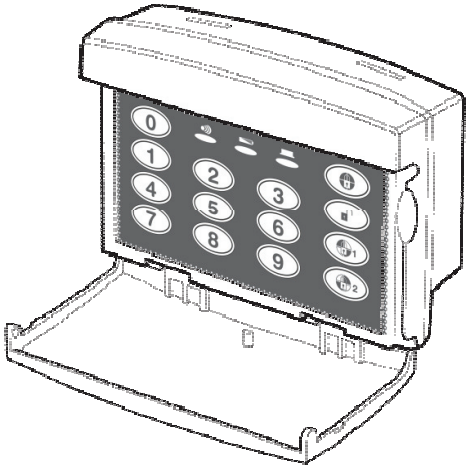
LuxHome

433MHz Wire Free Keypad Control Panel

LHC110SU



Instruction Guide

LuxHome
433MHz Wire Free
Keypad Control Panel

These instructions should be read in conjunction with your System Installation and Operating Instructions and be retained for future reference.

Introduction

The LuxHome Wire Free Keypad Control Panel (hereafter referred to as Keypad) is designed for use with LuxHome Wire Free Intruder Alarm systems operating on 433MHz only.

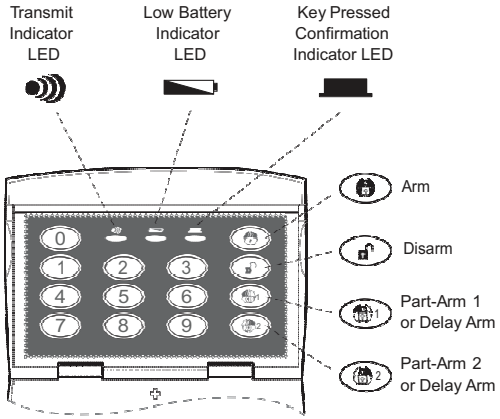


Fig. 1 Wireless Keypad Function Guide

The Keypad controls the system by using a four digit User Access Code. The Keypad incorporates panic and anti-tamper protection

features that will immediately initiate a Full Alarm condition when activated. Any attempt to open the casing of the Keypad will immediately initiate a Full Alarm condition even if the system is disarmed, (unless the system is in Service, Test or Programming modes). In addition if a sequence of more than 16 incorrect key presses are entered the Keypad will be disabled for one minute. During this one minute period the LED will keep flashing slowly. If consecutively disabled three times, the Keypad will emit the tamper signal and initiate a Full Alarm condition.

The Keypad's User Access Code is independent from any other access codes.

The Keypad is powered by a 9V PP3 Alkaline battery. Under normal operating conditions this will provide an expected life of up to one year. When the battery level falls below an acceptable level, the "LOW BATTERY" indicator on the front of the Keypad will flash. When this occurs the battery should be replaced as soon as possible.

Positioning the Keypad

The Keypad is rated IP44 and suitable for mounting outdoors. The Keypad should be mounted in a position close to the main entrance door so that the user access code can be entered easily.

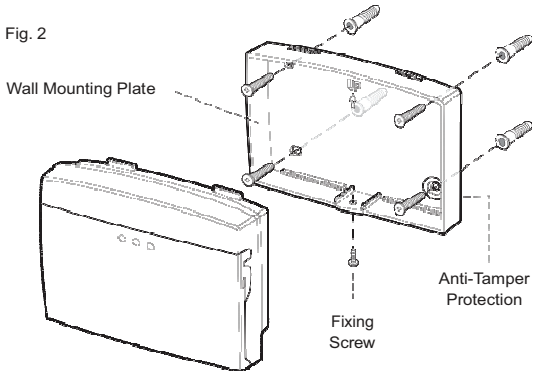
Ensure that the position selected for the Keypad is within the effective range of the Siren or Control Panel.

Note: DO NOT fix the Keypad to metalwork or locate the unit within 1m of metalwork (i.e. radiators, water pipes, etc) as this could affect the transmission range of the Keypad.

