

OPERATING MANUAL



Terxon LX

Perfect security for home and office



Inv. 11738100

Contents

1.	Introduction	4
2.	Usage in accordance with regulations	4
3.	Zones and partitions	5
3.1.	Zone	5
3.2.	Partition	5
4.	Overview operating panel	6
5.	Overview remote control	7
6.	Communication	7
6.1.	Remote alarm.....	7
6.2.	Downloading.....	7
7.	Operating the alarm system	8
7.1.	Setting	8
7.1.1.	Setting the alarm system	8
7.1.2.	Setting additional partitions.....	9
7.2.	Unsetting	9
7.3.	Silencing an alarm.....	10
7.4.	Resetting the system.....	10
7.5.	Further options	10
7.5.1.	Special user codes.....	10
7.5.2.	Panic alarm on operating panel	11
8.	Troubleshooting	12
8.1.	Alarm messages	12
8.2.	Other messages	13
8.3.	Setting the system with zones active	14
8.3.1.	Overview	14
8.3.2.	Setting with "View Errors"	14
8.3.3.	Setting with "Ignore Errors"	14
9.	System plan	16

These operating instructions are an important product accessory. They contain important information on operating the burglar alarm system. Bear this in mind if you pass the product on to others. Store these instructions in a safe place for future reference.

1. Introduction

Dear Customer,

Thank you for purchasing the TERXON L burglar alarm system. You made the right decision in choosing this state-of-the-art technology, which complies with the current standards of domestic and European regulations.

The CE has been proven and all related certifications are deposited at the manufacturer.

The TERXON L system uses the most modern technology for the comprehensive, flexible protection of your private and commercial property. In combination with other components such as detectors and signal transmitters, it secures the areas to be monitored.

This user manual tells you how to set, unset and reset your alarm system. Before you can do that, you have to enter your personal user code or hold your chip key (if used) against the operating panel. The user code has 4 or 6 digits, depending on the setting.

To ensure proper and safe operation, it is your obligation to observe these operating instructions!

In the event of questions, please contact your engineer or local specialist dealer.

2. Usage in accordance with regulations

The alarm station contacts and connected components must be kept free of moisture (bathrooms and similar surroundings are to be strictly avoided). Use of this product for other than the described purpose may lead to damage of the product. Other hazards such as short-circuiting, fire, electric shock, etc., are also possible. The mains transformer is designed for operation with mains electricity at 230 Volt AC / 50 Hz.

No part of the product may be changed or modified in any way.

Connection to the public power network is subject to country-specific regulations. Please be aware of applicable regulations in advance.

3. Zones and partitions

This section explains the difference between a “zone” and a “partition”.

3.1. Zone

Your burglar alarm system contains a particular number of zones. Each zone is a detection unit, such as a motion sensor or a door contact, which is monitored by the system. Each zone has its own 4-digit number that identifies it uniquely. Furthermore, a user-defined name up to 16 characters long can be used for simple identification.

Your engineer has configured each zone for you individually. This ensures that your new alarm system will work reliably and without false alarms. Whether or not an alarm is triggered depends on the state of the system. If the system is set, an alarm is triggered; if not, no alarm signal sounds.

3.2. Partition

Your engineer has set up your alarm system in such a way that it offers optimal convenience.

By grouping one or more zones into partitions, you can use the system more flexibly since you can set and unset individual partitions independently of each other. Depending on how your alarm system is programmed, you can set and unset specific areas only or you can have full access to the whole system.

4. Overview operating panel

The most important element of your alarm system is the operating panel (keypad). From this panel, you will control and operate the complete system.

Depending on installation, you have one or more operating panels, which are located near important access points or in particular rooms. Each operating panel offers the full range of features.

Using the operating panels, you can set/unset your alarm system. You can also program and test the system.

1 Display

The operating panel display shows you important system information. A display text plus the current date and time are also shown.

2 LED

Lights permanently if electric current is present.

3 Operation indicator

In the basic setting, this shows that more than one alarm message has to be reset (see “Resetting the system” on page 10).

However, your engineer can program this display for other purposes.

4 Keypad

You use the keypad to control your alarm system and enter your code for activating/deactivating the system.

Number keys (e.g., for activating the alarm system).

✓ – Confirms displayed options.

✕ – Ends displayed options.

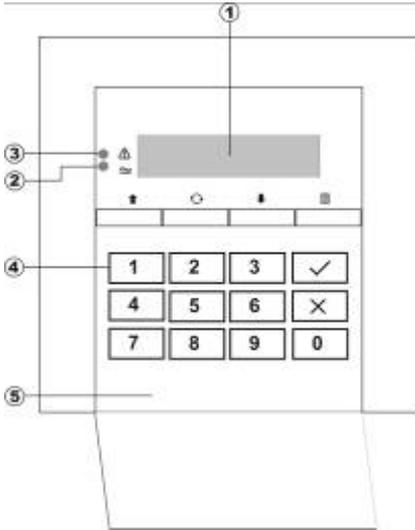
↑ ↓ – Scrolls to next/previous page.

