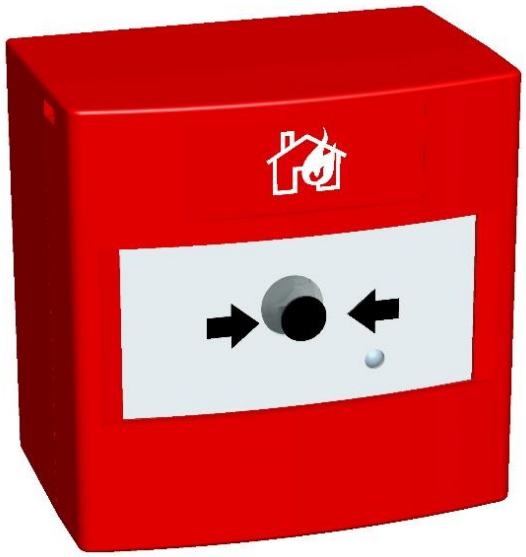
GENERAL DESCRIPTION

The EK-WL8-CP is a wireless manual call point that mimics the feel of breaking glass whilst offering the user the benefits and environmental advantages of a re-settable operating element. It has been designed to meet the requirements of the Standard AS ISO 7240.11:2018.



An activation indicator drops into view at the top of the window after the call point has been operated. The call point can be easily reset with a key and ready for re-using immediately.

The device is supplied with a mounting kit.

The product complies with the requirements of the AS ISO 7240.11:2018 and AS ISO 7240.25 standards.

TECHNICAL SPECIFICATIONS

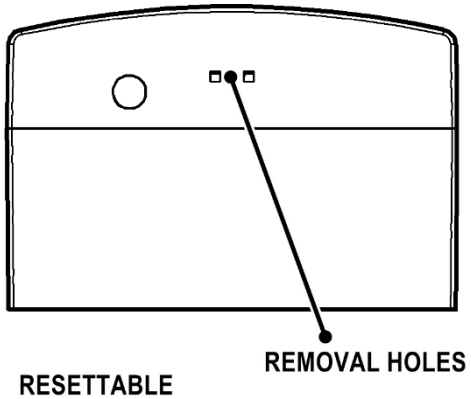
Communication range with a translator or expander	1200 m
Radio frequency	918-926 MHz
Modulation type	GFSK
Operating frequency channels	6
Radiated power	Not more than 25 mW
Receiver category (EN300-220-1)	1.5
Test transmission message period (typical)	120s
Battery life: Primary battery (type CR123A) Secondary battery (type CR2032)	 8-10 years Not less than 3 months (after primary battery low fault)
Dimensions (with the base)	87mm x 87mm x 59mm
Weight	170 g
Max tolerated humidity	95% RH
Operating temperature range	From –10 °C to +55 °C

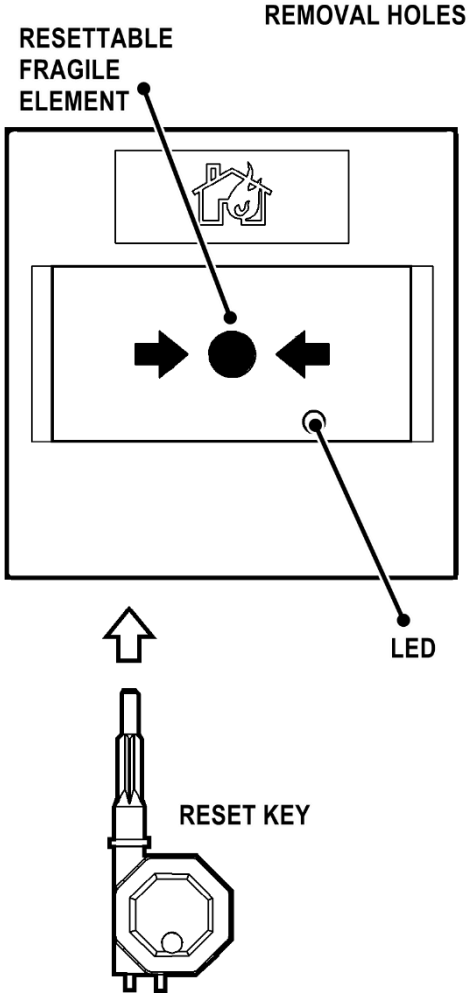
NOTE Check the latest version of the product specification document STFV.425211.012-E-PS for further data, obtainable from the manufacturer.

