC800 and 'Loop Protocol' can be set to Opal or Clip.

05 Select **Learn Devices** to learn devices wired to the Loop circuit. Read the information in the pop up (shown below) and then select **Learn Devices** to acknowledge.



06 Select right arrow to view Learnt devices.

07 Rectify the displayed faults on the loop. Fault can be filtered and viewed. Upon rectification the fault will clear on the display.



Note: You must select <- to return to *System Information* and select **Learn Devices** again if the following has happened:

- Double address fault was found and subsequently rectified, so each device has a unique address.
- Additional device(s) were installed on the loop circuit after the learn process.
- Device type was changed after the learn process, where device head was replaced with a different type.
- Device(s) were removed from the loop wiring after the learn process.

NOTE: It may be necessary to View the learnt devices by selecting  and return to *System Information* to refresh the display.

08 Repeat 04 to 06 for the next Loop circuit.

09 Scroll to the next Loop Module in 'System Information' and Repeat 04 to 07 to ensure Loops devices are learnt.

STEP 5

First time Installation of CLSS Configuration Tool

If compatible Tool is already installed and is running on your laptop then go to STEP 6

It is important to note the **Log-in** and **password** used for CLSS Configuration Tool, CLSS Cloud portal and CLSS App are the same.

The Tool software is accessible to registered users via landing page:

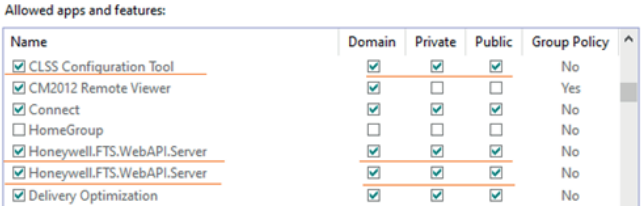
https://buildings.honeywell.com/us/en/lp/notifier-inspire

01 Download the zipped CLSS Configuration Tool software and save it at the Laptop.

02 Double click on the zipped file and follow the instructions on screen to install the software.

03 Connect your Laptop to the internet and check to ensure VPN is disconnected.

04 Open the Tool and login using your CLSS account log in (name@honeywellcloud.com) and password. Note: If you are not able to login to the Tool, Go to Firewall settings > allowed apps and features > Click on the checkboxes for CLSS configuration Tool and Honeywell.FTS.WebAPI.Server. Restart the Laptop and try login to Tool.



05 After login you should select Tool language setting, select and then select the required language from the drop down list. Close the Tool, reopen the Tool to apply the language.

06 Select the previously created Customer and Site in CLSS Cloud portal. Note it might take time for the Site data to appear in the Tool. If it does not automatically appear, click Add-Site and the new project should be visible in the list.

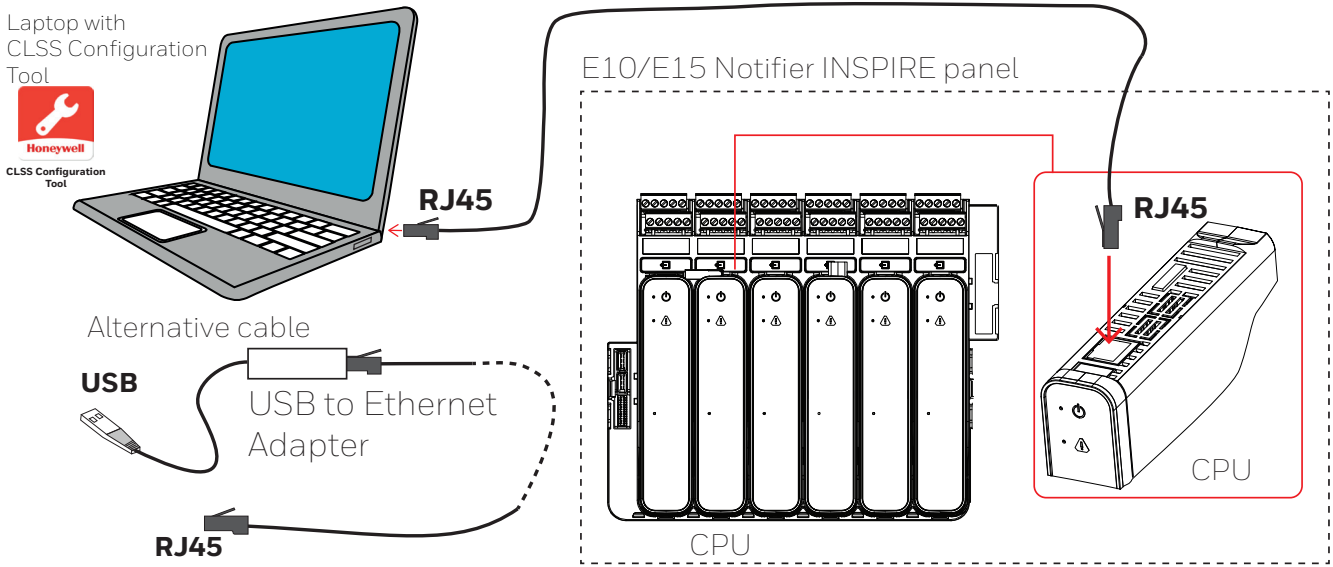
07 Select the required Customer and Site. Now you are ready to connect the Tool to **Add Panel(s)**.