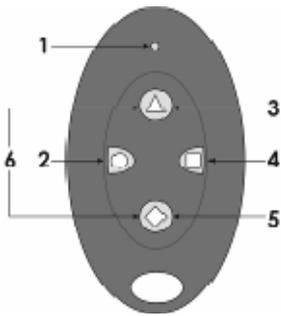
↻ – Changes the attribute of the displayed option (e.g., Yes/No).

☰ – Displays the user menu (only after you enter the user code). The user menu contains options for administering the system. For example, you can define and change user codes, omit zones, and view logged data.

5 Cover

For covering/uncovering the keys.





5. Overview remote control

The default functions of the keys are shown on the left. To avoid accidental operation, for example when carrying the unit in a trouser pocket, you have to keep a key pressed long enough to light the red LED on the remote control.

You can operate your Terxon L with the remote control only if you are near home and are using a radio auxiliary (up to 40 metres, depending on the environment).

1	LED	4	Internal setting
2	Internal setting	5	Unset all
3	Internal setting or Set all	6	Panic (FU5150 only)

The functions of the remote control keys described here are the standard setting. The user can change the functions set. Ask your supplier for more information.

6. Communication

This chapter describes the communication options of your Terxon L.

6.1. Remote alarm

The built-in modem of the central unit enables you to send the most varied system messages to different telephone numbers. If you want to use this communication device, make sure you fully understand the system operating instructions. Otherwise, the external alarm system can fail or there may be permanent alarms.

6.2. Downloading

A personal computer (PC) can be linked to your alarm system through a telephone line. This enables the system to be programmed and tested remotely.

This feature is known as downloading and is normally performed with your authorisation by either your alarm company or an system administrator.

7. Operating the alarm system

This chapter tells you how to operate your alarm system. It describes basic functions such as Setting and Unsetting as well as more advanced features.

7.1. Setting

Before your alarm system can detect an attempted break-in and trigger an alarm, it first has to be set. The next section tells you how to set it.

7.1.1. Setting the alarm system

To set your alarm system properly, carry out the steps described below.



Before activating, check that all relevant areas have been vacated and all doors and windows closed. You cannot set the system if any zones are open (see “Setting the system with zones active” on page 14).

1. Enter your user code on the keypad or hold your chip key against the control panel. You can press without activating the system.
2. In the bottom line of the display, a “*” is used to identify the partitions you can set. In this example, partitions 1 and 2, but not partitions 3–8 can be set.

Complete setting:

To set the complete alarm system, press the key and go to step 3. Setting depends on the partitions assigned to the user.

Partial setting:

If you only want to set a partition, press the corresponding number key on the number pad. For example, press 2 to select partition 2.

The display now shows the selected partition. To select a different area, press or . The bottom line shows the partition name if assigned.

Confirm the selected partitions with .

You now see a message informing whether zones have been omitted or shunted. Press to confirm.

3. Now leave the monitored area. You now hear a signal tone from the alarm sounder for the length of the exit timeout (if not blocked by your engineer).
4. Close the outer door and press the terminator button (if fitted).
5. When the signal tone stops, the system is active.

Important
 If the signal tone changes to an alarm tone, read the section “Silencing an alarm” on page 10. You can exclude zones from setting.

BANNER TEXT
 17:30 Sun 01 JAN

Set Partition?
 Ptns > **.....

Set Prtn 2?

ENT to Set With
 Zones Omitted

ENT to Set With
 Zones Shunted

Exit Now
 Arming System

17:31 Sun 01 JAN

7.1.2. Setting additional partitions

If some partitions of your alarm system are already active and you want to set further partitions, do the following:

```
BANNER TEXT
17:30 Sun 01 JAN
```

```
ENT=Unset System
Ptns > *2.....
```

```
Set Prtn 1?
```

1. Enter your user code on the keypad or hold your chip key against the control panel.
2. The bottom line of the display shows partitions you can access and which one of these are set/unset. In this example, you can access partitions 1 and 2, but only partition 2 is active.
3. If you only want to set a partition, press the corresponding number key on the number pad. For example, press 1 to select partition 1.
4. Confirm the selected partition with and continue with the next step (see “Setting the alarm system“ on page 8).

7.2. Unsetting

To unset your alarm system, go to an operating panel and follow the instructions.

```
Please Unset
System
```

If the internal sounder is making a sound:

1. The internal alarm sounder will sound and you will see the message shown left. Since you have entered an area monitored by the alarm system, the entry timeout starts. The signal tone continues to sound until you unset the system or the timeout expires.
2. Enter your user code on the keypad or hold your chip key against the control panel.

