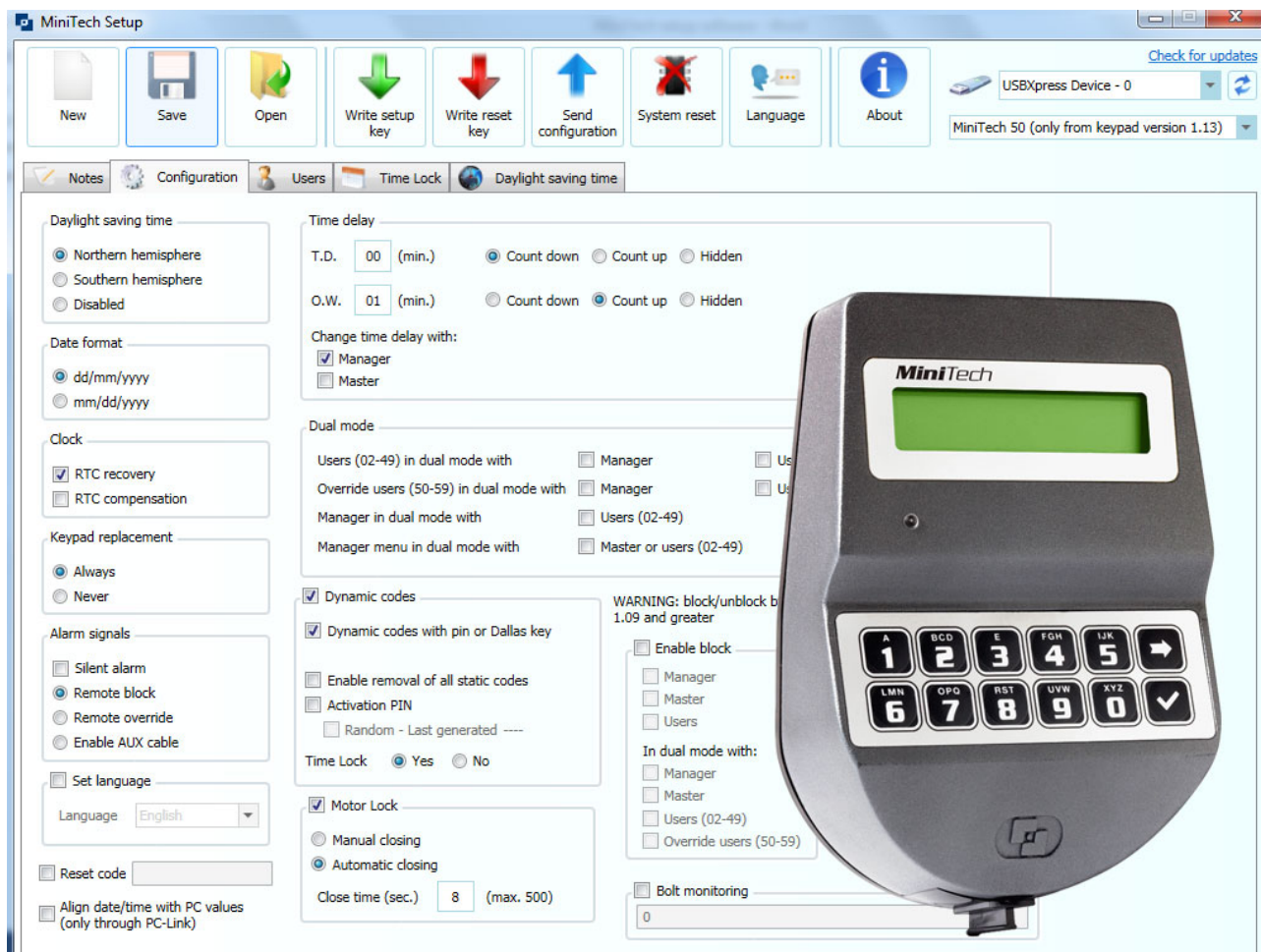


MINITECH SETUP SOFTWARE



REFERENCE MANUAL



www.tecnosicurezza.it

Contents

1 MiniTech setup software overview	3
2 MiniTech setup software: main toolbar	3
3 Main screen	4
3.1 Notes screen.....	4
3.2 Configuration screen	4
3.3 Users screen	8
3.4 Time Lock screen	10
3.5 Daylight saving time screen	11
4 Lock reset procedure.....	12
4.1 Lock reset with Dallas key.....	12
4.2 Lock reset with direct connection.....	14
5 Lock programming procedure.....	16
5.1 Lock programming with Dallas key	16
5.2 Lock programming with direct connection	18

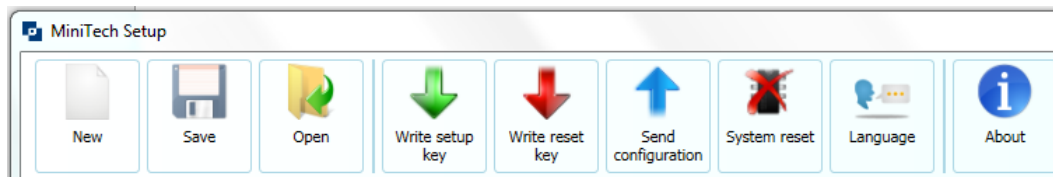
1 MiniTech setup software overview

The MiniTech setup software is used to configure all the parameters of the MiniTech safe lock system or to reset it.