STEP 6

Connect Panel to Tool and Read configuration

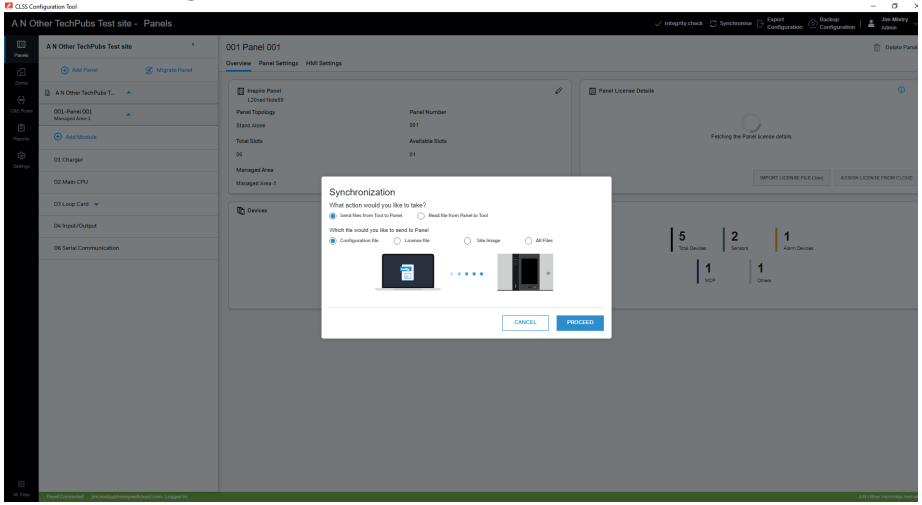
The following assumption is made, the Tool is running on laptop, the Customer Site / building / Panel created in STEP 1 is displayed on the Tool dashboard. Ensure the Modules on the Tool reflect Modules in the Panel.

01 Connect the LAN-cable to the Laptop and Panel CPU.



When the laptop is connected to Panel and if Cisco AnyConnect is installed then a 'Connected to wired' message appears on the bottom green band of the Tool bar. If there is Synchronisation issue then try disconnecting VPN and WiFi.

02 Check VPN is disconnected at the Laptop, next select **Synchronise** on the Tool (top right). When the Tool is connected to the Panel, select a 'panel' and then select **SYNC**, the Synchronisation screen will pop up. The green bar at the bottom of the screen confirms the Tool is connected to the Panel. Also it will bring the Panel to Access level 3/4 status (see top of the Panel display). Access level 3/4 is required to upload-download configuration file.



For Licenses see STEP 8.

03 If the panel requires Firmware Update, then see section headed *Update Panel Module firmware* in the Commissioning manual.

04 Select ◉ *Read file from Panel to Tool* and then select ◉ *Configuration file*.
Select **PROCEED**. A pop up will appear to show 'Panel discovered and successfully imported the configuration data' message. Select **OK** to close. Check the Tool has captured the loop device data and also the default configuration.

STEP 7

Edit Panel configuration in CLSS Configuration Tool

The Tool can be used off line without the need connection to the internet.

