TechMaster

User Instructions

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Important notes!

- Before installing this product, please carefully read the installation and operating instructions.

- Locks have been designed to correctly operate in a temperature range from -5°C (23°F) to + 50°C (122°F) and in an environment with non-condensing humidity between 25% and 90%.

- The lock must not be oiled/lubricated/greased.

- If installed in normal domestic or office environments, the locks do not require maintenance; in any case, after 10,000 opening/locking cycles, it is recommended to conduct a test that verifies the correct and complete operation of the product.

- Use only DURACELL™ 9 Volt Alkaline batteries, or battery holders with DURACELL™ 1.5 Volt Alkaline batteries. Alternatively, it is possible to use a 12VDC - 1A power adapter (p.n. N1212) with relative power supply interface (p.n. T6006).

- A long beep together with the message "LOW BATTERY" on the display, indicate a low battery level which needs to be immediately replaced.

- It is strongly recommended to change the default codes before use and to keep safely the new codes.

- Never use codes that can be easily guessed such as 123456, birth dates or based on other personal information.

- After changing a code, perform several opening/closing tests before closing the door.

Should the lock label be removed, warranty is void.

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General information

Using your keypad

- Press any button to power up the keypad. LCD which displays:

  If more locks are installed, LCD displays:
  Enter the lock number to select it.

| ENTER CODE |
| X X – X X X X X X |

| SELECT LOCK |

- To enter a code, power up the LCD and enter the corresponding digits.

- LCD automatically switches OFF if no buttons are pressed within 30s.

- To scroll the menu, press ➡.

- To confirm an operation or enter a menu press **OK**.

- To leave a menu and come back to the main menu, scroll the functions until "EXIT?" and press OK.

- To enter a code plus Dallas key (if programmed), enter the code digits and insert the Dallas key in the keypad reader.

- To enter a user provided with Dallas key only (if programmed), insert the Dallas key in the keypad reader. LCD displays:

| DALLAS USER |
| XX |

- To start a time delay counting (if programmed), enter a code. LCD displays:

| TIME DELAY |
| 00:59 |

- To stop a time delay counting (if programmed), press ➡ and then confirm with **OK**

| STOP DELAY |
| COUNTING? |

  After time delay counting, LCD displays open window counting: Press **OK** and enter a code for opening.

| OPEN WINDOW |
| 00:01 |

- If a wrong code is entered, LCD displays the message:

| WRONG CODE |

- If a wrong dynamic/activation code is entered, LCD displays the message:

| WRONG DYNAMIC |
| CODE |

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- If a dynamic/activation code is entered more than 30 minutes before its beginning validity time, LCD displays:

> WRONG DYNAMIC
> CODE

- If a dynamic/activation code is entered more than 30 minutes later than its beginning validity time, LCD displays:

> WRONG DYNAMIC
> CODE

- To open or access the menu in dual mode (if programmed), enter the first code. LCD displays:
  Then, enter the second code.

> ENTER 2° CODE
> X X – X X X X X X

Using your Keypad in Scramble mode (required for class C)

Scramble mode is an additional security which allows to enter a code without using always the same keys. User ID instead can still be entered as well as the Configuration menu code
To enter an opening code or a menu code in scramble mode, follow the steps below:

Enter the user ID. LCD displays:

> ENTER CODE
> [5] x x x x x x x

Enter the user code by pressing key **1** or **6**, respectively to increase or decrease by 1 the digit selected ([X]). Press **OK** to confirm and to switch to the next digit. All digits already entered are indicated by capital symbol.

> ENTER CODE
> X X X X X [8] x x

After entering the last digit, press **OK** to confirm the code.

Press ➡ to come back to the previous digit. When the first digit is selected, press ➡ again to enter again the user ID.

Shortcuts

Press and hold for 2 seconds the button related to the needed function:

0 = Change Manager code (01), users, override users, Master and Manager ovr (if configured)

1 = PIN entering for dynamic codes (after dynamic codes activation)

5 = Test mode

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8 = System info and time and date info

➡ = Exit and back to the main menu

OK = Master menu

User properties and default codes

Users can be programmed for opening with code only, code + Dallas key or with Dallas key only. It is also possible to set a dual mode opening: in this case, entering the two users codes is required to open the lock.

Default codes are:

Master: 1-2-3-4-5-6-7-8.
Manager: 123456.
Users from 02 to 90: 02-020202, 03-030303, and so on. They always open with time delay if programmed.

Override users: through to the setup software, it is possible to configure users in between 10 and 90 (10-101010, 11-111111, and so on) as override users. They always open without time delay.

For class C, all users codes, including Master and Manager, are 8-digits type.
Users from 02 to 90 and Override users have a default code such as 02-02020202, 03-03030303, and so on.
The table below reports the functions for the main users.