This can be done directly via a cable connection or by creating setup or reset Dallas keys.

2 MiniTech setup software: main toolbar

The MiniTech setup software has a toolbar with the following commands:



New: Create a new configuration file.

Save: Save the current configuration file.

Open: Open an existing configuration file.

Write setup key: Write a setup Dallas key to be used for the programming of the lock.

Write reset key: Write a reset Dallas key to be used during the procedure to reset the MiniTech locks.

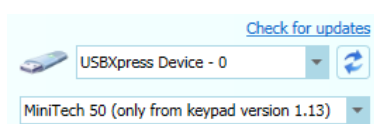
Send configuration: Send the configuration to the MiniTech directly by means of the N42170/M magnetic Dallas key connection cable or the T42146/J molex/jack connection cable.

System reset: Reset the MiniTech lock directly by means of the N42170/M magnetic Dallas key connection cable or the T42146/J molex/jack connection cable.


Language: Select the language for the MiniTech setup software.

About: Show the version of the MiniTech setup software.

On the right side of the toolbar there are 3 further commands/indicators, that is the command to check for the software updates, the indication of the USB interface and the drop-down list where you can select which version of MiniTech you want to program.



The first one is Check for updates. By clicking on this link it is possible to check for SW updates (if the PC is connected to internet, the software automatically checks for updates).

Below that, at the side of the icon there  is a field where is indicated the Tecnosicurezza USB interfaces (N42180/T) connected to the computer. In case there are no interfaces plugged in (or in case of a problem with the USB interface driver), it indicates "No USB device found". In case there are more interfaces connected, from the drop-down list you have to select which one to use.

At the bottom there is a drop-down list where you have to select which version of MiniTech you are going to program. If you do not know the version of your MiniTech, press and hold the button no. 8 in the keypad to show the firmware version on the display.

Below the main toolbar there is the main screen, divided into 5 different screens whose content depends on which tab is selected.

The main screen is explained in detail in the next paragraph.

3 Main screen

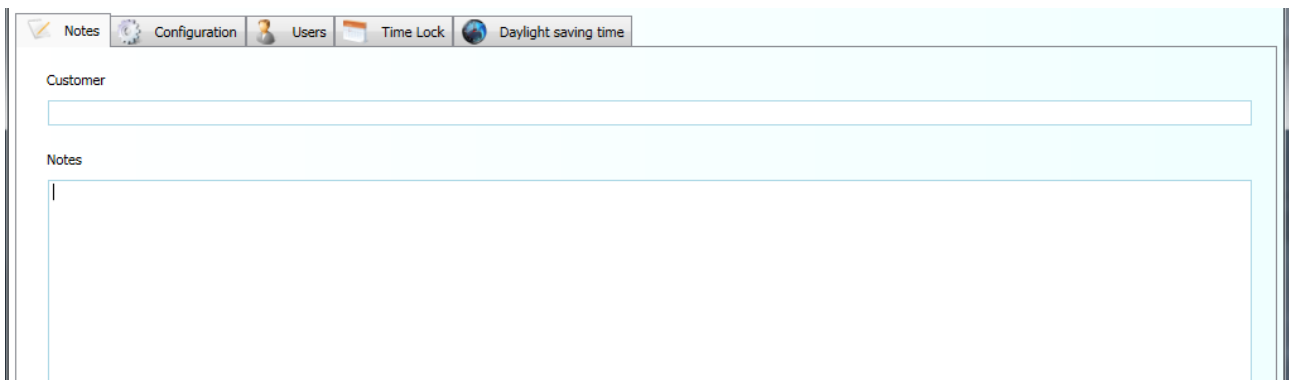
The main screen consists of five different screens called up by clicking on the specific tab. At the starting of the software, it is shown the Notes screen.

3.1 Notes screen

The Notes screen is made up of the fields Customer and Notes.