FEATURES

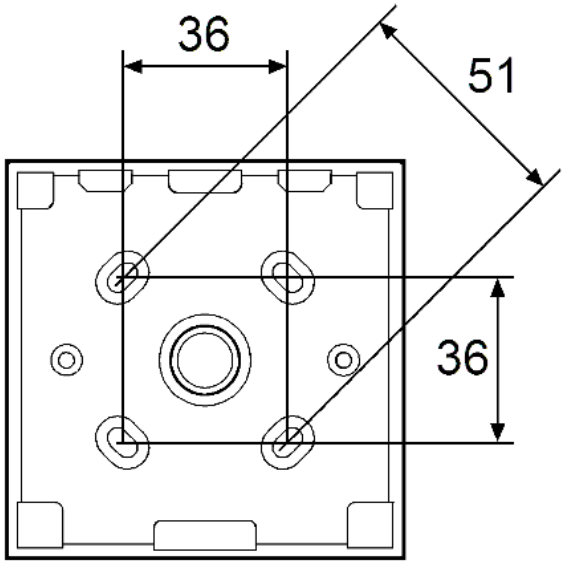
- Bi-directional wireless communication
- Intelligent algorithms
- Tamper switch
- 10-year battery life
- Self-optimizing wireless frequency and amplitude algorithms

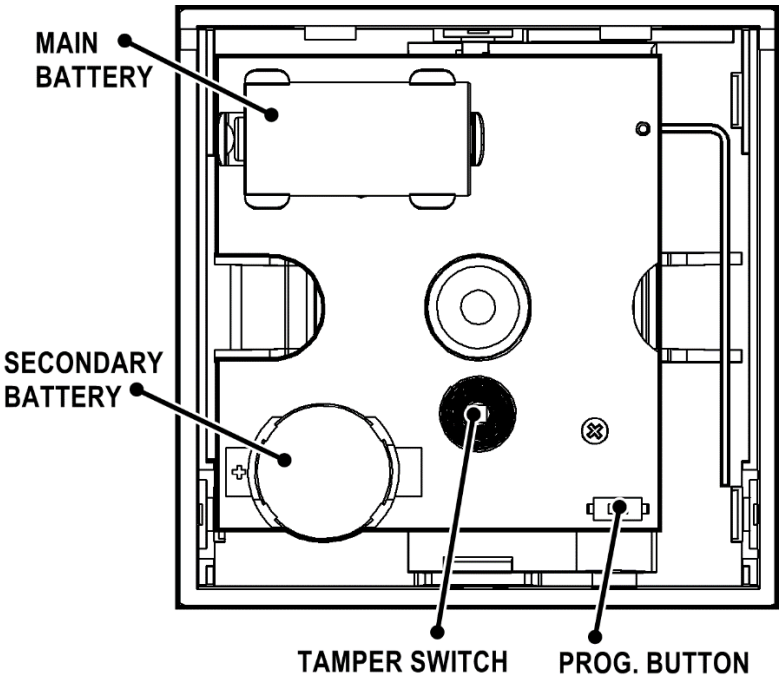
GENERAL OVERVIEW





The dimension for drilling





PROGRAMMING

Remove the blocking film from primary battery clips. Wait for about 12 seconds.

The “Prog.” button on the call point is used for initializing the device in the system. Please refer to the translator manual for full instructions on how to add a device to the system. The device can also be initialized using the “Ekho Configuration” software.

