

# **FIREWATCH BASE 4"**

## **FW5000-210**



FIREWATCH Base - 4" base is an easy-fit 4" base, compatible with FIREWATCH latest detector ranges.

Single base that supports isolated FIREWATCH detectors

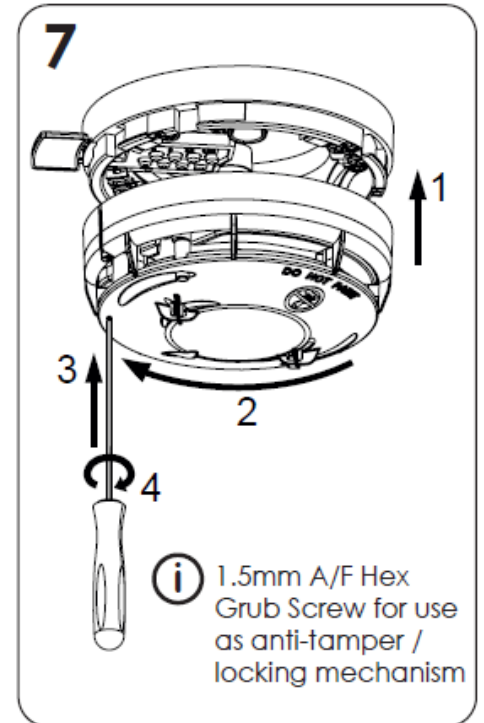
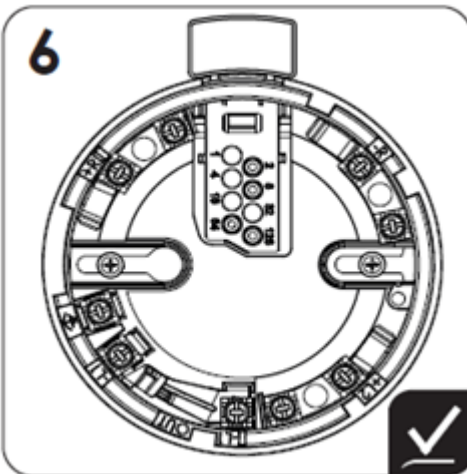
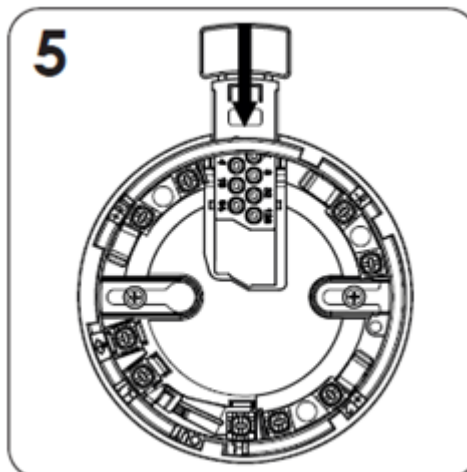
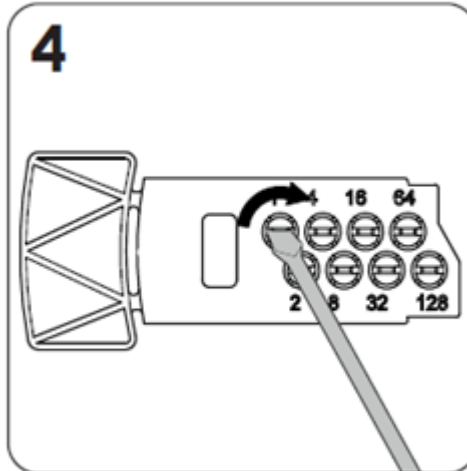
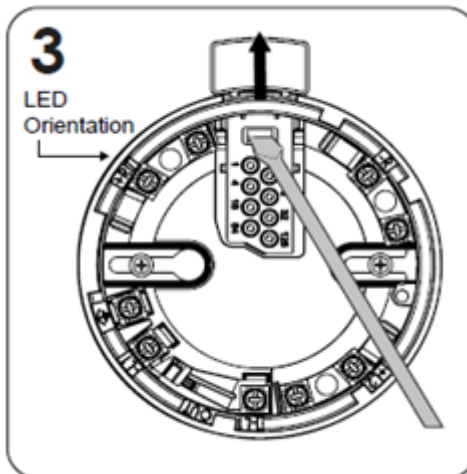
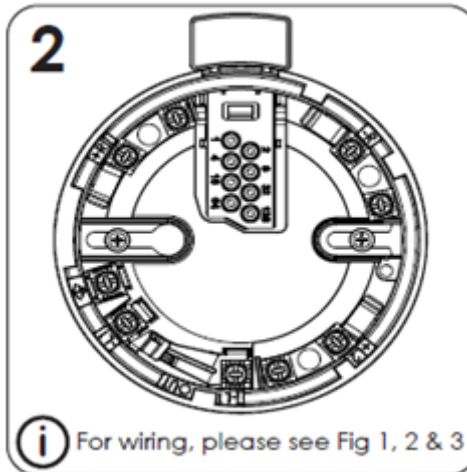
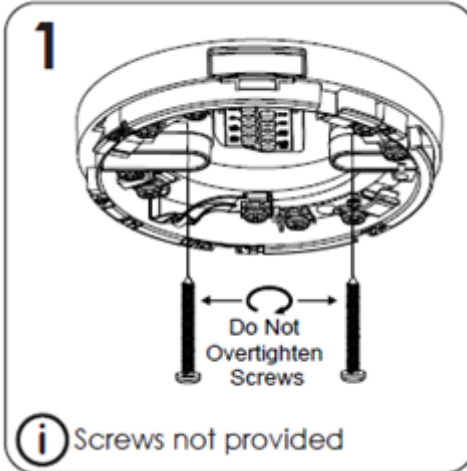
8 bit address card for additional address support when used with FIREWATCH detectors and CoreProtocol

