

# TechMaster

## User 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 an 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.

# TechMaster

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### Important notes!

- Before installing this product, please read carefully the installation and operating instructions.
- Locks have been designed to correctly operate in a temperature range from -5°C to + 50°C 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 run 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. T6005/W or p.n. T6005).
- A long beep together with the message “LOW BATTERY” on the display, indicate a low battery level which need immediate replacing.
- It is strongly recommended to change the default codes before the usage and to keep safely the new codes.
- Do never use codes easy to be guessed such as 123456, birth dates or others, based on own personal information.
- After changing a code, perform several opening/closing tests before closing the door.

**Should the lock label be removed, warranty is void.**

## General information

### Using your keypad

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


ENTER CODE  
X X – X X X X X X

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

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 .

- 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 set), enter the code digits and insert the Dallas key in the keypad reader.

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


DALLAS USER  
XX

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

TIME DELAY  
00:59

- To stop a time delay counting, press  and then confirm with .

STOP DELAY  
COUNTING?

After time delay counting, LCD shows open window counting:  
Press  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 shows:
- If a dynamic/activation code is entered more than 30 minutes later than its beginning validity time, LCD shows:
- To open or access the menu in dual mode (if set), enter the first code. LCD shows:  
Then, enter the second code.

WRONG DYNAMIC  
CODE

WRONG DYNAMIC  
CODE

ENTER 2° CODE  
X X – X X X X X X

## 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
- 6** = access to Manager menu, Manager ovr menu (if configured) Change code menu, Time menu, Configuration menu and Master menu.
- 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 set 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 set.

Override users: thanks 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.

The table below reports the main users functions.

**Master**

Access to Master Menu  
Set time and date  
Set Time Lock periods  
Audit download  
Manager Management  
Enable/disable OTCs  
Change code  
PC Link

**Override manager**

Access to Ovr. Manager menu  
Override users management  
Code changing

**Override users**

Opening  
Change code

**Manager**

Access to Manager Menu  
Standard users management  
Override users management  
Set time delay  
Set variable time delay  
PC Link  
Audit download  
Opening  
Code changing  
Set opening extension  
Set immediate time lock

**Configuration menu**

Install/remove locks  
Set display contrast  
Change language  
Test mode  
Check system Informations

**Standard users**

Opening  
Set opening extension, if enabled  
Set immediate time lock, if enabled  
Code changing

This user manual describes the standard programming. According such programming and unless different requests 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.



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### 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 shows the message "PENALTY" and no operation is allowed.

#### 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 keys 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.

#### Low battery warning

A long beep together with the message "LOW BATTERY" on the display, indicate a low battery level which need immediate replacing.

#### Silent Alarm

It can be programmed on each lock.

#### Audit

The lock is able to save the last 6000 operations with time, date, user and operations description. The keypad can save the last 250 operations. It's 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 enabled through the setup software. Thus, 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 set-up. LCD shows:

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 set-up.

LCD shows the time delay counting:

TIME DELAY  
00:59

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

OPEN WINDOW  
00:01

Press , LCD shows:

ENTER CODE  
X X - X X X X X X

Enter an opening code and insert the Dallas key, if set-up. LCD shows:

OPEN

Open the lock within 3 seconds.

### 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 shows:

MANAGER CODE  
X X X X X X

Enter Manager code and insert the Dallas key, if set-up (or enter Manager Ovr code and insert the Dallas key, if set-up). LCD shows:

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 shows:

MANAGER CODE  
X X X X X X

Enter Manager code and insert the Dallas key, if set-up (or enter Manager Ovr Code and insert the Dallas key, if set-up). LCD shows the time delay counting:

TIME DELAY  
00:59


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

OPEN WINDOW  
00:01

Press , LCD shows:

ENTER CODE

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

Enter Manager code/Manager Ovr code and insert the Dallas key, if set-up. LCD shows:

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 shows:


Enter the dynamic code and press . LCD shows:

Open the lock within 3 seconds.