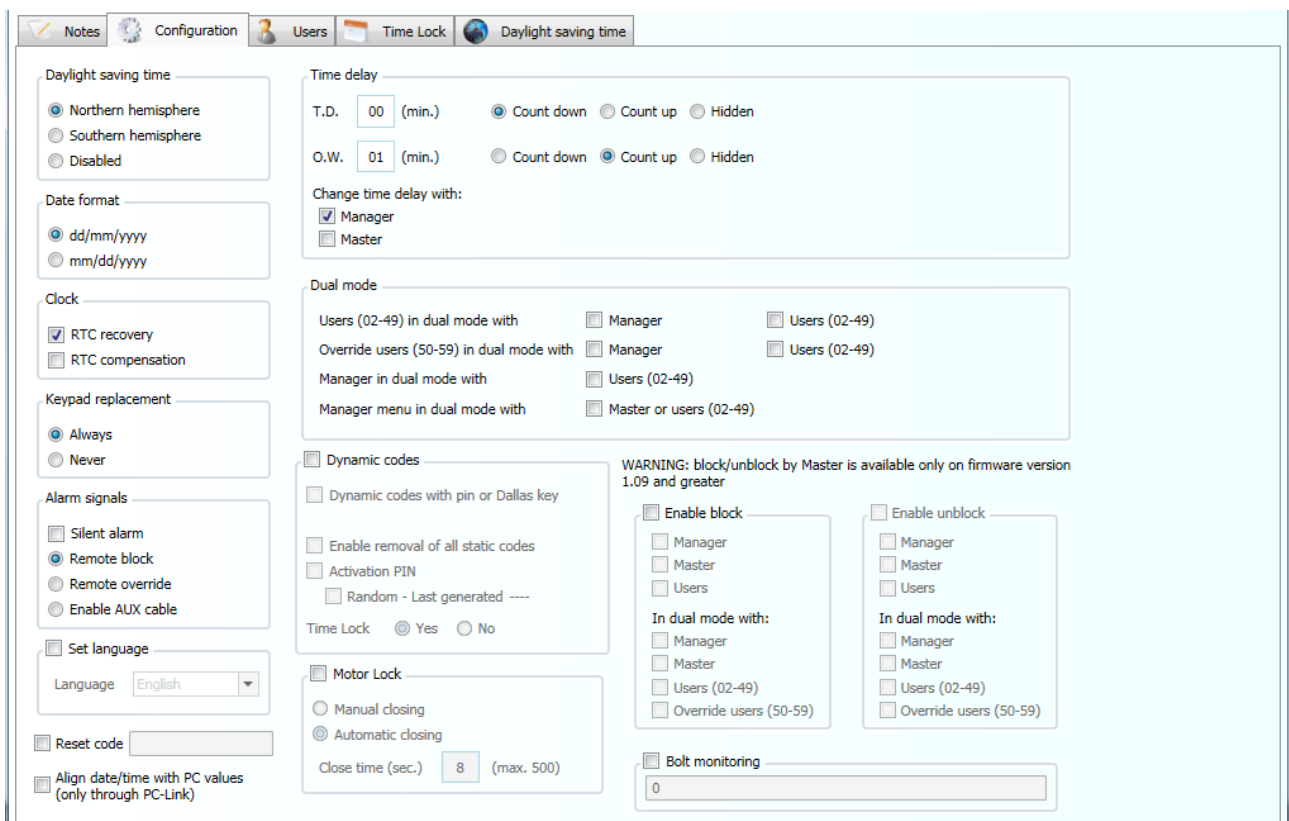
In the Customer field you can write down the customer to whom it is intended the lock you are programming.

In the Notes field you can write down notes related to the programming.



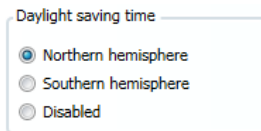
3.2 Configuration screen

This is the screen where the main settings are located.

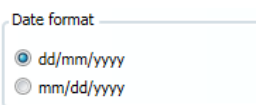


Below you can find all the explanations of the various settings, section by section, starting from the top left.

Daylight saving time: Here you have to select the hemisphere where the lock will be installed. This function refers to the automatic activation of the Daylight Saving Time (DST). If you select the check-box Disabled, the DST will not be activated. By default, this option is set to Northern hemisphere.

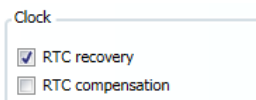
A screenshot of the 'Daylight saving time' settings. It features three radio button options: 'Northern hemisphere' (selected), 'Southern hemisphere', and 'Disabled'.

Date format: Here you have to select the desired date format (dd/mm/yyyy days, months, years or mm/dd/yyyy months, days, years). By default, the date format is set to dd/mm/yyyy.

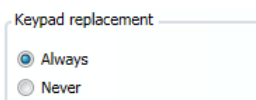
A screenshot of the 'Date format' settings. It features two radio button options: 'dd/mm/yyyy' (selected) and 'mm/dd/yyyy'.

