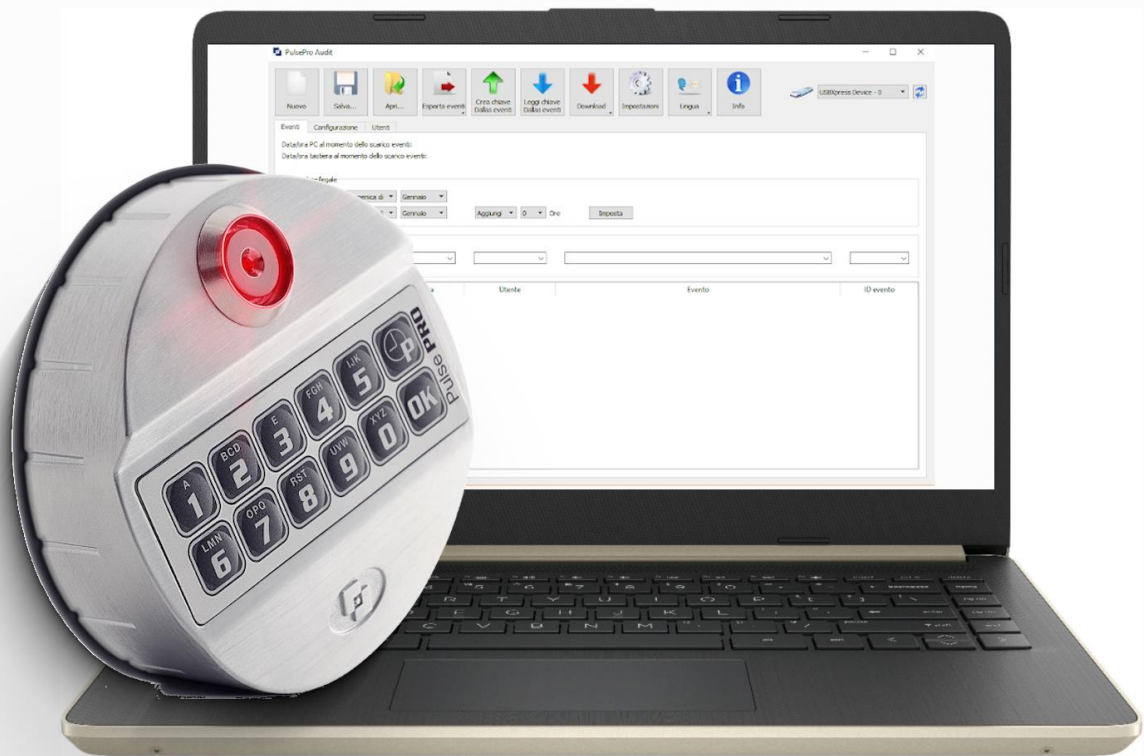


PulsePro Audit

Software instructions



Company

Founded in 1983 with the aim of providing a complete range of professional products, Tecnosicurezza is now a consolidated reality in the field of locks and security systems for safes.

The experience gained in over 35 years of activity in the security sector has allowed the designing and manufacturing of high technology and reliability systems, which continue to receive the approval of an increasingly demanding clientele.

TECNOSICUREZZA is present directly on the Italian, Spanish and US markets and, through a extensive distribution network, in many European and extra-European countries.

TECNOSICUREZZA is aimed at national and international customers of primary importance, such as banks, safe manufacturers, cash in transit companies, mass market retailers and post offices.

Today TECNOSICUREZZA is a leading company focused on the customers' needs and constantly in step with technology.

PulsePro Audit

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Before operating the lock,
please read this manual thoroughly,
and retain it for future reference.