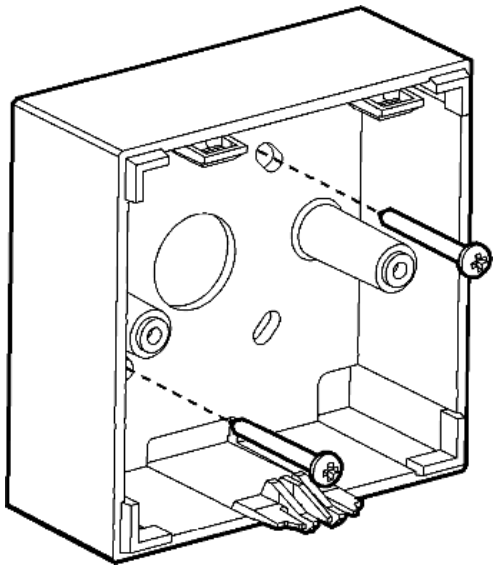
INSTALLATION AND TESTING

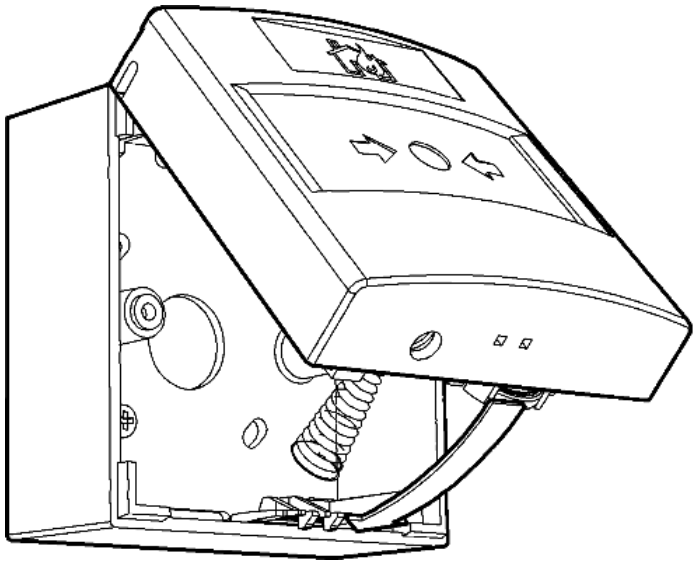
Link the call point to the EK-WL8-TRH translator.

Verify that communication between call point and translator is correctly working.

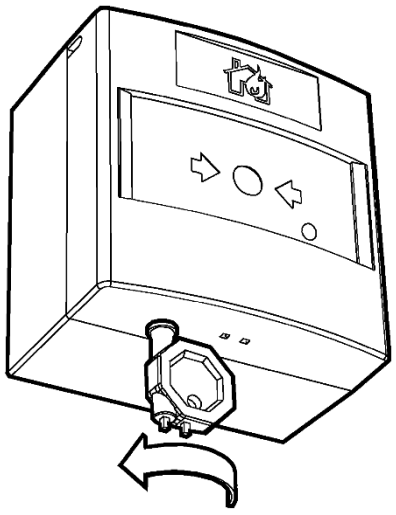
Choose the installation position taking into account national directives.

Install the back box with the screws provided and insert the call point.





Test the device by pressing the non-frangible glass element. The device will send an alarm message to the control panel.



To reset the call point put the reset key in the hole and rotate it anti-clockwise and reset the system with a command from the control panel.

For disassembly (for example, to change batteries) you should insert the forked side of the reset key into the removal holes and pull the call point to release from the back box.

INDICATION AND TESTING

The device has a LED which indicates its state according to the following:

LED indication	Device's state
No indication or green flashes	Standby mode
Yellow flashes every 4 seconds	Fault state – low battery
Red flashes every 2 seconds	Fire alarm

ANALOG DATA

The device provides the translator module with analog data about air temperature and voltage levels on its batteries. This information can be viewed in the "Ekho Configuration software.

By analyzing the voltage levels, you can manage maintenance procedures and predict when you will have to replace the batteries. Please refer to the software manual for full instructions on how to use the program for system maintenance.

WARNINGS & LIMITATIONS

Devices use high quality electronic components and plastic materials that are highly resistant to environmental deterioration. However, after 10 years continuous operation it is advisable to replace them to reduce the risk of reduced performance caused by external factors. Ensure the devices are only used with compatible control panels. Detection systems must be checked, serviced and maintained on a regular basis to confirm correct operation.

Refer to and follow National Codes of Practice and other internationally recognized fire engineering standards. Appropriate Risk Assessment should be carried out initially to determine correct design criteria and updated periodically.

WARRANTY

All devices are covered by a 3-year limited warranty (does not apply to batteries). The warranty is voided by mechanical or electrical damage caused by incorrect handling or usage. Product must be returned via an authorized supplier for repair or replacement along with full information on the identified problem.

BATTERY REPLACEMENT

When a battery requires replacement, both batteries must be changed together.

a. Open the case of the device.
b. Remove the batteries.
c. Insert the new batteries as detailed in the installation manual above – take care to observe + / - polarity.
d. Close the case of the device.
e. Test the device in accordance with the manufacturer's instructions.

It is recommended to change both batteries after 10 years of operation regardless of their indicated discharge level.

To replace the batteries, use Panasonic CR123A (primary battery) and Varta CR2032 (secondary battery) or other with similar characteristics. The batteries must meet the following standards: UL 1642 lithium batteries, UL certified at www.ul.com or IEC 60086-4 Primary batteries, Part 4: Safety of lithium batteries.

The remaining shelf time of the new batteries must be not less than 8 years.

Failure to observe these instructions will void the device warranty and any liabilities.

CAUTION

- Replacement batteries must be of the same type.
- Do not expose used batteries to fire, hot ovens, or mechanical crushing/cutting as this can result in an explosion.
- Exposing batteries to extremely high environmental temperatures can result in explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

DISPOSAL

- Follow local regulations regarding disposal of the batteries.

Certified Product™
Australian Standard
SAI Global
Lic SMK 41078

ABN No
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