RTC recovery: If selected, in case of failure of the real time clock of the system, you can manually re-synchronize the clock of the system. It is advisable to keep this check box selected.

RTC compensation: Not supported.

A screenshot of the 'Clock' settings. It features two checkboxes: 'RTC recovery' (checked) and 'RTC compensation' (unchecked).

Keypad replacement: Here you have to choose if it is allowed to replace the keypad keeping the same lock (Always) or if it is not allowed to replace the keypad (Never). In the latter case, during programming, the keypad is paired to its lock (in case of failure of the keypad, you will need to replace both keypad and lock).

A screenshot of the 'Keypad replacement' settings. It features two radio button options: 'Always' (selected) and 'Never'.

Silent alarm: If selected, it will be possible to use the duress code, which is equivalent to the traditional PIN code with the last digit increased by 1 (e.g. normal code 111111, duress code 111112).

When the duress code is entered the lock will open following the normal programmed parameters and simultaneously will activate the output signal of the alarm interface (N077/A, T6005, T7005).

Remote block: If selected, when a signal is received at the input of the alarm interface (N077/A, T6005, T7005), the keypad will be blocked.

Remote override: If selected, when a signal is received at the input of the alarm interface (N077/A, T6005, T7005), the time delay is bypassed (if present) and all users can open immediately.

Enable AUX cable: Not supported.

Alarm signals

☐ Silent alarm

☒ Remote block

☐ Remote override

☐ Enable AUX cable

Set language: Not supported

Reset code: If selected, a 6 digits PIN will be requested for resetting the lock.

Align date/time with PC values: if selected, the time and date of the keypad is synchronized with the time and date of the PC during the uploading of the programming.

☐ Reset code

☐ Align date/time with PC values
(only through PC-Link)

T.D.: Here you can enter the value of Time Delay in minutes (from 0 to 99).

You can also select if and how the Time delay counting is shown on the keypad's display. By default, this option is set to Count down.

O.W.: Here you can enter the value of the Open Window in minutes (from 1 to 19).

You can also to select if and how the Open Window counting is shown on the keypad's display. By default, this option is set to Count up.

Change time delay with: Check the related check-box to select who can change the Time Delay: Manager, Master or both. By default this option is set to Manager.

If Manager is not selected, the function 9 (press and hold button no.9) on the MiniTech will not work. If Master is not selected, in the Master menu it will not be present the Time Delay settings.

Time delay

T.D. (min.) ☒ Count down ☐ Count up ☐ Hidden

O.W. (min.) ☐ Count down ☒ Count up ☐ Hidden

Change time delay with:

☒ Manager

☐ Master

Dual mode: Here you can select which users work in dual mode and with whom.

In dual mode two different codes are required to open the safe. When set, the lock requires that two users enter their individual codes, one after the other, before the lock opens.

You can choose that a standard user opens with manager or with another standard user.

You can choose that an override user opens with manager or with a standard user.

You can choose that manager opens with a standard user.

You can choose that to use the functions of the manager menu, besides the manager code it must be entered the master code or a standard user code.

You can choose that a dynamic code (One Time Code) opens with manager or with a standard user.

Dual mode

Users (02-49) in dual mode with	<input type="checkbox"/> Manager	<input type="checkbox"/> Users (02-49)
Override users (50-59) in dual mode with	<input type="checkbox"/> Manager	<input type="checkbox"/> Users (02-49)
Manager in dual mode with	<input type="checkbox"/> Users (02-49)	
Manager menu in dual mode with	<input type="checkbox"/> Master or users (02-49)	
Dynamic codes in dual mode with	<input type="checkbox"/> Manager	<input type="checkbox"/> Users (02-49)

Dynamic codes: If selected, the Dynamic Codes (One Time Code) function is enabled in the lock. The dynamic codes will only be enabled, but not installed. The actual installation can be done at a later time by keypad in the Master menu.

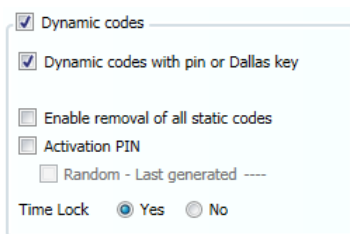
Dynamic codes with pin or Dallas key: if selected, the identification of a Dynamic code user can be made with a 4 digits PIN instead of the Dallas key. The identification with the Dallas key will still be possible.

Enable removal of all static codes: if selected, when the Dynamic codes are installed by keypad in the the Master menu, all the static codes (including the Manager, except the Master, which however is not able to open the lock) will be deleted.

Activation PIN: if selected, a 4 digits activation PIN has to be used during the initialization of the lock for the Dynamic codes. The activation PIN has to be chosen during the enabling of the Dynamic codes in the menu Master.

Activation PIN – Random: As the previous but the activation PIN is given randomly by the keypad during the enabling of the Dynamic codes in the menu Master.