Master	Manager
Access to Master Menu	Access to Manager Menu
Set time and date	Standard users management
Set Time Lock periods	Override users management
Audit download	Set time delay
Manager Management	Set variable time delay
Enable/disable OTCs	PC Link
Change code	Audit download
PC Link	Opening
	Code changing
	Set opening extension
	Set immediate time lock

Override manager	Configuration menu
Access to Ovr. Manager menu	Install/remove locks
Override users management	Set display contrast
Code changing	Change language
	Test mode
	Check system Information

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Override users	**Standard users**
Opening	Opening
Change code	Set opening extension, if enabled
	Set immediate time lock, if enabled
	Code changing

This user manual describes the standard programming. According to such programming and unless different requests made while ordering the product, an opening can be performed by entering single users codes (no dual mode) and without time delay. Thus, the user manual must be adapted according the configuration selected.

It is strongly recommended to change the default codes before using the lock.

Overview functions

Lock opening
After entering an opening code, it is possible to open the lock within 3 seconds. It's no necessary instead with motorized locks: in this case indeed, the motor moves the bolt which remains in opening position for about 8 seconds before returning in closing position. In the manual closing version instead, the bolt can be closed by pressing ➡ key for few seconds.

Penalty
Four consecutive wrong codes initiate a four-minutes penalty time. During this period, LCD displays the message "PENALTY" and no operation is allowed.
For class C, the minimum penalty time is of 5 minutes.

Time Delay
Programmable time delay in between 0 and 99 minutes. Programmable opening window in between 1 and 19 minutes.

Dallas keys
It can be programmed for any lock. Available as option for Manager and users (not for Master). TechMaster keypad only works with Dallas keys created by TECNOSICUREZZA. Upon express request, the keypad can be set in order to work also with different Dallas key models.

Power supply
Lock can be powered with:
- an ALKALINE 9V battery located in the battery compartment below the keypad;
- an internal battery box provided by Tecnosicurezza (6 ALKALINE 1.5 batteries);
- A power adapter (ref. N1212) with power supply interface (ref. T6005/W or T6005) both provided by Tecnosicurezza.

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Low battery warning

A long beep together with the message "LOW BATTERY" on the display, indicates a low battery level which should be immediately replaced.

Silent alarm

With this function enabled, enter an opening code increasing or decreasing by one number the last code digit (ex. 03-030304 or 03-030302 instead of 03-030303): the lock opens and simultaneously the output of the alarm interface or I/O interface is activated.

Tamper alarm (required for class C)

This function provides a blocking of the system and displays a warning message "ANTI_TAMPER ALARM" whenever the keypad is removed from the door, or the battery compartment get opened. Insert a valid code to unblock the keypad and restore the normal functioning.

Audit

The lock saves the last 6000 operations with time, date, user and operations description. The keypad can save the last 250 operations. It is possible to download the events for locks and keypad by using the Tecnosicurezza DMT Audit software. For further information refer to the IU_DMT_Audit_XX.

IMPORTANT
Some options/characteristics reported in this user manual, can only be used if previously programmed through the setup software. Therefore, please refer to the user manual IU_TechMaster_setup_XX. Please contact Tecnosicurezza for further information.

Opening the locks

Users (or Override users): opening without time delay

Power up the keypad. Enter an opening code and insert the Dallas key, if programmed. LCD displays:

> OPEN

Open the lock within 3 seconds.

Users: opening with time delay

Power up the keypad. Enter an opening code and insert the Dallas key, if programmed.
LCD displays the time delay counting:

> TIME DELAY
> 00:59

At time elapsed, the LCD displays the open window counting time.

> OPEN WINDOW
> 00:01

Press **OK**, LCD displays:

> ENTER CODE
> X X – X X X X X X

Enter an opening code and insert the Dallas key, if programmed. LCD displays:

> OPEN

Open the lock within 3 seconds.

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Manager (or Override Manager): opening without time delay

Power up the keypad. Press ➡ for opening with Manager code or press it two times for opening with Manager Ovr code. LCD displays:

MANAGER CODE
X X X X X X

Enter Manager code and insert the Dallas key, if programmed (or enter Manager Ovr code and insert the Dallas key, if programmed). LCD displays:

OPEN

Open the lock within 3 seconds.

Manager (or Override Manager): opening with time delay

Power up the keypad. Press ➡ for opening with Manager code or press it two times for opening with Manager Ovr Code. LCD displays:

MANAGER CODE
X X X X X X

Enter Manager code and insert the Dallas key, if programmed (or enter Manager Ovr Code and insert the Dallas key, if programmed). LCD displays the time delay counting:

TIME DELAY
00:59

Once the time delay has elapsed, the LCD displays the open window counting time.

