



LUPUSEC

XT Keypad

Manual

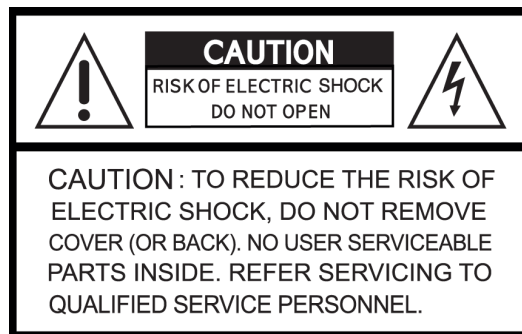
Introduction

Thank you for purchasing the LUPUSEC XT keypad. Before you install the keypad, please take the time to read the following safety and installation information carefully and attentively. It is imperative to comply with these instructions in order to ensure the safe operation. If you have any further questions, please contact your local retailer or LUPUS-Electronics directly. Your LUPUSEC XT keypad was developed and built with state-of-the-art technology and complies with European and German standards. Declarations of conformity are available on request or for download at www.lupus-electronics.de.

Please keep this manual safely to be able to answer possible questions in the future. The manual is an integral part of the product even in case it is resold to a third party.

Disclaimer

All technical details and descriptions in this manual have been written with the greatest care. However, LUPUS-Electronics cannot entirely exclude mistakes in this manual. Therefore, we do not assume any legal responsibility or liability, which is the result of wrong information in this manual. Descriptions, technical images and technical data are subject to change according to technical progress. In addition, LUPUS-Electronics reserves the right to change this product and its manual without prior notice. We do not assume any guarantee with regard to the content of this document. We appreciate any comments on mistakes or inaccuracies, which may help us to improve this product and this manual.



This symbol is intended to attract the user's attention to the potential risk of dangerous unprotected voltage inside the housing. This may lead to an electric shock.



This symbol is intended to attract the user's attention to use and maintenance instructions in the manual and documents enclosed to the product.

WARNING:

TO MINIMIZE THE RISK OF AN ELECTRIC SHOCK, YOU MUST NOT EXPOSE THIS PRODUCT TO WET AND MOIST CONDITIONS AT ANY TIME.



All LUPUS-Electronics products are lead-free and meet the requirements stated under the European Directive on the Restriction of Hazardous Substances (RoHS). This guarantees that the entire production process and the product itself are free of lead and of all listed hazardous substances.



This product was tested and complies with the regularities for a class of digital devices stated under FCC part 15. These limits were specified to provide reasonable protection against harmful exposure when operating the device in a commercial environment. This product emits and uses radio energy. It may in addition interfere with other radio communication systems, if it is not installed or used according to this manual. Using the device in residential areas may cause disturbances to be possibly remedied at the user's expense.



If installed properly according to this manual, the product LUPUSEC – XT keypad (Item. No. 12001, EAN 4260195431867), complies with CE regularities of directive 1999/5/EG.

Conformity:

The declaration of conformity is available at:

LUPUS-Electronics GmbH

Otto-Hahn-Str. 12

76829 Landau

Important safety information



Warning

The warranty claim will expire in case of damages resulting from the non-observance of this manual.

We do not assume any liability for consequential damages.

We do not assume any liability for damages to persons and/or material whatsoever, which result from improper handling or noncompliance with the safety instructions. The warranty claim will expire in such cases!

The LUPUSEC XT keypad is equipped with a high-quality housing. However, please observe the following safety regulations:

- Connect the XT keypad only to the approved batteries and voltage according to this manual.
- Handle the XT keypad with care, heavy vibrations or bumps may damage the XT keypad.
- Do not expose the XT keypad to direct sunlight or strong sources of heat (e.g. heaters).
- Do not use the XT keypad close to strong electric power lines or magnetic fields, as this may impair the transmission quality significantly.
- Do not install the XT keypad directly on iron or aluminium surfaces without isolating the XT keypad from these surfaces, as these materials may impair the wireless transmission significantly.
- Do not expose the XT keypad to moist, very cold or very hot environments. Please observe the maximum humidity and temperature limits.
- The XT keypad is only designed for indoor use (no protection class).
- Persons (including children) with limited physical, sensory, or mental abilities and/or lacking experience and/or knowledge must not use this product.
- Keep children away from the XT keypad and other connected electric appliances at all times. The XT keypad includes small parts, which they may swallow. Assemble the XT keypad out of children's reach. Do not leave packaging materials unattended, they may be dangerous for playing children.
- Use a damp cloth to clean the XT keypad's surface. Afterwards, dry the surface. Cleaning agents will damage the surface.

Detection of defects

If you notice any kind of defect, disconnect the XT keypad from the power supply (the battery) and contact your retailer or LUPUS-Electronics directly. Any further usage of the XT keypad may lead to fire or electric shock!