Installing and Configuring the Keypad

If you have a system with a main Control Panel, ensure it is in Test or Programming Mode. If you have a system without a Control Panel, ensure that the Siren is in Service mode.

Fig. 2



1. Undo and remove the fixing screw from the bottom edge of the Keypad and remove the wall mounting plate. (Fig. 2).

2. Using the mounting plate as a template to mark the positions of the four fixing holes on the wall.
   Note: To make the best use of anti-tamper protection you must insert a wall plug and screw in the specified hole (as illustrated).

3. Fix the mounting plate to the wall using the screws and wall plugs provided, (a 5mm hole will be required for the wall plugs). Do not over-tighten the fixing screws as this may distort or damage the mounting plate.
   Note: Installing the Keypad against a flat and smooth wall is of

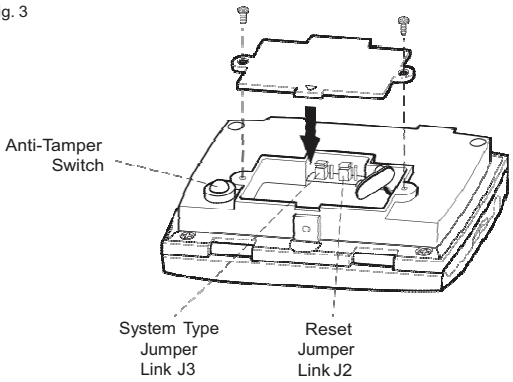
great importance so as to avoid the tamper switch being falsely triggered.

Note: The wall plugs supplied with the product are not suitable for plasterboard walls. If mounting the Keypad on to a plasterboard use appropriate wall plugs.

4. Undo and remove the two fixing screws in the rear of the Keypad and remove the rear battery cover. (Fig. 3).

5. There are two jumper links located above the battery compartment. (Fig. 3)
   J2 jumper link: Reset to Factory default
   J3 jumper link: System type selection

Fig. 3



If the Keypad is to be used with a Siren Controlled System, then the jumper link J3 must be set as shown on Fig. 4a. If your system has a separate Control Panel, the jumper link J3 must be set as shown on Fig. 4b.

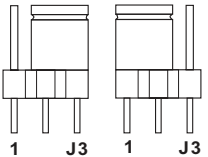


Fig. 4a Fig. 4b

To verify the compatibility of your system, follow two steps for testing: 1) Connect the PP3 battery. 2) Press (1) and (2) together for more than 2 seconds. The Keypad will send the Panic signal to the Control panel/Siren. If the Control panel/ Siren does not react, adjust the jumper link J3 accordingly.

6. Seat the PP3 battery into the battery compartment.

7. Replace the rear cover and refit fixing screws. Do not over-tighten the fixing screws.

8. Refit the Keypad by slanting 45° onto the wall mounting plate. Do not over-tighten the fixing screw. (Fig. 5).

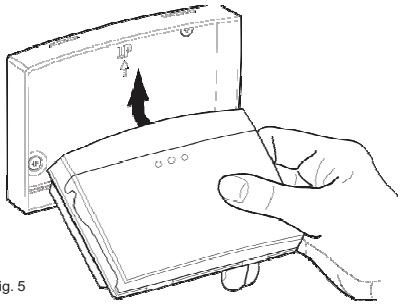
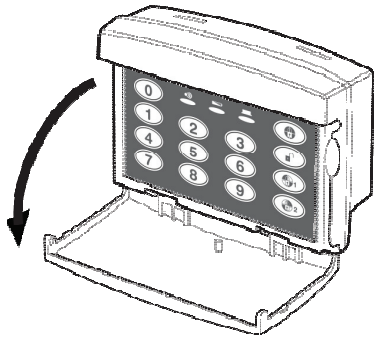


Fig. 5

Note: The Keypad is supplied with a default User Access Code of: 1234. For security reasons, it is recommended that this code is changed to another four digit number which only you and other users of the system know.