OPEN WINDOW
00:01

Press **OK**, LCD displays:

ENTER CODE
X X – X X X X

Press ➡ for opening with Manager code or press it two times for opening with Manager Ovr code. LCD displays:

MANAGER
X X X X X X

Enter Manager code/Manager Ovr code and insert the Dallas key, if programmed. LCD displays:

OPEN

Open the lock within 3 seconds.

Opening with dynamic codes (Dallas key option)

Power up the keypad. Insert the Dallas dynamic key in the Dallas reader. LCD displays:

DYNAMIC CODE
X X X   X X X   X X X

Enter the dynamic code and press **OK**. LCD displays:

OPEN

Open the lock within 3 seconds.

If programmed by the software Dyama or DyamaWeb for dynamic codes creation, LCD displays the closing code when the bolt re-closes. Please refer to the user manuals IU_Dyama_XX or IU_DyamaWeb_XX for further information.

CLOSING CODE
179

WARNING: dynamic codes must be used respecting the **sequence of activation time** in which they have been created by the software (Dyama or DyamaWeb), otherwise the last created code deletes all the previous ones (i.e. if three codes are created and the third one is used before using the first two ones, those first two codes are deleted). In this case indeed LCD displays:

DYNAMIC CODE
DELETED

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Opening with dynamic codes (PIN option)

Power up the keypad. Press and hold 1️⃣ to enter the dynamic user PIN (optional). LCD displays:

DYNAMIC USER
X X X X

Enter the dynamic user PIN. LCD displays:

DYNAMIC CODE
X X X X X X X X X

Enter the dynamic code and press **OK**. LCD displays:

OPEN

Open the lock within 3 seconds.

If programmed by the software Dyama or DyamaWeb for dynamic codes creation, LCD displays the closing code when the bolt re-closes. Please refer to the user manuals IU_Dyama_XX or IU_DyamaWeb_XX for further information.

CLOSING CODE
179

WARNING: dynamic codes must be used within the **activation time** created by the software (Dyama or DyamaWeb), otherwise the last created code deletes all the previous ones (i.e. if three codes are created and the third one is used before using the first two ones, those first two codes are deleted). In this case indeed LCD displays:

DYNAMIC CODE
DELETED

Dual mode opening without time delay

Power up the keypad. Enter an opening code and insert the Dallas key, if programmed. LCD displays:

2° USER CODE
X X – X X X X X X

Enter the second opening code and insert the Dallas key, if programmed.
LCD displays:

OPEN

Open the lock within 3 seconds.

Dual mode opening with time delay

Power up the keypad. Enter an opening code and insert the Dallas key, if programmed.
LCD displays the time delay counting:

TIME DELAY
00:59

When the time delay has elapsed, the LCD displays the open window counting time.

OPEN WINDOW
00:01

Press **OK**, LCD displays:

ENTER CODE
X X – X X X X X X

Enter an opening code and insert the Dallas key, if programmed. LCD displays:

2° USER CODE
X X – X X X X X X

Enter the second opening code and insert the Dallas key, if programmed.
LCD displays:

OPEN

Open the lock within 3 seconds.

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Master menu

Power up the keypad. Press and hold **OK**. LCD displays:

MASTER MENU
X X X X X X X X

Enter Master code (default value 1-2-3-4-5-6-7-8).

Time & date settings

Enter the Master menu. Press ➡ until LCD displays:

TIME AND me
SETTINGS

Press **OK**. LCD displays the current time and date.

08:00   FRI
27/01/2006

Press **OK** to change time and date.

hh:mm   _ _ _
GG / MM / YYYY

Enter the new time and date values and press **OK** to confirm.

Time and Date recovery through DyamaWeb (OTC software)

This option can only be performed after activating the dynamic codes and the deletion of all static codes (including the Master code). For further information, see the paragraph **Dynamic codes activation with static codes deleting,** pg. 18. This option allows for the updating of the time and date values by using the keypad along with the DyamaWeb software. (for further information, see user manual IU_DyamaWeb_XX or IU_DyamaWebLite_XX).

Power up the keypad and press and hold **8** until the keypad firmware version is displayed.

Press ➡ until the LCD displays the current time and date.

08:00   FRI
01/27/2006

Press and hold **0**. LCD displays:

TIME/DATE ERROR
MODE ACTIVATED!

Insert the blue Dallas key N1971 in the reader. LCD displays:

TIME/DATE ERROR
XXXX XXXX

Enter the 8-digits code displayed on the LCD into DyamaWeb software, to generate the dynamic code to access the Time & Date menu, to update time and date values.