Designated use

The XT keypad is designed to arm or disarm your XT alarm panel. The XT keypad is designed for indoor usage (no protection class). Any other use than described in this manual is not permitted and will lead to the expiry of any warranty or guarantee as well as to the exclusion of liability. The same applies to modifications and retrofitting.



Information on disposal:

Do not dispose of the device with the domestic waste!

This product complies with the EU Directive on waste electrical and electronic equipment (WEEE) and therefore must not be disposed of with the domestic waste. Dispose of the device via your local collection point for waste electronic equipment!





This product contains software programs subject to the GPL free software license.

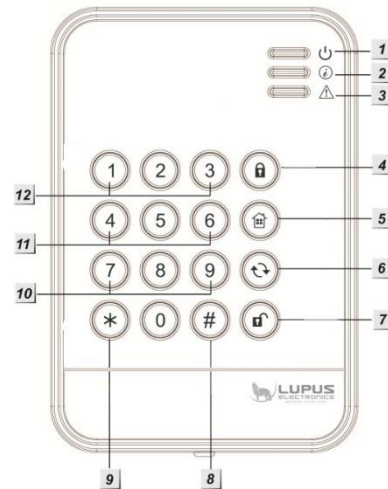
This product contains software that was developed by third parties and/or software subject to the GNU General Public License (GPL) and/or the GNU Lesser General Public License (LGPL). We will send you the source code of these programs on request. The GPL and/or LGPL code used and offered in this product is EXCLUSIVE OF ANY GUARANTEE WHATSOEVER and is subject to the copyright of one or several authors. For further details, please refer to the GPL and/or LGPL code of this product and to the terms of usage of GPL and LGPL.

You can read the complete license text at <http://www.gnu.org/licenses/gpl-2.0.html>.
For the unofficial German translation, please go to
<http://www.gnu.de/documents/gpl.de.html>.

XT Keypad

Product description:

1. Power LED
2. Status LED
3. Error LED
4. Arm 
5. Home 
6. System status 
7. Disarm 
8. Pound key #
9. Star key *
10. Emergency alarm: 7 + 9 (simultaneously)
11. Fire alarm: 4 + 6 (simultaneously)
12. Panic alarm: 1 + 3 (simultaneously)
13. Battery breaker (delivery status)
14. Mounting holes
15. Tampering contact




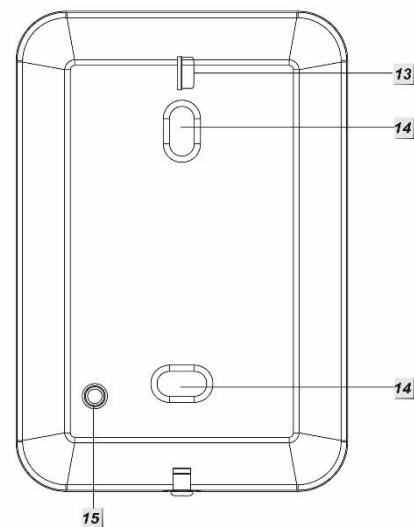
Note: The dual-key commands 1+3 (12.), 2+6 (11.), 7+9 (10.) are disabled by default.

LED indicators:

- **Power LED:**
 - LED lights up orange: test mode is active
 - LED flashes orange: test mode is active + low battery
 - LED lights up blue for approx. five seconds: System status is normal
 - LED flashes blue: Low battery

Note:

- Normally all LEDs are off.
- If you press any key, the power LED will light up blue for five seconds. This signals that the keypad is operational.
- **Status LED** (allows you to check the status of the alarm panel):
If you press the status button  of the keypad, the status LED will display the current status of the alarm panel:
LED lights up red: alarm panel is in arm mode
LED flashes red: alarm panel is in home mode
LED lights up blue: alarm panel is in disarm mode
LED flashes blue: an error occurred, e.g.:
 - Alarm panel does not respond
 - Incorrect PIN code



- Attempted to switch to home mode while the alarm panel is in arm mode
- Forced activation of arm mode while alarm panel or sensors report an error
- **Error LED:**
LED flashes orange: system error, e.g.:
 - No SIM card
 - GSM not ready
 - Open tampering contact
 - Power failure
 - Sensor is out of range
 - Sensor is open
 - Battery of a sensor is low
- **Battery:**
The keypad requires a 1/2AA 3V 850mAH lithium battery. The average battery life is two years.
If the battery is low, the orange status LED flashes


Connecting the XT keypad and putting it into operation

Installation of the keypad:

1. Remove the front cover of the keypad by unscrewing the screw at the bottom.
2. At the back cover you find two cavities. They are intended to be pierced – thus, you can mark the locations for required drill holes for a wall installation.
3. Use screws to install the keypad on a wall.
4. Attach the front cover again.

Connecting the keypad to the alarm panel:

1. Enter the installation mode of the keypad by entering the installation-PIN (default: 0000) and pressing the * button. The power LED will light up orange.
2. Open the main menu of the alarm panel.
3. Open the menu “Sensors” → “Add.”
4. Click “Start.”
5. Press * and then 7 on the keypad. The keypad emits a signal and will be listed in the alarm panel.
 - a. If you do not hear a signal, the alarm panel did not receive the connection request of the keypad.
 - b. If the connection request was received by the alarm panel, you will hear three short signal sounds.
6. Add the keypad to the alarm panel by pressing “Add” next to the keypad in the menu “Sensors” → “Add.”
7. Start the range test in the menu “Sensors” → “Range” and take the keypad to the intended place of installation.
8. Press * and then 7 on the keypad.
9. Check the signal strength in the “Range” menu of the alarm panel (1-9).

10. To **exit the installation mode**, press the disarm button  two times. The keypad emits a signal sound and the power LED is switched off.
Now you can arm and disarm the alarm panel by means of the keypad.

Changing the PIN code to switch between the different modes of the alarm panel:


You can change the PIN code in the web interface of the alarm panel. Open the menu “Home” → “Pin codes” and change the existing PIN code or enter a new one.

Controlling the alarm panel by means of the keypad:


1. **Arm the alarm panel:**

PIN code (default 1234) + arm button  (a long signal is emitted + the status LED lights up).

2. **Disarm the alarm panel:**

PIN code (default 1234) + disarm button  (two signals are emitted + the status LED lights up blue).

3. **Switch to home mode:**

PIN code (default 1234) + home button  and press 1, 2, or 3 to select the corresponding home mode (three signals are emitted + the status LED flashes red). If you do not press any number key after pressing the home button, the alarm panel will switch to home mode 1.

Dual-key functions:

The keypad features pre-defined dual key commands that allow you to trigger a fire, panic, or medical alarm **without entering a PIN code**. To activate the dual key functions, please proceed as follows:

Enter the **installation mode** of the keypad (default 0000 + *). The power LED lights up orange. To activate the dual key function, you need to enter the following commands for the corresponding functions:

Activate panic alarm 1+3:	press * + 2
Activate fire alarm 4+6:	press * + 3
Activate medical alarm 7+9:	press * + 4
Deactivate all dual key functions:	press * + 5


Note (only XT2):


If you got to the menu “Sensors” → “List” and edit the keypad, you can define the dual key commands (1+3, 4+6, 7+9). Thus, for instance, you can trigger individual automations or directly switch to the home mode 2 or 3. A in detail description of the different automation rules can be found in the chapter on Smarthome in the XT manual.

Additional functions of the installation mode:

Adding the keypad to the alarm panel: press * + 7

Changing the installation PIN: press * + 6

- Enter the current installation PIN (default 0000).
- Press the status button . A long signal is emitted.
- Enter your new installation PIN code (4-digits).
- Press the pound button (#). The new installation PIN code is now saved.

Enable switching to arm / home mode without entering a PIN code: press * + 8
Disable switching to arm / home mode without entering a PIN code: press * + 9
To **exit the installation mode**, press the disarm button  two times.

Reset / factory default:

If you have forgotten your installation PIN code, you can restore the factory default of the keypad in the following way:

1. Open the keypad. Be aware that the tampering protection will be triggered!
2. Remove the batteries.
3. Press and hold the button “3” while you are inserting the batteries again.
4. Release the button “3.”

After the reset, the installation PIN code will again be 0000.

Please note:

- **Attention: Change the standard PIN code (1234) as well as the installation PIN code (0000) of the keypad to ensure that no one else can control your alarm panel!** You can change the PIN code in the menu “Home” → “PIN codes” of the alarm panel. To change the installation PIN code, see above.
- In the menu “Settings” → “Panel” → “Area Settings” → “Arming with failure” you can allow that the alarm panel will always switch the mode irrespective of errors.
- If an error is displayed by a flashing error LED, it can be ignored by entering the PIN code and the mode command again within ten seconds. You can check (and deactivate / ignore) the current errors of the alarm panel in the menu “Home” → Status” → “XT2 Status.”
- The keypad only transmits status information when you enter a command. Thus, it can transmit that the batteries are running low, but not that the batteries are empty!

Additional notes (only XT2):

- To activate different home modes with the keypad, at least firmware version 0.0.2.7M is required. The keypad may not be older than September 2014.
- Depending on the used PIN code, the keypad can control both areas (requires at least firmware 0.0.2.7M).
- In firmware version 0.0.2.13C, a “PIN code protection” was integrated. After five incorrect PIN code inputs, the keypad is locked for 15 minutes. You can enable or disable the “PIN code protection” in the menu “Settings” → “Panel” → “General Settings.”