Note: Use thumb and middle finger to hinge down the Keypad cover. (Fig. 6) The Keypad has a back light illumination facility. It will illuminate for 5 seconds when you open the Keypad cover or press any key.

Fig. 6



Testing the Keypad

Ensure that the Control panel/Siren is in Test or Programming Mode.

1. Press ? ? ? ? , to arm the system.
   User Access Code
2. Press and hold 1 and 2 buttons together, after approximately 2 seconds, an alarm will be initiated.
3. Press ? ? ? ? , to disarm the system.
   User Access Code

Operating the Keypad

Arm:

Press ? ? ? ? , .
User Access Code

Part-Arm: (for Control Panel Systems)

Press ? ? ? ? , 1 for Part-Arm 1.
User Access Code

Press ? ? ? ? , 2 for Part-Arm 2.
User Access Code

Delay-Mode: (for Siren Only Systems)

To Arm the system in Delay Mode enter the User Access Code followed by **either** of the **'DELAYARM' buttons** on the Keypad:

? ? ? ? , 1 OR ? ? ? ? , 2
User Access Code User Access Code

The Siren will acknowledge the signal by beeping once and then again after the 15 second exit delay.

Disarm:

Press ? ? ? ? , .
User Access Code

Panic:

Default setting: On

Press and hold 1 and 2 buttons together for more than 2 seconds with ▬ LED flashing rapidly.

To enable or disable the panic function, follow the below steps in sequence:

Enabling the Panic function:

1. Press (2).
2. Enter (?) (?) (?) (?).
   User Access Code
3. Press (2); the ▬ LED will illuminate once and flash twice.
4. Press (1).
5. Press (2); the ▬ LED will illuminate once and flash three times to confirm the setting has been accepted.

Disabling the Panic function:

1. Press (2).
2. Enter (?) (?) (?) (?).
   User Access Code
3. Press (2); the ▬ LED will illuminate once and flash twice.
4. Press (0).
5. Press (2); the ▬ LED will illuminate once and flash three times to confirm the setting has been accepted.

Inputting the House Code

In order to prevent any unauthorised attempt to operate or disarm your system; you must configure your system to accept radio signals only from your own system devices. This is done by setting a series of eight miniature (DIP) switches in all devices to the same ON/OFF combination (The House Code) selected by the user/ installer. This Keypad is designed to be fixed outdoors. For security reasons, it does not include a DIP switch, but house code setting is still required.

To input the house code, press the following keys in sequence:

1. Press (#).
2. Enter (?) (?) (?) (?). User Access Code
3. Press (#); the ▬ LED will illuminate once and flash twice.
4. Press (?) (?) (?) (?) which is House Code to be set on Keypad (up to 8 digits).
5. Press (#); the ▬ LED will illuminate once and flash three times to confirm the setting has been accepted.

Example: Dip switch settings for your House Code are Dip Switch numbers 1, 2, 5, 7, 8 set to the “ON” position, while 3, 4, 6 are set to the “OFF” position. The input for the House Code on the Keypad is 12578.

Resetting to Factory Default

If you forget the User Access code, you can reset the User Access

code to factory default by following the steps below:

1. Remove the battery.
2. Press and hold any key for more than 1 second.
3. Set the Jumper link J2 as shown on Fig. 7b.

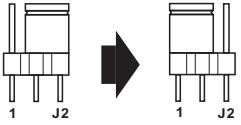


Fig. 7a Fig. 7b

4. Refit the battery and test it by pressing the default User Access code of 1 2 3 4.
5. If the testing is ok, set the jumper link J2 as shown on Fig. 7a, which is what the Keypad is set to normally.