Time Lock: Here you can decide if the Dynamic users will be subjected to the Time Lock or not.



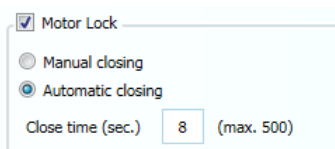
A screenshot of a configuration menu titled "Dynamic codes". It contains several options with checkboxes and radio buttons. The "Dynamic codes" checkbox is checked. Below it, "Dynamic codes with pin or Dallas key" is also checked. "Enable removal of all static codes" and "Activation PIN" are unchecked. Under "Activation PIN", there is a sub-option "Random - Last generated" which is unchecked. At the bottom, "Time Lock" is set to "Yes" with a selected radio button, and "No" is unselected.

Motor Lock: Select this option if you are programming a motorized lock (T5200/M, T5200/M/S).

Manual closing: If select, the motor lock will stay open until you press and hold the button →.

Automatic closing: If selected, the motor lock will close automatically after the seconds set in the Close time field.

Close time (sec.): Here you set the time in seconds (max. 500) for the automatic reclosing of the bolt after an opening.



A screenshot of a configuration menu titled "Motor Lock". It contains two radio button options: "Manual closing" and "Automatic closing". "Automatic closing" is selected. Below these options, there is a field for "Close time (sec.)" with the value "8" entered, and a note "(max. 500)".

Enable block: Select this check-box to enable the block function (for more information please refer to the MiniTech user instructions).

It is possible to select who is allowed to block the lock (more choices possible): Manager, Master, Users.

Alone or in dual mode with (more choices possible): Manager, Master, Users, Override Users.

Enable unblock: Select this check-box to enable the unblocking in the block function (for more information please refer to the MiniTech user instructions).

Furthermore, it is possible to select who is allowed to unblock the lock (more choices possible): Manager, Master, Users.

Alone or in dual mode with (more choices possible): Manager, Master, Users, Override Users.

WARNING: block/unblock by Master is available only on firmware version 1.09 and greater

☐ Enable block

☐ Manager

☐ Master

☐ Users

In dual mode with:

☐ Manager

☐ Master

☐ Users (02-49)

☐ Override users (50-59)

☐ Enable unblock

☐ Manager

☐ Master

☐ Users

In dual mode with:

☐ Manager

☐ Master

☐ Users (02-49)

☐ Override users (50-59)

Bolt monitoring: Select the check-box to activate the bolt work alarm and enter the number of minutes (max. 240) after which the keypad warns that the bolt of the lock is open. By default, the field is set to "0" (no control over the bolt opening time).

☐ Bolt monitoring

0

3.3 Users screen

In the Users screen there are all settings related to the users.

Notes Configuration **Users** Time Lock Daylight saving time

Set Manager and all users (01-59)

Status: Blocked ☒ Code ☐ Dallas key Time Lock: ☒ Yes ☐ No Set all

Users	Status	ID	Code	Dallas key	Time Lock	Special features
Master	Installed	<input checked="" type="checkbox"/>	12345678	<input type="checkbox"/> - <input checked="" type="checkbox"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/> Manager management
Manager	Installed	01	<input checked="" type="checkbox"/> 123456	<input type="checkbox"/> - <input checked="" type="checkbox"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/> Manager don't open
User 02	Installed	02	<input type="checkbox"/> 020202	<input checked="" type="checkbox"/> C5FE0600CFD50A69 <input checked="" type="checkbox"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	
User 03	Deleted	03	<input checked="" type="checkbox"/> 030303	<input type="checkbox"/> - <input checked="" type="checkbox"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	
User 04	Blocked	04	<input checked="" type="checkbox"/> 040404	<input type="checkbox"/> - <input checked="" type="checkbox"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	

At the top there are a few basic settings that can be transferred to all users.

Set Manager and all users (01-59)

Status: Installed ☒ Code ☐ Dallas key Time Lock: ☒ Yes ☐ No Set all

Installed
Deleted
Blocked

Status: from the drop-down list you can choose the status of the users. Users can be:

Installed: User programmed and installed (active).

Deleted: User programmed and not installed (not active), but can be installed (activated) from the keypad.

Blocked: User not programmed. It cannot be installed (activated) from the keypad.

Code: If selected, all users will have a numeric code.

Dallas key: If selected, all users will have the Dallas key.

Time Lock: Select if you want users to be subjected to the Time Lock or not.

Click the **Set All** button to transfer the previous settings to all users.

Below these settings there is the list of all users, where it is possible to apply the settings for each user.

Users	Status	ID	Code	Dallas key			Time Lock		Special features
Master	Installed		12345678	<input type="checkbox"/>	<input type="text" value="-"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/> Yes		<input type="checkbox"/> Manager management
Manager	Installed	01	123456	<input type="checkbox"/>	<input type="text" value="-"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No		<input type="checkbox"/> Manager don't open
User 02	Deleted	02	020202	<input type="checkbox"/>	<input type="text" value="-"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No		
User 03	Installed	03	030303	<input type="checkbox"/>	<input type="text" value="-"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No		
User 04	Deleted	04	040404	<input type="checkbox"/>	<input type="text" value="-"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No		
User 05	Blocked	05	050505	<input type="checkbox"/>	<input type="text" value="-"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No		

Users: In this column is indicated the user.

Status: In this column is indicated the status for that user. The status can be:

Installed: User programmed and installed (active).

Deleted: User programmed and not installed (not active), but can be installed (activated) from the keypad.

Blocked: User not programmed. It cannot be installed (activated) from the keypad.

ID: In this column is indicated the ID of the user, consisting of 2 digits.

When you open the lock, in the keypad first you have to enter the ID of the user and then its 6 digits code. Manager is the ID 01, Master has no ID and cannot open the lock.

Code: If the check-box is selected, the user will have a numeric code.


At the right side of the check-box there is a field with the default user code (8 digits for the Master, 6 digits for the other users).

Click on the field and enter the desired default code if you want to change the suggested default code.

N.B. Users with only Dallas key (no code) must be set in dual mode with another user that has a code.


Dallas: If the check-box is selected, the user will have a Dallas key.

At the right side of the check-box, there is the field indicating the Dallas key code. This code can be read from the Dallas key or can be entered manually.

To associate a Dallas key to the user, you have to push the button  and then either enter the Dallas key code manually or getting the Dallas key code by reading the Dallas key with the Dallas key reader (USB interface N42180/T + Dallas key reader with molex connector N42170/D) connected to the computer (see picture below).



Dallas key			
<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	C5FE0600CFD50A69	<input type="checkbox"/>	<input type="checkbox"/>

To remove a Dallas key click on the button .

Time Lock: In this column you can select if you want the user to be subjected to the Time Lock or not.

Special features: For the Master user you can enable the Manager management. If the check-box is selected, Master can delete/install/disable/enable the Manager. If enabled, the Manager management function will be in the Master menu.

For the Manager user you can choose if Manager can open or not. If the check-box is selected, Manager cannot open.

3.4 Time Lock screen

In the Time Lock screen there are the settings for the Time Lock.

Notes
Configuration
Users
Time Lock
Daylight saving time

☐ Hide time lock menu

Weekly time lock

Day: Monday
Add

Opening time: 08:00
Delete

Closing time: 18:00
Delete all

Day	Opening time	Closing time
Monday	08.00	18.00
Tuesday	08.00	18.00
Wednesday	08.00	18.00
Thursday	08.00	18.00
Friday	08.00	18.00

Closing periods

Closing date/time: 30/06/2017 08:00
Add

Opening date/time: 30/06/2017 08:00
Delete

☒ Repeat every year
Delete all

Closing date/time	Opening date/time
-------------------	-------------------

Opening periods

Opening date/time: 30/06/2017 08:00
Add

Closing date/time: 30/06/2017 08:00
Delete

☒ Repeat every year
Delete all

Opening date/time	Closing date/time
-------------------	-------------------

Hide time lock menu: If selected, there will not be the Time Lock function in the Master menu. Therefore it will not be possible to modify the Time Lock values from the keypad.

Weekly time lock: Here you can add the Time lock values. You can add up to 4 different time periods for each day within which the lock can be open.

To add a new time period, select the day for the time period, select an opening time, select a closing time and then click on the button **Add**.

If the selected day is Monday, then after clicking Add, a new message will ask you if you want to complete the week. Click Yes if you want to add the time period in all weekdays (from Monday to Friday). If you click No, the time period will be added only for Monday.

To delete a time period, select it from the list and click on the button **Delete**.

To delete all time periods of the list, click on the button **Delete All**.

Closing periods: Here you can add up to 30 periods within which the lock cannot be open (independently from what you defined in the weekly Time Lock).

To add a new Closing period, select the Closing date/time, select the Opening date/time, select if you want to repeat the Closing period every year and then click on the button **Add**.

To delete a Closing period, select it from the list and click on the button **Delete**.

To delete all Closing periods of the list, click on the button **Delete All**.

Opening periods: Here you can add up to 30 periods within which the lock can be open (independently from what you defined in the weekly Time Lock and in the Closing periods).

To add a new Opening period, select the Opening date/time, select the Closing date/time, select if you want to repeat the Opening period every year and then click on the button **Add**.

To delete an Opening period, select it from the list and click on the button **Delete**.

To delete all Opening periods of the list, click on the button **Delete All**.