Press **OK**. LCD displays:

DYNAMIC CODE
X X X   X X X   X X X

Enter the dynamic code generated by DyamaWeb software: LCD displays the current values for time and date.

Press **OK** to enter the new time and date values and press **OK** to confirm.

DST Settings

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WARNING: it is recommended to enter this menu always with the door open.

Power up the keypad. Enter the Master menu. Press ➡ until LCD displays:

AUTOMATIC DST

Press OK one time and then press ➡ to select between *ON* and *OFF*. Press OK again to confirm.

If the static codes have been deleted, automatic DST can be enabled by using the dynamic user DST.

Time Lock settings

WARNING:
It is recommended to enter this menu always with the door open;
Master menu, allows to add/delete the settings for time lock/closing periods/opening periods, only if current time and date values are included in an opening period.

Power up the keypad. Enter the Master menu. Press ➡ until LCD displays:

TIME LOCK SETTING

Weekly time lock settings – Adding new values

Enter Time Lock menu and press OK. LCD displays:

WEEKLY TIME LOCK T1 SETTING

Press ➡ once or two times to set a weekly time lock T2 or T3. Then, press OK.

Press OK. LCD displays:

ADD NEW VALUES

Press OK. LCD displays the current day of the week.

🔓 hh:mm   FRI
🔒 hh:mm

The first entry is an opening time while the second entry is a closing time. Enter the new values.

Press OK to confirm. LCD displays the next day of the week, proposing the same time values. Press OK to confirm or ➡ to select another day without entering new time values or else enter the new time values as previously illustrated.

At the end of the week, LCD displays:

END OF LIST
EXIT AND SAVE? ✓

Press OK to save or ➡ for coming back to the first weekday.

All values entered can be saved only by pressing OK.

Inside the Time Lock menu, opening time intervals are indicated: it means the safe can be opened by entering a valid code, but only inside the time interval itself (ex. opening time

interval from 08.00 to 14.00 from Monday to Friday: the safe can be only opened from 08.00 to 14.00 and only in those days, it cannot be opened before 08.00 and after 14.00. Furthermore, safe cannot be opened on Saturdays and Sundays).
It is possible to schedule up to four times intervals per day (ex. Monday from 07.00 to 10.00, from 12.00 to 13.00, 15.00 to 16.00 and 18.00 to 19.00).

Weekly time lock settings – Verify or delete values

Enter Time Lock menu and press **OK**. LCD displays:

WEEKLY TIME LOCK T1 SETTING

Press **OK**. LCD displays:

ADD NEW VALUES

Press **➡**. LCD displays:

VERIFY OR DELETE VALUES

Press **OK**. LCD displays the values for the first day.

🔓 hh:mm   FRI 🔒 hh:mm

Press **➡** to scroll all the schedules list.

Press **OK** on a schedule. LCD displays:

DELETE VALUES? ✓

Press **OK** to confirm or **➡** to exit.

At the end of the list, press **OK**. LCD displays:

END OF LIST EXIT?

Closing periods (Holidays) – Add new values
Closing periods are time intervals in which is possible to close the lock even when a time lock is enabled.
It is possible to schedule up to 60 closing periods (they can be opening or closing periods). Each period has a maximum time length of 14 days.
WARNING: during closing periods, the safe cannot be opened.

Enter Time Lock menu and press **OK** until LCD displays:

WEEKLY TIME LOCK T1 SETTING

Press **➡**. LCD displays:

CLOSING PERIODS SETTING

Press **OK**. LCD displays:

ADD NEW VALUES

Press **OK**. LCD displays:

🔒 GG/MM/AA hh:mm 🔓 GG/MM/AA hh:mm

The first entry is a closing time while second entry is an opening time.

Enter the time of start and the ending time for the closing period, then press **OK** to confirm.

Should the year be programmed, the closing period is not repeated.

Should not the year be programmed (press **OK**), the closing period is yearly repeated instead.

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Press ➡ to delete all values entered.
Repeat the steps above for each closing period.

Closing periods (OFF days) – Verify or delete values

Enter Time Lock menu and press **OK**. LCD displays:

WEEKLY TIME LOCK T1 SETTING

Press ➡ until the LCD displays:

CLOSING PERIODS SETTINGS

Press **OK**. LCD displays:

ADD NEW VALUES

Press ➡. LCD displays:

VERIFY OR DELETE VALUES

Press **OK** to check the first closing period scheduled.

🔒 GG/MM/AA hh:mm 🔑 GG/MM/AA hh:mm

Press ➡ to scroll all the scheduled closing periods.

Press **OK** to delete the scheduled closing periods.

DELETE VALUES? ✓

Press **OK** to confirm or ➡ to exit.

At the end of the list, press **OK**.

END OF LIST EXIT?

Opening periods - Add new values

Opening periods are time intervals in which is possible to open the lock even when a time lock is enabled.
It is possible to schedule up to 60 closing periods (they can be opening or closing periods).
Each period has a maximum time length of 14 days.

Enter Time Lock menu and press **OK**. LCD displays:

WEEKLY TIME LOCK T1 SETTING

Press ➡ until the LCD displays:

OPENING PERIODS SETTINGS

Press **OK**. LCD displays:

ADD NEW VALUES

Press **OK**. LCD displays:

🔑 GG/MM/AA hh:mm 🔒 GG/MM/AA hh:mm

The first entry is an opening time while the second entry is a closing time.

Enter a date and time for opening and closing, then press **OK** to confirm.

Should the year be programmed, the opening period is not repeated.

Should not the year be programmed (press **OK**), the opening period is yearly repeated instead.

Press ➡ to delete the values entered.

Opening periods - Verify or delete values

Enter Time Lock menu and press **OK**. LCD displays:

WEEKLY TIME LOCK T1 SETTING

Press ➡ until the LCD displays:

OPENING PERIODS SETTINGS

Press **OK**. LCD displays:

ADD NEW VALUES

Press ➡. LCD displays:

VERIFY OR DELETE VALUES

Press **OK**. LCD displays the first opening period.

🔒 GG/MM/AA hh:mm 🔓 GG/MM/AA hh:mm

Press ➡ to scroll all the scheduled opening periods.

Press ➡ to delete. LCD displays:

DELETE VALUES? ✓

Press **OK** to confirm or ➡ to exit.

At the end of the list, press **OK**.

END OF LIST EXIT?

PC connection

Use this function to enable the connection between the keypad and PC.

Power up the keypad. Enter the Master menu. Press ➡ until LCD displays:

PC LINK

Press **OK** to start the connection with PC.

PC LINK ...

Press ➡ to stop the connection with PC.

If the static codes have been deleted, PC connection can be enabled by using the dynamic user AUDIT.

Manager Management

Power up the keypad. Enter Master menu. Press ➡ until the LCD displays:

MANAGER MANAGEMENT

Press **OK**. LCD displays:

1 MANAGER ✓ 2 AMMINISTRAT. ✓

"✓" installed, "_" deleted, "X" disabled.

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Select Manager by entering its reference number and press **OK**.
If the Manager is not installed, LCD displays:

| 01 |
| INSTALL? |

Press **OK** to confirm. Then enter the new Manager code and confirm it. LCD displays:

| OPERATION DONE |

If the Manager is already installed, press **➡** for

disabling/deleting/installing it. Then press **OK** to confirm.

Dynamic codes – Enabling/Disabling

WARNING: it is recommended to always perform this operation with door open, to enable/disable the dynamic codes. Later, dynamic codes can be activated through the red Dallas key 1971 previously programmed with the software Dyama or DyamaWeb.

Power up the keypad. Enter Master menu. Press **➡** until the LCD displays:

| DYNAMIC CODES |

Press **OK**. LCD displays:

| DYNAMIC CODES |
| ENABLED/DISABLED |

Press **➡**. The LCD displays:

| DYNAMIC CODES |
| ENABLE/DISABLE? |

Press **OK** to confirm. LCD displays:

| OPERATION DONE |

Dynamic codes activation with static codes deleting

WARNING: with this operation, it is possible to delete the static codes for all users and Manager. Furthermore, depending on the configuration selected, Master static code may be deleted as well.

Insert the red Dallas key N1971 in the reader. LCD displays:

| DYNAMIC CODE |
| XXX |

Enter the activation code generated by the software Dyama or DyamaWeb and press **OK**. LCD displays:

| DELETE ALL THE |
| STATIC CODES? |

Press **OK**. LCD displays:

| OPERATION IN |
| PROGRESS… |

Once completed, LCD displays:

| DYNAMIC CODES |
| ACTIVE |

To re-install the static codes (only for Master and Manager) use the dynamic user REMOVAL. Later, it is possible to re-install all the other users from the menu *Users management.*

Manager menu

Power up the keypad.

Press **OK**, then press **➡**. LCD displays:

Users Management

Power up the keypad. Enter Manager menu and press **➡** until LCD displays:

USERS MANAGEMENT

Press **OK** and press **➡** to scroll users list or enter user ID.

02 03 04 05 06
✓   X   _   _   ✓

"✓" user installed, "_" user deleted, "X" user disabled.

Override users 50 ÷ 59 can only be installed when the lock is open.

Press **OK**. If the user is not installed LCD displays:

02
    INSTALL?

"⌷" Dallas key, "1_2" code, "+" dual mode, "TL" time lock

Press **OK** to confirm or **➡** to exit or for switching to the next user.