Changing the User Access Code

Default Code: 1 2 3 4

When using the Keypad the keys must be pressed firmly and within five seconds of each other. If you make a mistake, wait five seconds and recommence programming from the beginning of the sequence. To change the User Access Code, press the following keys in sequence:

1. Press (1).
2. Enter the existing User Access Code (?) (?) (?) (?).
3. Press (1); the ▬ LED will illuminate once and flash twice.
4. Press your new User Access Code (?) (?) (?) (?).

5. Press (1); the ▬ LED will illuminate once and flash three times to confirm the setting has been accepted. If the LED does not flash, wait five seconds and re-enter the programming sequence from the beginning.

Disabling the Keypad

If a sequence of more than 16 incorrect key presses is entered the Keypad will be disabled for 1 minute. If consecutively disabled 3 times, the Keypad will emit a Tamper signal to the control panel with))) LED flashing slowly.

Note: When the Keypad is disabled for 1 minute, the))) LED will flash slowly, indicating that the Keypad is shut down temporarily. During this 1 minute, any key presses will be treated as invalid pressing. After the elapse of 1 minute, correct inputting will be accepted.

Replacing the Batteries

The “LOW BATTERY” indicator on the front of the Keypad will not flash until the Keypad emits a radio signal. Therefore the “LOW BATTERY” indication won’t be seen in normal circumstance. The batteries should be replaced as soon as possible as follows:

1. Press the User Access code twice, and the two LEDs ( ))) & ▬) will keep flashing for 20 seconds. During this 20 seconds duration, no radio signal will emit and any inputting will not be accepted. In this way, the Keypad won’t emit radio signal when replacing the battery.

2. Undo the fixing screw at bottom of Keypad and remove from the wall mounting plate.

3. Undo the two fixing screws in the rear cover and remove the battery cover.

4. Replace battery with a new 9V PP3 Alkaline battery.

5. Replace and fix the rear battery cover and then refit and secure the Keypad onto the wall plate.

Solar Siren Operating Mode

Solar Siren ON
To switch the Solar Siren into Operating Mode:

Press 

(and hold) for approx 10 seconds until the siren emits a single long beep and long flash.

Solar Siren OFF
To switch the Solar Siren off:

Press 

(and hold) for approx 10 seconds until the siren emits a single long beep and long flash.

The Disarm key should be released after the long beep.

Anti-tamper Protection

The Keypad incorporates anti-tamper protection features to guard against unauthorised attempts to remove the Keypad from the wall. If the Keypad is removed from the wall, a full alarm condition will be initiated.

Troubleshooting

Status	Possible Cause	Remedy
No function	1. Battery too low 2. Wrong coding	1. Replace with a new battery 2. Check if the HOUSE CODES are exactly the same
LED flash	3. Battery low	3. Replace with a new battery

Disposal and Recycling

Disposal of this product is covered by the Waste Electrical or Electronic Equipment (WEEE) Directive.
It should not be disposed of with other household or commercial waste.
At the end of its useful life the packaging and product should be disposed of via a suitable recycling center. Please contact your local authority or the retailer from where the product was purchased for information on available facilities.

Warranty

The product is warranted for two years from the date of purchase against faulty materials and workmanship. No liability can be accepted for any problems caused by fair wear and tear, buyer's negligence, improper fitting or use, wilful or accidental damage, or any consequential loss or damage howsoever caused. This warranty does not affect your statutory rights and is valid for the country or region of your purchase.

If you believe the product to be faulty or in the unlikely event of the product developing a fault during the warranty period, then please contact your supplier for product assistance. Product repair or replacement will be offered for faulty products only with our prior agreement. Should you need to return a product then:

1. Contact your supplier and obtain a Return Authorisation Number.
2. Adequately package your product to prevent damage in transit and include the following:
   a. A copy of your original invoice/receipt.
   b. A covering letter giving your full contact details, including email address (if applicable).
   c. A description of the fault or problem.

LuxHome Alarm Systems

Manufactured by Everspring

Everspring Industry Co., Ltd.
Website: **www.everspring.com**