3.5 Daylight saving time screen

In the Daylight saving time screen there are the settings for the Daylight saving time.

Daylight saving time

Summer date: 30/06/2017
Winter date: 30/06/2017

Max. 20 years on MiniTech 10
Max. 31 years on MiniTech 50

Summer date: First Sunday of January
Winter date: First Sunday of January
Starting year: 2017

Buttons: Add, Delete, Delete all, Send DST, Import DST, Export DST, Set

Summer date	Winter date
-------------	-------------

By default the system will use the parameters for the Italian Daylight saving time (from the last Sunday of March to the last Sunday of October).

If these parameters are not correct for your country, you can enter new dates in the table.

Since these parameters can not be recursive, you must manually fill the table with the dates for the next 31 years (20 for MiniTech with firmware version lower than 1.13).

To facilitate the operation, you can import data from files that were previously exported.

4 Lock reset procedure

There are 2 different ways to reset the lock of a MiniTech:

- 1) Using a reset Dallas key.
- 2) With direct connection by means of the N42170/M magnetic Dallas key connection cable or the T42146/J molex/jack connection cable.

N.B. This mode is available only for MiniTech with firmware 1.13 onwards.

4.1 Lock reset with Dallas key

- 1) Create a Reset Dallas key.

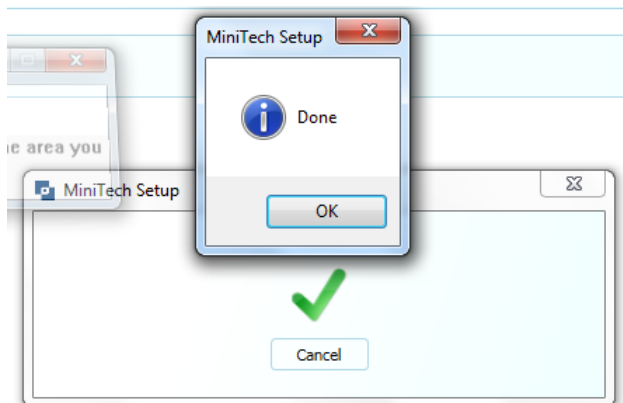
In order to do that, you have to place a N1996 or N1996RM Dallas key on the Dallas key reader (USB interface N42180/T + Dallas key reader with molex connector N42170/D) connected to the computer, as shown in the picture below.



After this, click on the **Write reset key** button.



A message will inform you when the creation of the reset key is completed.



- 2) Connect the reset box (L4002/RB) to the secondary connector (BAT) of the lock you want to reset, leaving the other connector connected to the keypad.



- 3) Press and hold the button no. 2 on the MiniTech keypad.
The LCD display of the keypad will show the message **SYSTEM SETUP...**
- 4) Place the Reset key on the Dallas key reader either the inbuilt reader (left picture) or the external one (right picture) if your keypad has not the Dallas key reader.



If the MiniTech was previously programmed to have a reset security code, the LCD display of the keypad will show the message **RESET CODE**, then you have to enter the reset code. If you enter a wrong reset code, a message will inform you that the reset code is wrong and the operation will be aborted.

If you enter the right reset code, the lock will start to execute the reset.

- 5) The LCD display of the keypad will show the message **SYSTEM RESET**.
The lock is reset and it is now in pre-setup mode. In pre-setup mode, you can open the lock simply pressing the button no. 1 on the keypad.

4.2 Lock reset with direct connection

- 1) Connect the reset box (L4002/RB) to the secondary connector (BAT) of the lock you want to reset, leaving the other connector connected to the keypad.



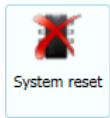
- 2) Connect the N42170/M magnetic Dallas key connection cable to the Dallas key reader or the T42146/J moxex/jack connection cable as shown in the picture below.



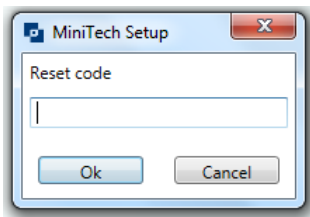
- 3) Activate the PC link on the MiniTech.
In order to activate the PC link, push and hold the button no. 7.
The LCD display of the keypad will show the message **LOCK AUDIT** and you will be requested to enter the manager code. Enter the manager code.
The LCD display of the keypad will show the message **ENTER DALLAS...**
Click twice the button →

The LCD display of the keypad will show the message **PC LINK.....**
Now the PC link is activated.

- 4) Click on the **System reset** button.



- 5) If the MiniTech was previously programmed to have a reset security code, a new window will ask you to enter the reset code.



If you enter a wrong reset code, a message will inform you that the reset code is wrong and the operation will be aborted.

If you enter the right reset code, the lock will start to execute the reset.

- 6) A message will inform you when the reset is concluded.