Designed to replace shallow and deep bases

Easy-fit, easy to install and saving time

## Fire Watch

### 7<sup>th</sup> Edition Detector Installation Instructions

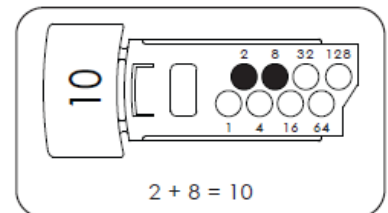


#### XPERT 8 Card Addressing

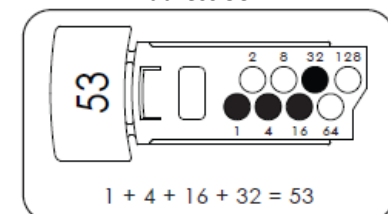
Remove the pips to set the desired device address. The pip numbers are added together to set the address.

For example:

Address 10



Address 53





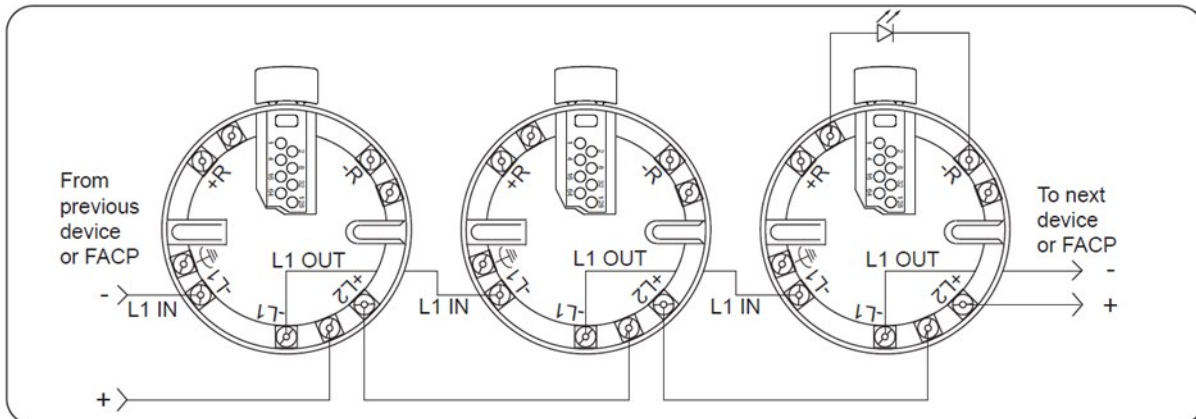
# FIRE WATCH

Safety is our World

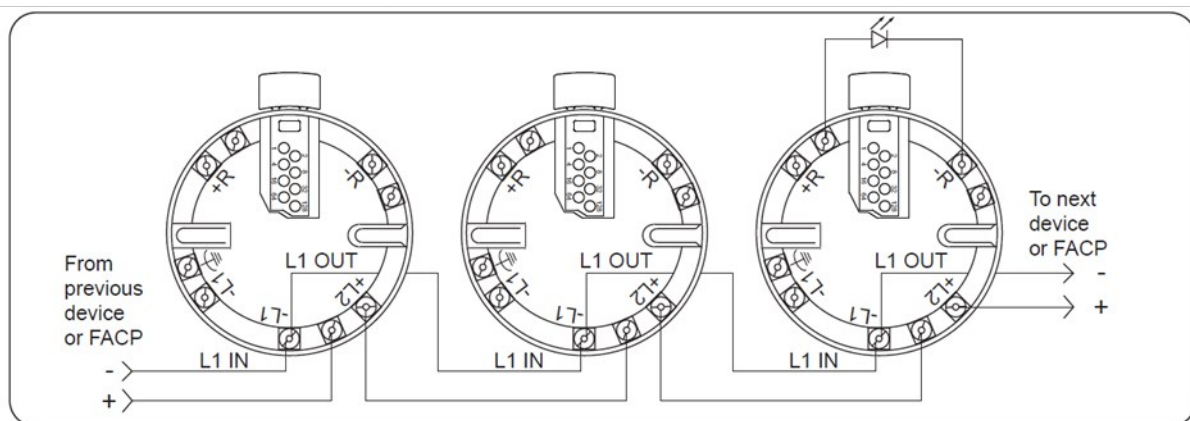
## Wiring

**CAUTION:** Do not use looped wire under wiring terminals. Break wire run to provide supervision of connections. Terminals L1 and L2 are polarity sensitive. It is recommended the wiring be no smaller than 18AWG (0.8mm<sup>2</sup>). Wire sizes up to 14 AWG (3.3mm<sup>2</sup>) may be used.