The alarm system is now unset.

Important

Due to the way your user code is programmed, you can only unset partitions to which you have access.

An alarm is triggered if you do not unset the alarm system within the preset entry timeout.

If there is no sound (entry timeout has not started):

1. Enter your user code on the keypad or hold your chip key against the control panel.
2. The bottom line of the display shows partitions you can access and which are set/unset. In this example, you have access to partitions 1, 2 and 3, but only partitions 1 and 2 are set.

```
ENT=Unset System
Ptns > 12*....
```

You now have the following options:

To Unset all partitions:

Press to unset all active partitions.

To Unset a single partition:

Press the number key on the keypad corresponding to a set partition. In this example, press 2 to set partition 2.

```
Unset Prtn 2?
```

The display shows the partition you have selected for Unsetting.

To select another partition, press or . The bottom line shows the partition name if defined by your engineer.

Confirm the Unsetting of the selected partitions with .

7.3. Silencing an alarm

If an alarm has occurred and you want to silence the sounders, do the following:

1. Enter your user code on the keypad or hold your chip key against the control panel. This stops the alarm tone from the internal and external alarm sounders.

Even if your user code does not give you access to the partition, the internal and external alarm tones are stopped. However, the exits and the strobe are not reset!

2. The display temporarily shows details of the alarm including the affected zone, the date and the time.
3. An alarm message appears and tells you that the system must to be reset.

Alarm 002
01:53 Sat 01 Jan

! Alerts !
01:53 Sat 01 Jan

7.4. Resetting the system

By resetting the system, you can get an overview of the alarm messages in the event memory. If you reset the system, the alarm messages of the display are deleted. In some cases, you may not be able to set your alarm system until you have reset it.

Important
Every user can silence the sounders and view the alarm messages. However, some alarms need an engineer code to reset the system.

If the system has to be reset, the keypad sounder may emit a warning chime every minute.

To reset your alarm system:

1. Enter your user code on the keypad or hold your chip key against the control panel when you see alarm messages on the display.
2. The display shows how many alarm messages there are (see figure on the left).
3. Press to view the messages one after the other.

Important
You can press to set/unset the system without deleting the alarm messages.

4. After reading each alarm message, the message shown on the left is displayed and you can reset the system. Confirm reset with .

The alarm messages should not continue to be displayed unless:

- The reason for the alarm still exists.
- You need an engineer to reset the system.

7.5. Further options

7.5.1. Special user codes

Depending on the configuration of your alarm system, special user codes can run the following features:

! Alerts !
17:38 Wed 16 MAR

0001 Faults
[ENT] To Scroll

ALARM 0003
08:13:45 01/01

Press ENT
To Reset

- Generate a silent duress alarm (duress code).
If you are forced to unset the alarm system, you can call for help with this. A duress alarm is sent via the modem and the alarm system is unset.
- Generate a full panic alarm (panic code).
- Isolate zones.
You can isolate (shunt) zones from monitoring if, for example, you want to leave a window open. If you enter the code again, the zone is reinstated again (isolation code).

7.5.2. Panic alarm on operating panel

If keypad panic alarms are enabled, a panic alarm is generated by simultaneously pressing keys 1 and 3.

8. Troubleshooting

This chapter contains a summary of the messages displayed on the operating panel when resetting the system (see “Resetting the system“ on page 10).

If you cannot clear an error yourself, contact the engineer.

8.1. Alarm messages

An alarm has occurred. The zone number, date and time are displayed.

```
ALARM 0005
08:13:45 01/01
```

The built-in modem reports a fault in the telephone line. You cannot set your system until the fault has been cleared.

```
PSTN LINE FAULT
12:00 Sun 01 JAN
```

There is no mains to the control unit and the system is running on its standby battery. You cannot set your system until the mains power supply is restored. If this fault continues indefinitely, the standby battery will fail and the system will switch off.

```
AC Mains Fault
```

The emergency power supply (standby battery) reports a fault or has been cut off. You cannot set your system until the fault has been cleared.

```
Battery Fault
```

The lid of the alarm centre was opened. You cannot set your system until the fault has been cleared.

```
PANEL LID TAMPER
08:13:45 01/01
```

The alarm centre has additional tamper zones for monitoring auxiliary modules. The lid of an auxiliary was opened. You cannot set your system until the fault has been cleared.

```
AUXILIARY X TAMP
12:00 Sun 01 JAN
```

The lid of the external bell was removed. You cannot set your system until the fault has been cleared.

```
BELL TAMPER
12:00 Sun 01 JAN
```

One or more sensors have failed an engineer test. You can set/unset your alarm system, but you should contact the engineer.

```
TEST CCTS FAILED
12:00 Sun 01 JAN
```

This message is displayed if the tamper contact of a zone is triggered.

```
TAMPER 0001
Office Window
```

The engineer code or the remote reset code must be entered to reset the system.

```
CALL ENGINEER TO
RESET SYSTEM
```

Contact the engineer for an engineer reset.

```
Reset Required
```

8.2. Other messages

SERVICE REQUIRED
12:00 Sun 01 JAN

The alarm system needs servicing. You can still set or unset, but you should contact the engineer.