01 Select the relevant 'Panels' icon on the left and select a Panel to configure in the Tool.

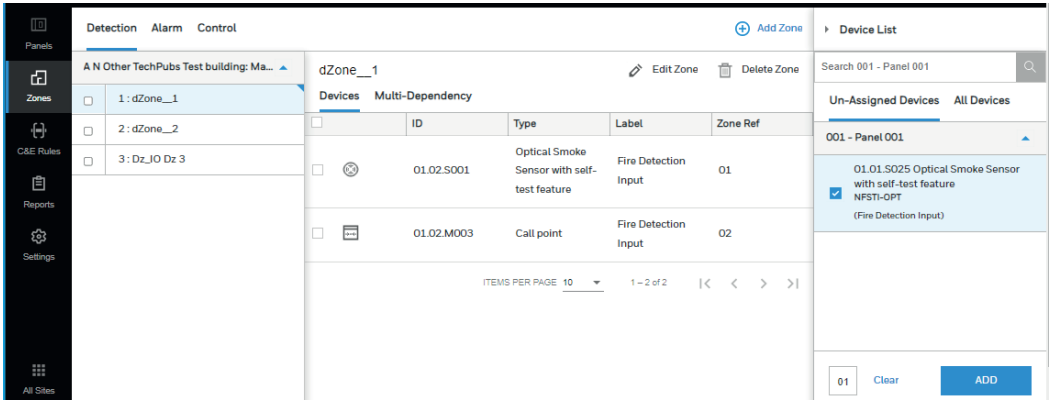
02 If a default configuration is required then select **C&E Rules** and the select **One In All Out**. With this selection a Fire event in any Managed Area will trigger an Evacuate in all Alarm Zones and Activate all Control Zones. Go to STEP 8 to apply this default configuration by selection of 'Send Configuration' only, otherwise go to 03.

Selection of **One In All Out** will overridden any previous configuration of C&E held at the panel.

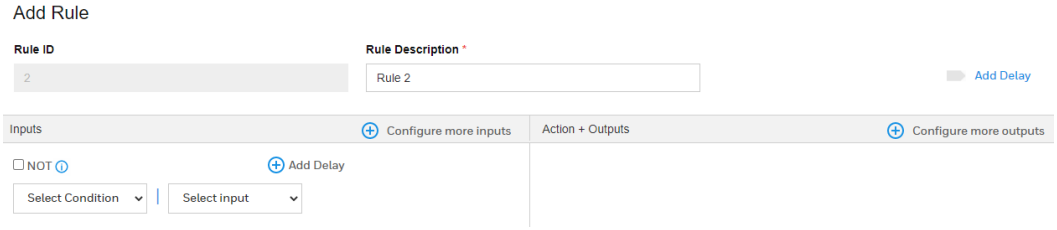
03 Edit the configuration:

- Panel number
- Go to **HMI Settings** tab
  Configure Events and Control and ensure Building, Managed Area, Event scope and Mandatory Outputs are selected. Override panel settings and select a logo file to upload. Select Country and Language. Configure Zonal indications, select Fire display by Zone or Device and set Lamp Test operation.
- Assign panel Modules to slots, configure Panel Modules, configure the loop Devices and loop Modules learnt.
- Create only required zones to which devices are assigned. Note there are 3 types of zones.
  a) Detection zones for all detectors and call points or detection ~~alarm~~ inputs.
  b) Alarm zones for all alarm devices (Sounders, strobes, outputs driving AV).
  c) Control zones (control inputs or outputs)
- Edit zone properties for each Zone type, to include Building and Managed Area.
  Note: Only the first 32 characters of a label is displayed on a ID3K panel in a mixed network of Notifier INSPIRE and ID3K panels.
- Assign devices to zones.
  a) Select zone type and zone number.

b) Select **Device List** located on the right, do not use < > & ' " in label text as they are not supported..
c) Select the required devices for this zone in the **Un-assigned devices** list and click **ADD**.
Make sure all devices are assigned to a zone, if not this will be reported by the Panel as 'Configuration Invalid'.



- Create Cause and Effect control matrix, Select **C&E Rules**.
a) Select **New Rules** located on the left.
b) Enter required rule equations



The Tool automatically saves the configuration, however for some changes you are prompted to select **Save**.
More detailed information can be found in *CLSS Configuration Tool User guide (4188-1124-EN)*.