If set by the software Dyama or DyamaWeb for dynamic codes creation, LCD shows the closing code when the bolt re-closes. Please refer to the user manuals IU\_Dyama\_XX or IU\_DyamaWeb\_XX for further information.

**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 shows:

### Opening with dynamic codes (PIN option)

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

Enter the dynamic user PIN. LCD shows:

Enter the dynamic code and press . LCD shows:

Open the lock within 3 seconds.

If set by the software Dyama or DyamaWeb for dynamic codes creation, LCD shows the closing code when the bolt re-closes. Please refer to the user manuals IU\_Dyama\_XX or IU\_DyamaWeb\_XX for further information.

**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

XX - XXXXXX

MANAGER  
XXXXXX

OPEN

DYNAMIC CODE  
XXX XXX XXX

OPEN

CLOSING CODE  
179

DYNAMIC CODE  
DELETED

DYNAMIC USER  
XXXX

DYNAMIC CODE  
XXX XXX XXX

OPEN

CLOSING CODE  
179

DYNAMIC CODE  
DELETED

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deleted). In this case indeed LCD shows:

### Dual mode opening without time delay

Power up the keypad. Enter an opening code and insert the Dallas key, if set-up. LCD shows:

2° USER CODE  
X X - X X X X X X

Enter the second opening code and insert the Dallas key, if set-up. LCD shows:

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 set-up. LCD shows the time delay counting:

TIME DELAY  
00:59

LCD shows the time delay counting:

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

OPEN WINDOW  
00:01

Press , LCD shows:

ENTER CODE  
X X - X X X X X X

Enter an opening code and insert the Dallas key, if set-up. LCD shows:


2° USER CODE  
X X - X X X X X X

Enter the second opening code and insert the Dallas key, if set-up. LCD shows:

OPEN

Open the lock within 3 seconds.

## Master menu

Power up the keypad. Press and hold . LCD shows:


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 shows:


TIME AND DATE  
SETTINGS

Press . LCD shows the current time and date.

08:00 FRI  
27/01/2006

Press  to change time and date.


hh:mm -- --  
GG / MM / YYYY

Enter the new time and date values and press  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 shows:

AUTOMATIC DST


Press  one time and then press  to select between *ON* and *OFF*. Press  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 shows:

TIME LOCK  
SETTING

#### Weekly time lock settings – Adding new values


Enter Time Lock menu and press . LCD shows:



WEEKLY TIME LOCK  
T1 SETTING

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




Press . LCD shows:

ADD NEW VALUES


Press . LCD shows the current day of the week.

 hh:mm FRI  
 hh:mm


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

Press  to confirm. LCD shows the next day of the week, proposing the same time values. Press  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 shows:

END OF LIST  
EXIT AND SAVE? 

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


All values entered can be saved only by pressing .

Inside 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. Moreover, safe cannot be opened on Saturdays and Sundays).


It is possible to schedule up to 4 time 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 . LCD shows:

Press . LCD shows:


Press . LCD shows:

Press . LCD shows the values for the first day.

Press  to scroll all the schedules list.

Press  on a schedule. LCD shows:



Press  to confirm or  to exit.

At the end of the list, press . LCD shows:

WEEKLY TIME LOCK  
T1 SETTING

ADD NEW VALUES

VERIFY OR DELETE  
VALUES

 hh:mm FRI  
 hh:mm

DELETE VALUES?  
✓

END OF LIST  
EXIT?


### Closing periods (OFF days) – 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 one of them has a maximum time length of 14 days.

WARNING: during closing periods, the safe cannot be opened.

Enter Time Lock menu and press  until LCD shows:

Press . LCD shows:

Press . LCD shows:


Press . LCD shows:

The first one is an closing time while second one is an opening time.

Enter the time of start and the ending time for the closing period,

then press  to confirm.



*Should the year be set*, the closing period is not repeated.