Enter the new user code and confirm it.

If the selected user is already installed, press **➡** to choose whether to disable it, to delete it or for leaving and selecting another user.
Press **OK** to confirm the choice.

Time delay

Power up the keypad. Enter Manager menu and press **➡** until LCD displays:

T. DELAY AND
O. WINDOW

Press **OK** to confirm. LCD displays the current values for time delay and open window.

TIME DELAY   00
OPEN WINDOW 01

Press **➡** to exit or **OK** to program new values.

TIME DELAY   mm
OPEN WINDOW mm

Enter the new values and press **OK** to confirm. LCD displays:

VALUES UPDATED

Time delay can be programmed between 0 and 99 minutes, the open window can be programmed between 1 and 19 minutes instead.

To program a shorter time delay, lock must be open.

Variable Time Delay

WARNING: lock must always be open to set a variable time delay

VARIABLE
TIME DELAY

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Power up the keypad. Enter Manager menu and press ➡ until LCD displays:

Variable Time Delay – Adding new values

Enter Variable Time Delay menu and press **OK**. LCD displays:

ADD NEW VALUES

Press **OK**. LCD displays the current day of the week.

✚ hh:mm   VEN
✚ hh:mm ⌛ :mm

Enter values for starting time and ending time in which Variable Time Delay must be active and then enter the values of Variable Time Delay.

Press **OK** to confirm. LCD displays the next day of the week, proposing the same time values. Press **OK** to confirm or ➡ to select another day without entering new time values or otherwise enter the new time values as previously illustrated.

At the end of the week, LCD displays:

END OF LIST
EXIT AND SAVE? ✓

Press **OK** to save the values or ➡ for coming back to the first weekday.

After saving the values, LCD displays:

Press **OK** to set new values (max. 4)

ADD NEW VALUES

Variable Time Delay – Verify or delete values

Enter Variable Time Delay menu and press ➡ until LCD displays:

VERIFY OR DELETE VALUES

Press **OK**. LCD displays the values for the first day.

✚ 08:00   DOM
✚ 10:00 ⌛ : 01

Press ➡ to scroll all the schedules list.

Press **OK** on a schedule. LCD displays:

DELETE VALUES?
✓

Press **OK** to confirm the deletion or ➡ to exit.

At the end of the list, press **OK**. LCD displays:

END OF LIST   EXIT
AND SAVE? ✓

PC connection

Use this function to enable the connection between the keypad and PC.

Power up the keypad. Enter the Manager menu. Press ➡ until LCD displays:

PC LINK

Press **OK** to start the connection with PC.

PC LINK
…

Press ➡ to stop the connection with PC.

If the static codes have been deleted, PC connection can be enabled by using the dynamic user AUDIT.

Override Manager menu

Power up the keypad.

Press **OK**, then press ➡ until LCD displays:

Enter OVR Manager code (default code 6-5-4-3-2-1).

OVR MANAGER MENU
X X X X X X

Override Users management

WARNING: to install new override users, lock must be open.

Power up the keypad. Enter Override Manager menu and press ➡ until LCD displays:

OVR USERS
MANAGEMENT

Press **OK** and press ➡ to scroll users list or enter user ID.

50	51	52	53	54
✓	x	_	_	✓

"✓" user installed, "_" user deleted, "X" user disabled.

Press **OK**. If the user is not installed LCD displays:

52
INSTALL?

"⌷" Dallas key, "$1\,2$" code, "+" dual mode, "TL" time lock

Press **OK** to confirm or ➡ to exit or for switching to the next user.

Enter the new user code and confirm it.

If the selected user is already installed, press ➡ to choose whether to disable it, to delete it, selecting another user or exit. Press **OK** to confirm the choice.

Code changing

WARNING: it is recommended to always perform this operation with door open.

Power up the keypad.

Press **OK**, then press ➡ until LCD displays:

CHANGE CODE

Change code for standard and override Users

Power up the keypad. Access Change Code menu and press **OK**. LCD displays:

CHANGE USER
CODE

Press **OK** to confirm. LCD displays:

ENTER OLD CODE
X X – X X X X X X

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Enter the **old code** e insert the Dallas key (if programmed).

Enter the **new code** e insert the Dallas key (if programmed).

ENTER NEW CODE
X X X X X X

Confirm the **new code** e insert the Dallas key (if programmed).

CONFIRM CODE
X X X X X X

Change code for Manager

Power up the keypad. Access Change Code menu and press **OK**. Then, press ➡ until LCD displays:

CHANGE MANAGER CODE

Press **OK** to confirm. LCD displays:

OLD CODE
X X X X X X

Enter the **old code** e insert the Dallas key (if programmed).