1. Software installation

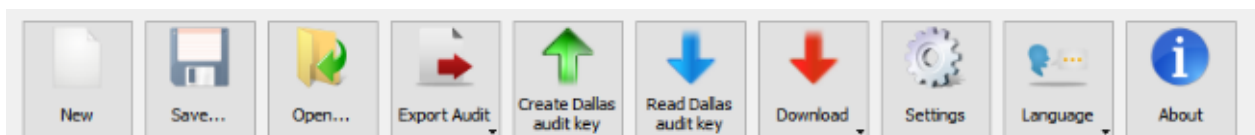
1.1 Download and install USB driver

1. Access to the “download” page in the Tecnosicurezza website and download the USB driver (usb_driver_x.zip) in the section “Software” of the Pulse PRO lock.
2. The zipped file will download to either the Downloads folder or another location depending on the browser.
3. Once the file has downloaded, it must be unpacked or unzipped. Locate then right click the file and select “Extract all...”.
4. If the driver has been provided on CD or USB flash drive, copy the file to your computer and unpack it.
5. Once the file has been extracted, locate the application “USBXpressInstaller”.
6. Double click the application, allow the file to run if prompted, and wait for the driver to finish installing.

1.2 Download and install Pulse PRO Audit software

1. Access to the “download” page in the Tecnosicurezza website and download the installation file of the Pulse PRO Audit software (pulseproaudit_x-x-x.zip) in the section “Software” of the Pulse PRO lock.
2. The zipped file will download to either the Downloads folder or another location depending on the browser.
3. Once the file has downloaded, it must be unpacked or unzipped. Locate then right click the file and select “Extract all...”.
4. If the software has been provided on CD or USB flash drive, copy the file to your computer and unpack it.
5. Once the file has been extracted, locate the application “PulseProAudit_x.x.x”.
6. Double click the application, allow the file to run if prompted, and wait for the driver to finish installing.

2. Pulse Pro Audit



PulsePro Audit comes with a main upper toolbar that allows to perform the following functions:

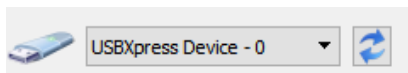
- | | |
|--------------------------------|--|
| <i>New</i> | Allows to reset the screen to download a new audit trail. |
| <i>Save...</i> | Allows to save the audit file in .paud format (PulsePro Audit file). |
| <i>Open...</i> | Allows to open an audit file. |
| <i>Export events</i> | Allows to export the audit trail in a PDF file or Excel file. |
| <i>Create dallas audit key</i> | Allows to create an audit dallas key. |
| <i>Read dallas audit key</i> | Allows to read an audit dallas key. |
| <i>Download</i> | Allows to download the audit trail or the user’s Log. |

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Settings Allows to modify the date/time format and the audit type.

Info Allows to show the software informations.

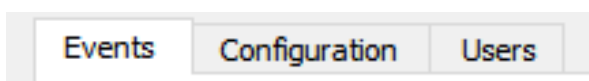
On the right side there's the USB interface field connected to the PC.



If there are no interfaces connected to the PC (or in case of driver's problems), it shows "No USB found". If there are more interfaces connected to the PC, select the interface from the list.

Press  to refresh the list.

Down there are 3 different screens.



2.1 Events

#	Device	Date/Time	User	Event	Event ID
1	Lock	28/04/2020 13.08.31	Manager	Entered 'Users status/audit download' function	55
2	Lock	28/04/2020 13.08.31	Manager	Valid code	2
3	Lock	28/04/2020 13.08.20		Bolt closed	249

At first, the screen shows time and date of PC at the audit download moment, and the time and date at the audit download moment.

Daylight saving time Allows to set the DST time and date change to update the time and date of the audit trail.

Filters Allows to set the parameter to filter the events.

On the bottom of the screen there is the audit trail.

2.2 Configuration

The configuration window shows the informations and the configuration of the Pulse Pro lock.

Information

- Lock name: TB111h
- Serial number: -----
- Lock version: 1.05
- Keypad version: 1.13

Configuration

- Active configuration: 00
- Time delay: 00
- Open window: 01
- Standard users in dual mode: No
- Override users in dual mode: Yes
- Override users: Yes
- First override user: 10
- Code expiration: No
- Bolt open alarm: No
- Input configuration: Remote block
- Output configuration: Bolt switch output
- Buzzer muted: No
- Date format: dd/mm/yyyy
- Silent alarm: No
- ERC: Yes
- Managers management: No

PulsePro Audit

Informations It shows the informations of the Pulse Pro lock.