RELEARN REQUIRED
12:00 Sun 01 JAN

The hardware configuration of the alarm system has changed. You cannot set your system.

CODE TAMPER
KEYPAD LOCKED !

This message is displayed if an operating panel is locked after too many invalid code entries. After five minutes, the message is automatically cleared and the operating panel is unlocked.

! AUTO SETTING !
12:00 Sun 01 JAN

The alarm system has an automatic setting feature that sets/unsets specific partitions automatically at scheduled times. This message is displayed one minute before the scheduled time and an setting gong sounds every 10 seconds to warn you about the pending setting. If you have the right user code, you can delay automatic setting by entering the code.

Engineer on Site
12:00 Sun 01 JAN

The engineer is on site and the logged into the alarm system. If necessary, you can operate the system normally. This message is automatically cleared when the engineer logs out.

SYSTEM IS BUSY
PLEASE WAIT

Another user is currently accessing the alarm system. You cannot use your operating panel as long as this message is displayed.

Sorry, cannot set
Aux X tamp open

Cannot set because of a tamper fault on auxiliary zone 1 or 2. Clear the error.

Sorry, cannot set
Bell box tamper

Cannot set because of a tamper fault on the external sounder. Clear the error.

Sorry, cannot set
Equipment faulty

Cannot set because of a fault from one or more components. Clear the error.

Sorry, cannot set
Zone in fault

Cannot set because of a fault from one or more zones. Press to view the zone concerned. Clear the error.

Sorry, cannot set
Panel lid tamper

Cannot set because of a tamper fault on the control unit. Clear the error.

Sorry, cannot set
Mains Power off

Cannot set because there is no mains power at the control unit. Clear the error.

Sorry, cannot set
Phone line fault

Cannot set because of a line fault from the remote signalling device. Clear the error.

Sorry, keypad
Is locked out

The operating panel has been locked out of the system (normally by a keyswitch) and cannot be used by other users.

8.3. Setting the system with zones active

8.3.1. Overview

If you try to set the system while one or more zones are active, the system reaction depends on whether the engineer has selected the option “View exit errors” or “Ignore errors”.

8.3.2. Setting with “View Errors”

If “View exit errors” is set, set the system as follows:

```
Following Zones
Are In Error :-
```

```
Office window
2002 Active
```

```
Office door
2001 Active
```

```
*NO ERROR ZONES*
PRESS ENT TO SET
```

1. The system gives a fault tone and interrupts the exit procedure.
2. The display scrolls automatically through the zones active automatically.
3. Find out why the zones are active and rectify the cause.
4. When all zones are healthy, the display on the left appears. Confirm with to start the exit procedure. Continue as normal.

Important
 To cancel setting without correcting the active zones, press .

8.3.3. Setting with “Ignore Errors”

If “Ignore Errors” is set, do the following:

```
Office window
2002 Active
```

```
Office door
2001 Active
```

1. The system issues an acoustic error signal and the display shows all active zones in sequence.
2. Find out why the zones are active and rectify the cause.

Important
 To cancel setting without correcting the active zones, enter your user code and press when prompted.

3. When all zones are healthy, continue as normal.

If zones are still active at the end of the exit procedure:

```
Set Fail:-
Ptns : 1.....
```

1. The internal sounder sounds, the external strobe flashes, and the display shows the message on the left.
2. Enter your user code on the keypad or present your chip key to silence the alarm. Repeat the procedure to reset your system.

Index

alarm messages	12
alarm system	
activating additional partitions.....	9
complete activation	8
deactivating on signal tone	9
deactivating without signal tone	9
operating	8
resetting	10
downloading	7
duress alarm	11
operating panel	6
panic alarm	11
on operating panel	11
partition	5
activating	8
partitions	
deactivate all	9
deactivating	9
remote alarm	7
remote control	7
troubleshooting	12
zone	5
zones	
isolate	11

9. System plan

This system plan provides information on components installed in your alarm system, their location and functioning, as well as any modifications. The system plan is always a component on the alarm system and should be stored in a safe place.

Partition	Description	Zones	User	Zns shunable	Zns omissible	Zns chime

Auto Set A		Auto Set B		Auto Set C	
Time Switch A		Time Switch B		Time Switch C	
Entry time		Exit time		Sirene delay	
Sirene duration					

In the event of problems, please contact: