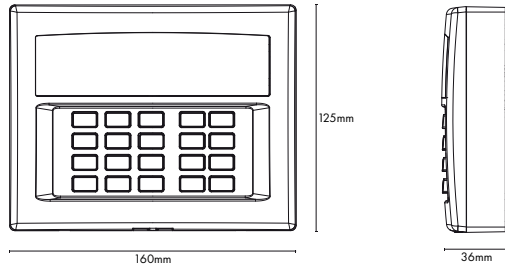


# WIRELESS LCD

Part code: LCDRKP-WE  
SAP code: 361301937

## Contents

- [Product Overview](#)
- [Installation](#)
- [Keypad Menu](#)
- [Relearning or Resetting](#)
- [Signal Strength](#)
- [Battery Information](#)
- [Product Warning Information](#)
- [Warranty](#)



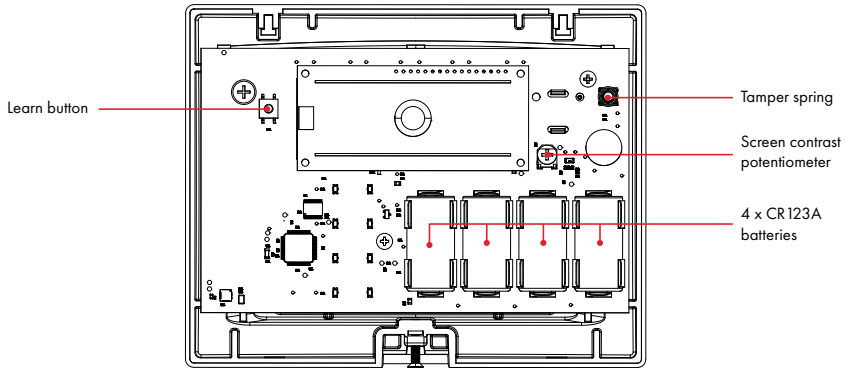
## Specification

## Value

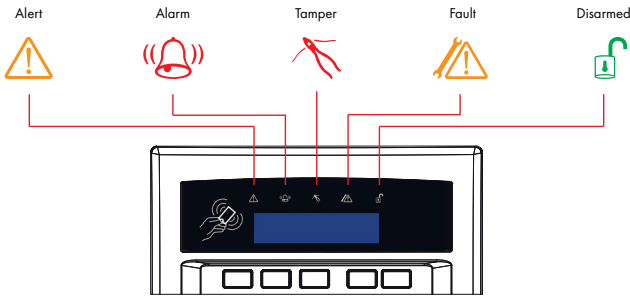
Dimensions and weight (W x H x D)	160 x 125 x 36mm, 375g	
Casing	White, 3mm ABS polycarbonate	
Status LED colours	Amber, red and green	
Tamper protection	Front and rear	
Transmission method	Fully Encrypted Rolling Code	
Transmission frequency	868MHz FM Transceiver Narrow Band	
Transmission range	~300m in free space	
Battery type	4 x 3.0V 1.3Ah CR123A	
Low battery threshold	2.4V +/- 5% @ 25°C	
Battery life	2 years typically	
Operating temperature	-10°C to 40°C	
Storage temperature	-10°C to 40°C	
Compatibility	Enforcer V11	v11.40 or later
	Enforcer wireless HUB	v5.5 or later
	EURO 76	v11.00 or later
	Wireless ZEM	v5.5 or later
Security grade (SG)	2	
Environmental class (EC)	II	
Standards	Security	CE marking
	BS EN 50131-1: 2006 + A3: 2020 BS EN 50131-3: 2009 BS EN 50131-5-3: 2017 BS EN 50130-5: 2011 PD 6662:2017	ETSI EN 301 489-1:V2.2.3 (2019-11) ETSI EN 301 489-3: V2.3.2 (2023-01) BS EN 61000-6-3:2021 BS EN 50130-4: 2011 + A1: 2014 EN 62368-1:2024+A11:2024 ETSI EN 300 220-2 V3.1.1 (2017-03) ETSI EN 300 330-2 V2.1.1 (2017-02) EN IEC 63000:2018



# PRODUCT OVERVIEW



 **Tip:** The LEDs will only illuminate when the keypad is awake. To conserve battery, the keypad enters a sleep mode when not in use.



## Proximity tag area

Used for presenting a valid proximity tag to arm or disarm the system.



## Alert LED

Indicates a system alert or message that requires user attention following an alarm or fault condition.



## Alarm LED

Illuminates after an alarm has been silenced following an alarm condition.



## Tamper LED

Illuminates after the alarm has been silenced following a tamper condition, such as an attempt to open or interfere with a device.



## Fault LED

Shows that a fault has occurred in the system, such as a low battery or connection issue.



## Disarmed LED

Confirms that the system is disarmed and not actively protecting the premises. The LED will flash when a valid user code is entered and will briefly remain illuminated when an area is disarmed.

# INSTALLATION



Please note: In order to comply with standards, the rear tamper must be securely fixed to the mounting surface.

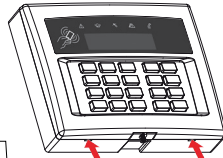


Tip: If possible, learn the keypad to the system and perform a signal strength test before securing the backplate to the wall. This will help confirm that the location is suitable, avoiding unnecessary holes in the mounting surface.



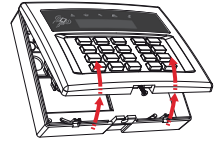
## 1. Loosen the keypad screw.

Using a Phillips screwdriver, loosen the screw at the bottom of the keypad — it does not need to be fully removed.



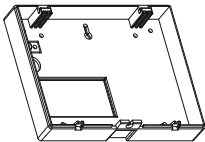
## 2. Separate the casing.

Carefully use a flathead screwdriver to pry apart the front and back sections of the keypad.



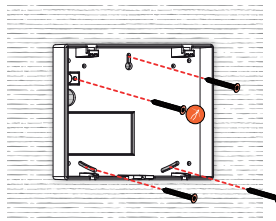
## 3. Disengage the two halves.

Tilt the front section upwards from the bottom edge to disengage it from the back plate.



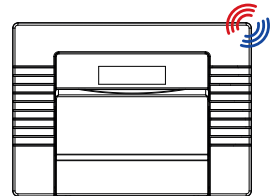
## 4. Set aside the front cover.

Place the front section in a safe location, ensuring the back plate remains accessible for mounting.



## 5. Mount the back plate.

Using suitable fixings for the mounting surface, securely attach the back plate of the keypad to the wall.

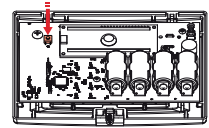
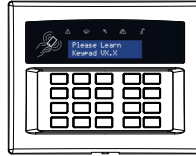
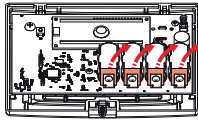


## 6. Prepare the system for learning.

Refer to the main system's instructions to put it into learning mode.



Indicates which screw must be securely affixed to ensure the back tamper functions correctly and for the product to comply with EN 50131-1 Grade 2 requirements.



### 7. Power up the keypad.

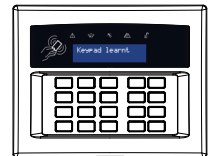
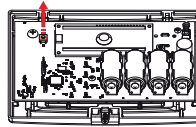
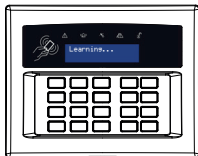
Remove the battery protective tabs from each battery to allow the device to power on.

### 8. Confirm keypad is ready to pair.

The screen will display 'Please Learn Keypad' along with the software version. The alert and disarmed LEDs will flash alternately.

### 9. Initiate learning mode on the keypad.

Press and hold the learn button on the PCB.



### 10. Wait for LED sequence.

While holding the learn button, the alert, alarm, tamper, and fault LEDs will cycle through.

### 11. Release the learn button.

After approximately 5 seconds, release the button.

### 12. Check for successful pairing.

If paired successfully, only the disarmed LED will flash.

If pairing fails, all LEDs will briefly turn off before returning to alternating flashes on the alert and disarmed LEDs.

### 13. Reassemble the keypad.

Refit the front cover by reversing steps 1 to 3, ensuring it is properly aligned and secured.



# KEYPAD MENU

To enter the keypad menu, press and hold **[D]** for 3 seconds until the LCD displays 'Security Code:', then enter '2000'.

To exit the menu at any time, press **[A]**.

If the menu is left idle for 60 seconds, the keypad will automatically exit. Pressing any key (except **[A]**) will reset this timer.