The lock is reset and it is now in pre-setup mode. In pre-setup mode, you can open the lock simply pressing the button no. 1 of the keypad.

5 Lock programming procedure

Programming the MiniTech, as for the reset, can be performed in two different ways:

- 1) Using a reset Dallas key.
- 2) With direct connection by means of the N42170/M magnetic Dallas key connection cable or the T42146/J molex/jack connection cable.

N.B. This mode is available only for MiniTech with firmware 1.13 onwards.

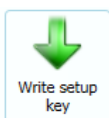
5.1 Lock programming with Dallas key

- 1) Create a Setup Dallas key.

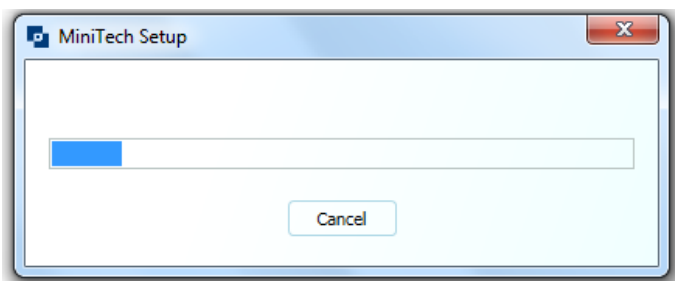
In order to do that, you have to place a N1996 or N1996RM Dallas key on the Dallas key reader (USB interface N42180/T + Dallas key reader with molex connector N42170/D) connected to the computer, as shown in the picture below.



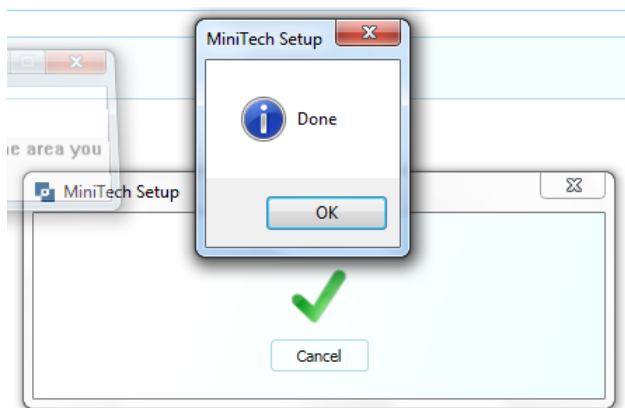
After this, click on the **Write setup key** button.



A message window showing the progress of the programming will appear on the screen.



Then a new message will inform you when the programming is concluded.



- 2) Press and hold the button no. 2 in the MiniTech keypad.
The LCD display of the keypad will show the message **SYSTEM SETUP...**
- 3) Place the Setup key on the Dallas key reader either the inbuilt reader (left picture) or the external one (right picture) if your keypad has not the Dallas key reader.
If you are using the inbuilt reader, it is important that the Dallas key is firmly in contact with the reader for the entire duration of the upload. Otherwise, an error will occur and the programming will be aborted.



- 4) The LCD display of the keypad will show the current time and date.
Click the button → to enter a new time and date or click ✓ to confirm the time and date proposed.



- 5) On the LCD display will be shown the percentage of uploading and then when finished it will be shown the message **OPERATION DONE**.
After it will be shown for a few seconds the firmware date and version.
The MiniTech is programmed.

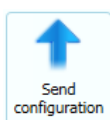
5.2 Lock programming with direct connection

- 1) Connect the N42170/M magnetic Dallas key connection cable to the Dallas key reader or the T42146/J mox/jack connection cable as shown in the picture below.



- 2) Activate the PC link on the MiniTech.
In order to activate the PC link, push and hold the button no. 7.
The LCD display of the keypad will show the message **ENTER DALLAS...**
Click twice the button →
The LCD display of the keypad will show the message **PC LINK.....**
Now the PC link is activated.

- 3) Click on the **Send configuration** button.



A message will inform you when the programming is concluded.



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

**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.



Certified ISO 9001 : 2008

TECNOSICUREZZA S.r.l.

Via Cesare Battisti, 276 – 37057 S. Giovanni Lupatoto (VR) – Italy
Tel. +39 045 826 64 70 - Fax +39 045 826 64 69
mail: info@tecnosicurezza.it - web: www.tecnosicurezza.it

TECNOSICUREZZA Sa

C/Menor, 4 – Nave 10, Pol. Ind La Mina
28770 Colmenar Viejo
Tel. +34 91 804 33 91 – Fax +34 91 804 32 63
mail: info@tecnosicurezza.es - web: www.tecnosicurezza.es

TECNOSICUREZZA Inc.

50, Thomas Lane – Versailles, KY 40383 – USA
Tel. +1 859 490 89 30
mail: info@usatecno.com - web: www.usatecno.com