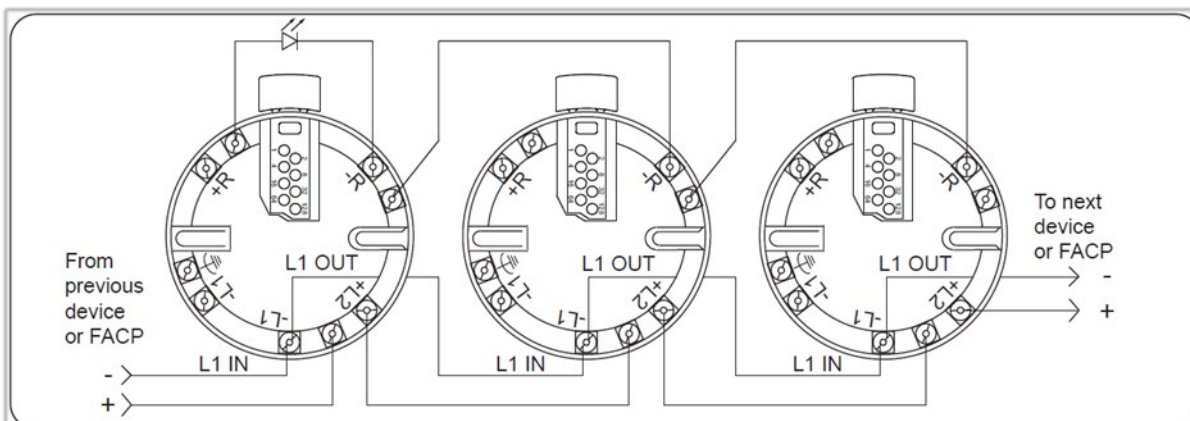
**Warning: Check the base compatibility before installing**  
**Check the polarity for FW UL detector installation**



**Fig. 1** Schematic Wiring Diagram: FW UL Base wiring with remote LED connection. To be used with new installs for FW UL detectors



**Fig. 2** Schematic Wiring Diagram: Soteria UL Base Detector to bypass isolator with remote LED connection. Can also be used when the isolator feature is not



**Fig. 3** Schematic Wiring Diagram: FW UL Base to bypass isolator with a Common Remote LED. Can also be used when the isolator feature is not required

## General

These instructions apply to the Fire Watch UL bases. Please refer to the table and other information below on how to install the bases.

Applicable Wiring Diagram (page 3)	Applicable Products
Fig. 1 - New Installs (supports isolation)	SA5000-210 – FWUL Base - 4" FW5000-230 - 6"
Fig. 2 - Retrofits or Isolator bypassed with a Remote LED	FW5000-210 - 4" FW5000-230 - 6"
Fig. 3 - Retrofits or Isolator bypassed with a Common Remote LED	FW5000-210 - 4" FW5000-230 - 6"

## Installation

These products must be installed in accordance with the applicable NFPA standards, local codes and jurisdictional authorities. Failure to follow these instructions may result in failure of the detectors to report an alarm condition. Fire Watch Detectors Limited is not responsible for detectors which are improperly installed, maintained or tested.

Before installing these products, check the continuity, polarity and insulation resistance of all wiring. Check that installation is in accordance with the re system drawings and conforms to all applicable local codes such as NFPA 72.

Use 3" octagonal box for direct connection to the base. 4" octagonal and 4" square boxes may be used with compatible UL listed mounting brackets. When mounting on a wall, install 4" to 12" from the ceiling. Secure the base to the electrical box with appropriate screws.

**Do not overtighten the screws.** For information on how to set the address of each device correctly refer to the section 'XPERT 8 Card Addressing'.

If you are using shielded cable, please follow these additional instructions:

Connect the shield to the Earth Ground terminal on the base 

When shielded cable is used, the shield must be terminated according to the instructions provided with the Fire Watch fire alarm control panel.

Unless instructed otherwise, ensure that all segments of the shield has functional Earth continuity and ensure that it is isolated from building Earth (also known as protective Earth (PE) points such as metalwork, cable trays, and junction boxes.

### Please note:

Smoke detectors are NOT to be used with detector guards unless the guard is listed for use with the detector.

Where detectors are installed for signal initiation during construction, they shall be cleaned and verified to be operating in accordance with the listed sensitivity, or they shall be replaced prior to the final acceptance test of the system. Where detectors are installed but not operational during construction, they shall be protected from construction debris, dust, dirt, and damage in accordance with the manufacturer's recommendations and verified to be operating in accordance with the listed sensitivity, or they shall be replaced prior to the final acceptance test of the system. Where detection is not required during construction, detectors shall not be installed until after all other construction trades have completed cleanup.