**Tip: It is recommended to access this menu while the panel is in engineer mode. Entering it during day mode will trigger a tamper alarm on the system upon exiting this menu.**

Option	Range	Description of Option
Set Click Vol:	0 - 7 <b>0 is silent</b>	Adjusts the volume of keypad button clicks.
Set Tag Vol:	0 - 7 <b>0 is silent</b>	Sets the volume level for proximity tag notifications or alerts.
Set Master Vol:	0 - 7 <b>0 is silent</b>	Controls the overall volume output of the keypad.
Tag ID:	N/A	Displays the unique identifier for the proximity tag.
Set Brightness	0 - 7	Adjusts the brightness level of the keypad display. <b>If left idle for 20 seconds while in day mode or 60 seconds while in a system menu, the screen will automatically turn off to conserve battery.</b>
PA/Fire Timer	0 - 5 (seconds)	Sets how long buttons must be held down on the keypad to trigger a PA or fire alarm.
Factory Reset	N/A	Resets all local wireless keypad settings to factory defaults.

## RELEARNING OR RESETTING

There may be situations where you need to relearn the keypad to a new control panel or perform a full reset to clear its existing configuration. Follow the relevant section below depending on the action you need to take.

### Relearning the Keypad to a New System

To pair the keypad with a new control panel:

- Place the new system into learning mode.
- Press and hold the learn button on the keypad PCB to initiate learning mode.
- While holding the button, wait for the LEDs to cycle through alert, alarm, tamper, and fault.
- After approximately 5 seconds, release the learn button.
- If pairing is successful, the disarmed LED on the wireless keypad will flash, and the system's keypad will display a confirmation message such as 'device learnt'.

### Resetting the Keypad

To perform a full reset of the keypad:

- Remove all batteries from the keypad.
- Press and hold the learn button.
- While continuing to hold the button, reinsert the batteries.
- Keep the button held for approximately 10 seconds.
- The keypad will reset when the Alert and Disarmed LEDs begin flashing alternately.

# SIGNAL STRENGTH

Before finalising installation, perform a signal strength test to ensure the keypad has a strong and stable connection with the wireless hub. A reliable signal is essential for consistent operation and communication with the system.

We do not recommend installing the keypad with less than 30% signal strength, as wireless signals can fluctuate. Maintaining at least 30% allows for these fluctuations without compromising performance.

To access signal strength tests on the system, please refer to the relevant guides for the control panel.

## Troubleshooting Weak Signal Strength

If the signal strength is below 30%, you should first try repositioning the keypad to a location closer to the wireless hub or in a more open area, away from large metal objects or sources of interference such as thick walls or electronic devices. After relocating the keypad, repeat the signal strength test to check for improvement. If the signal remains weak, consider relocating the wireless hub itself to a more central position within the property to improve overall coverage.

## BATTERY INFORMATION



- The batteries supplied are selected for long service life and are designed with a limited output current for safety compliance.



- This product contains a battery and complies with Regulation (EU) 2023/1542 on batteries and waste batteries.
- The battery must not be disposed of with unsorted municipal waste in the European Union. It should be removed from the device before disposal and taken to a designated collection point or returned to your supplier for proper recycling.
- Batteries are marked with the separate collection symbol, which may also include chemical symbols such as Cd (Cadmium) or Pb (Lead) where applicable.
- The battery is protected on delivery by a piece of plastic which must be removed before operation.
- For further information, visit: [www.recyclethis.info](http://www.recyclethis.info) or consult your local waste management authority.

## Important: Replacing the Batteries

When replacing batteries in devices, always use the correct type and specification. In products with multiple replaceable batteries, all batteries must be replaced at the same time to ensure optimal performance and to prevent imbalance.

## PRODUCT WARNING INFORMATION

For electrical products sold within the European Community: at the end of the product's life, it should not be disposed of with household waste. Please recycle where suitable facilities exist. Check with your local authority or retailer for recycling guidance specific to your country.

To prevent possible damage to components, eliminate any static charge on your body before touching the inside of the unit. This can be done by touching a grounded (earthed) metallic conductor, such as a radiator or metal pipework, immediately before replacing the batteries.

## WARRANTY

This product is sold subject to our standard warranty conditions and is warranted against defects in workmanship for a period of 2 years (batteries excluded). In the interest of continuing care and design, Pyronix Ltd reserves the right to amend specifications, without giving prior notice. For further information visit: [www.pyronix.com/uk/terms-conditions-sales/](http://www.pyronix.com/uk/terms-conditions-sales/)

Customers who use the batteries recommended and supplied by Pyronix for the lifetime of the wireless product are eligible for a warranty extension of one (1) additional year, giving an effective warranty of three (3) years from the warranty start date on the batch label. For further information visit: [www.pyronix.com/uk/batteries-terms-and-conditions/](http://www.pyronix.com/uk/batteries-terms-and-conditions/)