Enter the **new code** e insert the Dallas key (if programmed).

ENTER NEW CODE
X X X X X X

Confirm the **new code** e insert the Dallas key (if programmed).

CONFIRM CODE
X X X X X X

Change code for Override Manager

Power up the keypad. Access Change Code menu and press **OK**. Then, press ➡ until LCD displays:

CHANGE OVR MANAGER CODE

Press **OK** to confirm. LCD displays:

OLD CODE
X X X X X X

Enter the **old code** e insert the Dallas key (if programmed).

Enter the **new code** e insert the Dallas key (if programmed).

ENTER NEW CODE
X X X X X X

Confirm the **new code** e insert the Dallas key (if programmed).

CONFIRM CODE
X X X X X X

Change code for Master

Power up the keypad. Access Change Code menu and press **OK**. Then, press ➡ until LCD displays:

CHANGE MASTER CODE

Press **OK** to confirm. LCD displays:

OLD CODE
X X X X X X

Enter the **old code**.

Enter the **new code**.

ENTER NEW CODE
X X X X X X

Confirm the **new code**.

CONFIRM CODE
X X X X X X

Time menu

Power up the keypad.

Press **OK** and then press **➡** until LCD displays:

TIME MENU

Opening extension

WARNING: before using this function, at least one time lock must be programmed.

Power up the keypad. Access Time Menu and press **OK**. LCD displays:

MANAGER CODE X X – X X X X X X

Enter Manager code. LCD displays:

OPENING EXTENSION

Press **OK**. If a time lock is already programmed, LCD displays the next activation time for the time lock (automatically calculated adding 30 minutes to the last activation time):

OPEN LOCK UNTIL: 12/09   20:30

Press **OK** to confirm.

It is also possible to enter different values. Enter date and time (max. 2h) and press **OK** to confirm.

Immediate Time Lock

Power up the keypad and access Time Menu and press **OK**.
LCD displays:

MANAGER CODE X X – X X X X X X

Enter Manager code. LCD displays:

OPENING EXTENSION

Press **➡** until LCD displays:

IMMEDIATE TIME LOCK

Press **OK**. LCD displays the next activation time for the time lock:

BLOCK UNTIL: 14/09   08:00

Press **OK** to confirm.

It is also possible to enter different values. Enter date and time (max. 2 weeks) and press **OK** to confirm.

Configuration menu

Power up the keypad.

Press **OK** and then press **➡** until LCD displays:

CONFIGURATION X X X X X X

Enter configuration code (default code 50-50-50).

Install Locks

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Power up the keypad. Access Configuration Menu. LCD displays:

INSTALL LOCKS

Press **OK** and select the lock to install.

SELECT LOCK

If the lock selected is already installed, LCD displays:

LOCK ALREADY INSTALLED

If the lock selected is not connected with the keypad, LCD displays:

LOCK X DOES NOT ANSWER

If the lock selected is instead connected with the keypad (but not installed), LCD displays:

MASTER CODE X X X X X X X X

Enter Master code and then Manager code. LCD displays:

OPERATION DONE

Remove Locks

WARNING: it is recommended to perform this operation always with lock open and connected with the keypad.

Power up the keypad. Access Configuration Menu. LCD displays:

INSTALL LOCKS

Press ➡ until LCD displays:

REMOVE LOCKS

Press **OK** and select the lock to remove.

SELECT LOCK

If the lock selected is connected with the keypad, LCD displays:

REMOVE LOCK X?

Press **OK** to confirm. LCD displays:

MASTER CODE X X X X X X X X

Enter Master code, LCD displays:

OPERATION DONE

If the lock selected is not installed, LCD displays:

LOCK NOT INSTALLED

If the lock selected is not connected with the keypad, LCD displays:

LOCK X DOES NOT ANSWER

Later, LCD displays:

CONTINUE?

Press **OK** to confirm. LCD displays:

OPERATION DONE

Lock reclosure mode

WARNING: this option is only available for motorized locks. To enable it, lock must be open.

Power up the keypad. Access Configuration Menu. LCD displays:

INSTALL LOCKS

Press ➡ until the LCD displays:

| LOCK RECLOSURE MODE |

Press OK. LCD displays:

| MODE: AUTOMATIC |

Press ➡ to select between *AUTOMATIC* and *MANUAL* mode.

Press OK to confirm.

With *MANUAL*, lock can be closed by pressing and holding ➡ for 2 seconds.
With *AUTOMATIC* instead, lock automatically re-closes after the time set with Setup software.

Install I/O interface

WARNING: I/O interface must be in pre-setup mode before the installation. For further information regarding the I/O interface reset see the user manual II_T9355_IP_XX_eng. Furthermore, the lock with ID: 1 must be open.