Configuration It shows the current configuration of the Pulse Pro lock.

2.3 Users

The users window shows the list of the users, the status and the opening mode.

User	Status	Opening mode
Master	Installed	Code only
Manager	Installed	Code only
User 01	Installed	Code only
User 02	Deleted	Code only
User 03	Deleted	Code only

2. Keypad with Dallas key reader

2.1 Download the audit to a Dallas key for audit (max 1.200 events)

Equipment:	Pulse PRO keypad with Dallas key reader	Magnetic Dallas key for audit and setup	Dallas keys reader with molex connector.	USB interface
				
Reference:	T6630/DL	N1996RM	N42170/D	N42180/T

2.1.1 How to configure an audit Dallas key through Pulse PRO Audit software:

1. Launch the Pulse PRO Audit software.
2. Connect the USB interface to a USB port of the PC.
3. Connect the Dallas keys reader with molex connector to the USB interface.
4. Click on the "Create audit key" icon.
5. Connect the Dallas key on the reader and follow the software instructions.



2.1.2 How to download the audit:




1. Press and hold key "7" until a double beep. Led remains ON.
2. Enter a Manager or a Master code. Double beep.
3. Press key "OK". Led flashing.
4. Connect the magnetic Dallas key for audit to the keypad Dallas key reader. Double beep.
5. When download in progress a single beep every 3 seconds is heard.
6. When download is finished a double beep is heard.
7. When the Dallas key is removed from the reader, a double beep is heard as a confirm of the operation successfully completed.

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8. Launch the Pulse PRO Audit software.
9. Connect the USB interface to a USB port of the PC.
10. Connect the Dallas keys reader with molex connector to the USB interface.
11. Click on the “Read audit key” icon.
12. Connect the Dallas key on the reader and follow the software instructions.

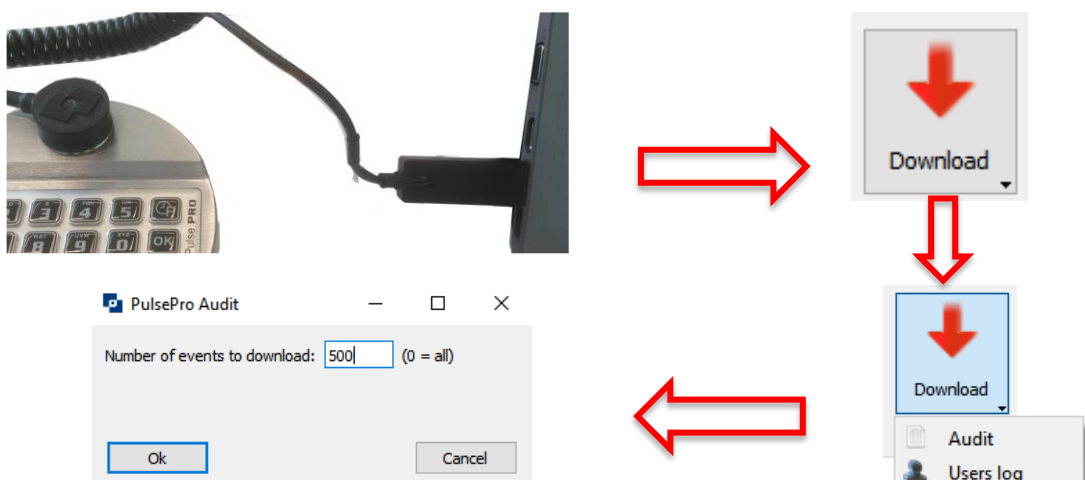


2.2 Download the audit to a PC (all available events and users log)

Equipment:	Pulse PRO keypad with Dallas key reader	Magnetic Dallas key connection cable	USB interface	
				