STEP 8

Send Configuration, License and Image files to Panel

You will need the xxxxxxxxxxxx.bin license file created in STEP 2 and a logo image file. Ensure VPN is disconnected.

Decide on which file(s) you want to Send from the Tool to Panel. You can send a Configuration file, License file or Site image file independently or All of these files together from Tool to Panel.

01 Connect your Laptop to the Panel.

02 Select the  **Panels** icon and select  **Synchronise**.

03 Select a ◉  **001 Panel** to configure and then select **SYNC.**

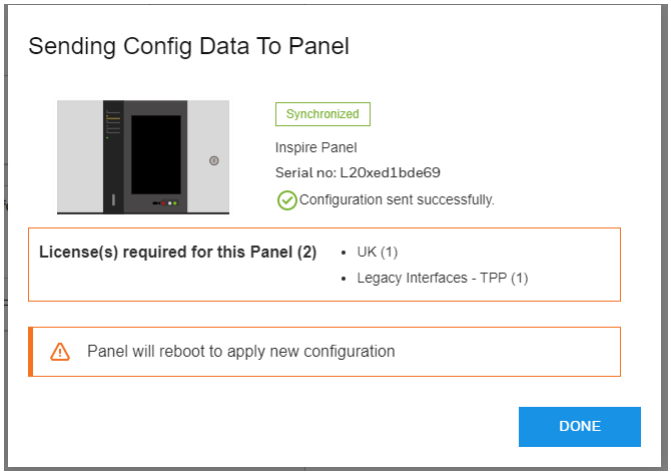
04 Ensure the ◉ **Send Config** file from **Tool to Panel** is chosen.

05 Select which file you would like to send to the Panel, ◉ Configuration file, ◉ License File ◉ Site Image file or ◉ All Files.

If a Site Image is selected then an Image file must have been first uploaded under **Settings-> HMI Settings -> Site Image. Image file can be .png 750kb size.**

06 Select **PROCEED** and if there are warnings given during the Integrity Check then note these and if necessary **CLOSE** and take rectification action before returning to Synchronisation.

07 Select **SEND CONFIG** to send the configuration data to the Panel. Note the panel will reboot automatically and apply the new configuration.



The Tool will display successful transfer of configuration file, if there are Licence required then this will be indicated here, select **DONE** when finished.

The Panel will automatically reboot again and apply the sent configuration.

NOTE: If license transfer fails, then at the Laptop having Windows 10 go to Start Menu > Control Panel > Programs and Features > Turn Windows features on or off > .NET framework 3.5 is enabled (if not enabled, please enable > click **OK** > restart of Laptop is required). Try the process again.

STEP 9

Add / Change / Delete devices on a loop circuit (Learn Devices from Tool)

In case devices are to be Added, Deleted or Changed on a loop after commissioning of the Panel. Such as for example additional devices are wired to the loop, existing devices are removed from loop wiring or device type replaced with a different type from that originally installed on the loop, then follow this procedures:

01 At the Panel disconnect respective loop connector from the backplane.

02 Proceed with installation work.

03 Reconnect loop connector to backplane.

04 Open the Tool, select the relevant loop and click **LEARN DEVICES**.
This will allow adding, deleting and changing of devices to your existing configuration.

05 Configure the added and replaced devices.

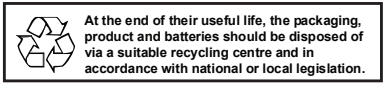
06 Finally, re-send the configuration to the Panel, see STEP 8.

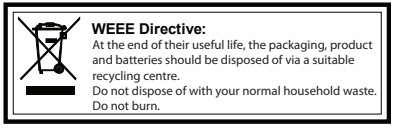
STEP 10

Test the system

01 Having gone through the above process will result in a fault free system which can be operated and tested.

02 More detailed information can be found in the *Operating Instructions (HOP 338-9EN) and Commissioning manual (HOP-138-8EN).*





NOTIFIER® by Honeywell

Honeywell Building Technologies, Building 5 Carlton Park, King Edward Avenue, Narborough, Leicester, LE19 0AL, UK

Technical support:
https://buildings.honeywell.com/us/en/lp/notifier-inspire

Website:
www.notifierfiresystems.co.uk