Power up the keypad. Access Configuration Menu. LCD displays:

| INSTALL LOCKS |

Press ➡ until the LCD displays:

| INSTALL I/O INTERF. |

Press OK. LCD displays:

| MASTER CODE X X X X X X X X |

Enter Master code. LCD displays:

| OPERATION DONE |

Configure I/O Interface

Power up the keypad. Access Configuration Menu. LCD displays:

| INSTALL LOCKS |

Press ➡ until the LCD displays:

| CONFIGURE I/O INTERFACE |

Press OK. LCD displays:

| RS485 ID 01 |

Press OK to confirm. LCD displays:

| MASTER CODE X X X X X X X X |

Enter Master code. LCD displays:

| RS485 ID XX |

Enter an ID RS485 and press OK to confirm. LCD displays:

| OPERATION DONE |

Remove I/O Interface

Power up the keypad. Access Configuration Menu. LCD displays:

| INSTALL LOCKS |

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Press ➡ until the LCD displays:

REMOVEE I/O INTERFACE

Press **OK** to confirm. LCD displays:

MASTER CODE X X X X X X X

Enter Master code. LCD displays:

OPERATION DONE

If Dynamic codes have been activated, along with the deletion of all static codes (including the Master code), it is possible to directly access the menus I/O interface configuration and I/O interface removal by entering a dynamic code for the user I/O CONFIGURATION USER.
For further information, see the paragraph **Dynamic codes activation with static codes deleting,** page 18.

Display contrast

Power up the keypad. Access Configuration Menu. LCD displays:

INSTALL LOCKS

Press ➡ until the LCD displays:

DISPLAY CONTRAST

Press **OK**. LCD displays:

ADJUST CONTRAST X

Enter a contrast level (between 1 and 9) and press **OK** to confirm. LCD displays:

OPERATION DONE

If Dynamic codes have been activated, along with the deletion of all static codes (including the Master code), it is possible to access the Display contrast menu by pressing and holding **1**.
For further information, see the paragraph **Dynamic codes activation with static codes deleting,** page 18.

Temporary restoring of the display contrast

This option can only be accessed after activating the dynamic codes without deletion of the static codes.

Power up the LCD. Press and hold **8** until the LCD displays the keypad firmware version.

Keep pressed **3** for 3s: LCD contrast level is automatically set to "3" regardless the last contrast value set and it remains at "3" until the LCD is kept ON.

Keypad Language

Power up the keypad. Access Configuration Menu. LCD displays:

INSTALL LOCKS

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Press ➡ until the LCD displays:

| LANGUAGE |

Press **OK**. LCD displays the current language set up:

| LANGUAGE ENGLISH |

Press ➡ to change the language and press **OK** to confirm.

Membrane test

Power up the keypad. Access Configuration Menu. LCD displays:

| INSTALL LOCKS |

Press ➡ until the LCD displays:

| MEMBRANE TEST |

Press **OK**. LCD displays:

| MEMBRANE TEST 1234567890 ➡ ✔ |

Press ➡ to change the language and press **OK** to confirm.

Enter the sequence of buttons shown on the LCD.

Any working button produces a short beep.
A damaged button produces a long beep and LCD displays:

| WRONG/FAULTY KEY |

Press ➡ to change the language and press **OK** to confirm.

Two short beeps are produced if the test is completed successfully.
LCD displays:

| OPERATION DONE |

System Info

Power up the keypad. Access Configuration Menu. LCD displays:

| INSTALL LOCKS |

Press ➡ until the LCD displays:

| SYSTEM INFO |

Press **OK**. LCD displays keypad system information. Press **1** to see lock system info.

Press ➡ to see the current time and date.

Dynamic keypad ID and DyamaWeb software license

These options can only be used after activating the dynamic codes. For further information see the paragraph **Dynamic codes activation with static codes deleting,** page 18. If dynamic codes have been activated, along with the deletion of all the static codes (including the Master code):

Power up the LCD. Press and hold **8** until LCD displays the keypad firmware version.

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Press ➡ once: LCD displays the ID of the keypad in which dynamic codes have been activated.

<div style="border:1px solid gray;">

OTC ID
XXXXXXXX

</div>

Press ➡ a second time: LCD displays the license number of DyamaWeb software version that manages the dynamic codes of the keypad and related locks.

<div style="border:1px solid gray;">

DYAMAWEB
XXXXXX

</div>

Press **OK** to exit.

If Dynamic codes have been activated without deletion of the static codes, it is possible to retrieve the information by accessing the Configuration menu, selecting System info option and pressing ➡.

Press **OK** to exit.

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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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