Reference:	T6630/DL	N42170/M	N42180/T	






2.2.1 How to download the audit or users log:

1. Start the Pulse PRO Audit software.
2. Connect the USB interface to a USB port of the PC.
3. Connect the magnetic Dallas key connection cable to the USB interface.
4. Press and hold key “7” until a double beep. Led remains ON.
5. Enter a Manager or a Master code. Double beep.
6. Press key “P”. Led flashing.
7. Connect magnetic Dallas key connection cable to the keypad Dallas key reader.
8. Click on the “Download” icon.
9. Click on the “Audit” or “Users log” icon.
10. For “Audit”: choose the number of events you want to download and click on the icon “Download”.
11. When download is finished led goes off and a single beep is heard.



3. Keypad without Dallas key reader

3.1 Download the audit to a Dallas key for audit (max 1.200 events)

Equipment:	Pulse PRO keypad without Dallas key reader	Magnetic Dallas key for audit and setup	Cabling interface	Dallas keys reader with molex connector.	USB interface
					
Reference:	T6630	N1996RM	T20016/T	N42170/D	N42180/T

3.1.1 Connections (see example at the end of the paragraph)

1. Disconnect the cable linking the keypad to the lock and connect it to one of the two input of the cabling interface.
2. Connect the Dallas keys reader with molex connector to the other input of the cabling interface.
3. Connect the cabling interface output to the ENT port of the lock.

3.1.2 How to configure an audit Dallas key through Pulse PRO Audit software:

1. Launch the Pulse PRO Audit software.
2. Connect the USB interface to a USB port of the PC.
3. Connect the Dallas keys reader with molex connector to the USB interface.
4. Click on the "Create audit key" icon.
5. Connect the Dallas key on the reader and follow the software instructions.





3.1.3 How to download the audit:

1. Press and hold key "7" until a double beep. Led remains ON.
2. Enter a Manager or a Master code. Double beep.
3. Press key "OK". Led flashing.
4. Connect the magnetic Dallas key for audit to the Dallas keys reader with molex connector. Double beep.
5. When download in progress a single beep every 3 seconds is heard.
6. When download is finished a double beep is heard.
7. When the Dallas key is removed from the reader, a double beep is heard as a confirm of the operation successfully completed.
8. Launch the Pulse PRO Audit software.
9. Connect the USB interface to a USB port of the PC.
10. Connect the Dallas keys reader with molex connector to the USB interface.
11. Click on the "Read audit key" icon.
12. Connect the Dallas key on the reader and follow the software instructions.

Note: for further informations refer to paragraph 2.1 .

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3.2 Download the audit to a PC (all available events)

Equipment:	Pulse PRO keypad without Dallas key reader	Cabling interface	Molex cable	USB interface
				
Reference:	T6630	T20016/T	L41040/2L	N42180/T

3.2.1 Connections (see example at the end of the paragraph)

1. Disconnect the cable linking the keypad to the lock and connect it to one of the two input of the cabling interface.
2. Connect the molex cable to the other input of the cabling interface and to the USB interface.
3. Connect the cabling interface output to the ENT port of the lock.

3.2.1 How to download the audit or users log:

1. Start the Pulse PRO Audit software.
2. Connect the USB interface to a USB port of the PC.
3. Connect the magnetic Dallas key connection cable to the USB interface.
4. Press and hold key "7" until a double beep. Led remains ON.
5. Enter a Manager or a Master code. Double beep.
6. Press key "P". Led flashing.
7. Connect magnetic Dallas key connection cable to the keypad Dallas key reader.
8. Click on the "Download" icon.
9. Click on the "Audit" or "Users log" icon.
10. For "Audit": choose the number of events you want to download and click on the icon "Download".
11. When download is finished led goes off and a single beep is heard.

Note: for further informations refer to paragraph 2.2 .



Connection example.

Note: connect the dallas key reader only for the dallas key download.

Correct disposal of this product:

(Waste Electrical & Electronic Equipment)

Applicable in the European Union and other European countries with separate collection systems.



This marking displayed on the product or its literature indicates that it should not be disposed with other wastes at the end of its working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

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