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


WEEKLY TIME LOCK  
T1 SETTING

CLOSING PERIODS  
SETTING


ADD NEW VALUES


 GG/MM/AA hh:mm  
 GG/MM/AA hh:mm

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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 . LCD shows:


Press  until the LCD shows:

Press . LCD shows:


Press . LCD shows:

Press  to check the first closing period scheduled.

Press  to scroll all the scheduled closing periods.

Press  to delete the scheduled closing periods.

Press  to confirm or  to exit.

At the end of the list, press .

WEEKLY TIME LOCK  
T1 SETTING

CLOSING PERIODS  
SETTINGS

ADD NEW VALUES

VERIFY OR DELETE  
VALUES

🔒 GG/MM/AA hh:mm  
🔓 GG/MM/AA hh:mm


DELETE VALUES?  
✓


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 one of them has a maximum time length of 14 days.


Enter Time Lock menu and press . LCD shows:

Press  until the LCD shows:


Press . LCD shows:


Press . LCD shows:

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

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

*Should the year be set*, the opening period is not repeated.

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

Press  to delete the values entered.


WEEKLY TIME LOCK  
T1 SETTING


OPENING PERIODS  
SETTINGS

ADD NEW VALUES

🔓 GG/MM/AA hh:mm  
🔒 GG/MM/AA hh:mm


### Opening periods - Verify or delete values


Enter Time Lock menu and press . LCD shows:

Press  until the LCD shows:

Press . LCD shows:


Press . LCD shows:

Press . LCD shows the first opening period.

Press  to scroll all the scheduled opening periods.

Press  to delete. LCD shows:

Press  to confirm or  to exit.

At the end of the list, press .

WEEKLY TIME LOCK  
T1 SETTING

OPENING PERIODS  
SETTINGS

ADD NEW VALUES

VERIFY OR DELETE  
VALUES


GG/MM/AA hh:mm  
GG/MM/AA hh:mm


DELETE VALUES?  
✓


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 shows:

Press  to start the connection with PC.


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.

PC LINK


PC LINK  
...

### Manager Management

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

Press . LCD shows:

“✓” installed, “\_” deleted, “X” disabled.

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


MANAGER  
MANAGEMENT

1 MANAGER ✓  
2 AMMINISTRAT. ✓



01  
INSTALL?



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Press  to confirm. Then enter the new Manager code and confirm it. LCD shows:

OPERATION DONE

If the Manager is already installed, press  for disabling/deleting/installing it. Then press  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 shows:

DYNAMIC CODES

Press . LCD shows:

DYNAMIC CODES  
ENABLED/DISABLED

Press . The LCD shows:

DYNAMIC CODES  
ENABLE/DISABLE?

Press  to confirm. LCD shows:


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. Moreover, in depending on the configuration selected, Master static code may be deleted as well.

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

DYNAMIC CODE  
XXX XXX XXX

Enter the activation code generated by the software Dyama or DyamaWeb and press . LCD shows:

DELETE ALL THE  
STATIC CODES?

Press . LCD shows:



OPERATION IN  
PROGRESS...

Once terminated, LCD shows:

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

Press  and then press . LCD shows:

MANAGER MENU  
X X X X X X

Power up the keypad. Enter Manager code (default code 1-2-3-4-5-6).

## Users Management

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


USERS MANAGEMENT  
0 1 – X X X X X X

Press  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 . If the user is not installed LCD shows:

02  
INSTALL?


“” Dallas key, “1 2” code, “+” dual mode, “TL” time lock

Press  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  to confirm the choice.

## Time delay

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

T. DELAY AND  
O. WINDOW

Press  to confirm. LCD shows the current values for time delay and open window.

TIME DELAY 00  
OPEN WINDOW 01

Press  to exit or  to set new values.

TIME DELAY mm  
OPEN WINDOW mm

Enter the new values and press  to confirm. LCD shows:


VALUES UPDATED

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

To set a time delay shorter than the one currently present, lock must be open.

## Variable Time Delay

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


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

VARIABLE TIME  
DELAY

### Variable Time Delay – Adding new values

Enter Variable Time Delay menu and press . LCD shows:




ADD NEW VALUES

Press . LCD shows the current day of the week.



 hh:mm VEN

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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  to confirm. LCD shows the next day of the week, proposing the same time values. Press  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 shows:


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


After saving the values, LCD shows:

Press  to set new values (max. 4)



### Variable Time Delay – Verify or delete values


Enter Variable Time Delay menu and press  until LCD shows:

Press . LCD shows the values for the first day.

Press  to scroll all the schedules list.


Press  on a schedule. LCD shows:


Press  to confirm the deletion or  to exit.


At the end of the list, press . LCD shows:

### 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 shows:

Press  to start the connection with PC.

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.


 hh:mm  :mm

END OF LIST    EXIT  
AND SAVE? 

ADD NEW VALUES

VERIFY OR DELETE  
VALUES

 08:00    DOM  
 10:00     : 01

DELETE VALUES?  


END OF LIST    EXIT  
AND SAVE? 

PC LINK

PC LINK  
...

## Override Manager menu

Power up the keypad.


Press , then press  until LCD shows:

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 shows:

OVR USERS  
MANAGEMENT


Press , and press  to scroll users list or enter user ID.

50	51	52	53	54
✓	x	_	_	✓

“✓” user installed, “\_” user deleted, “X” user disabled.



Press . If the user is not installed LCD shows:

52  
INSTALL?

“” Dallas key, “1 2” code, “+” dual mode, “TL” time lock

Press , 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  to confirm the choice.

## Code changing


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

Power up the keypad.

Press , then press  until LCD shows:

CHANGE CODE

### Change code for standard and override Users

Power up the keypad. Access Change Code menu and press . LCD shows:

CHANGE USER  
CODE

Press  to confirm. LCD shows:

ENTER OLD CODE  
X X - X X X X X X

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

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

ENTER NEW CODE  
X X X X X X

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

CONFIRM CODE  
X X X X X X

## TechMaster

### Change code for Manager

Power up the keypad. Access Change Code menu and press .

CHANGE MANAGER  
CODE

Then, press  until LCD shows:

Press  to confirm. LCD shows:

OLD CODE  
X X X X X X

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

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

ENTER NEW CODE  
X X X X X X

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

CONFIRM CODE  
X X X X X X

### Change code for Override Manager

Power up the keypad. Access Change Code menu and press .

CHANGE OVR  
MANAGER CODE

Then, press  until LCD shows:

Press  to confirm. LCD shows:

OLD CODE  
X X X X X X

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

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

ENTER NEW CODE  
X X X X X X


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

CONFIRM CODE  
X X X X X X

### Change code for Master

Power up the keypad. Access Change Code menu and press .

CHANGE MASTER  
CODE

Then, press  until LCD shows:

Press  to confirm. LCD shows:

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.

TIME MENU

Press  and then press  until LCD shows:

## Opening extension


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

Power up the keypad. Access Time Menu and press . LCD shows:

MANAGER CODE  
X X – X X X X X X


Enter Manager code. LCD shows:

OPENING  
EXTENSION


Press . If a time lock is already programmed, LCD shows 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  to confirm.

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


## Immediate Time Lock

Power up the keypad and access Time Menu and press . LCD shows:


MANAGER CODE  
X X – X X X X X X

Enter Manager code. LCD shows:

OPENING  
EXTENSION


Press  until LCD shows:

IMMEDIATE  
TIME LOCK

Press . LCD shows the next activation time for the time lock:



BLOCK UNTIL:  
14/09 08:00

Press  to confirm.

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

## Configuration menu

Power up the keypad.

Press  and then press  until LCD shows:

CONFIGURATION  
X X X X X X

Enter configuration code (default code 5-0-5-0-5-0).

## Install Locks

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

INSTALL  
LOCKS

Press  and select the lock to install.

SELECT  
LOCK

## TechMaster

If the lock selected is already installed, LCD shows:

LOCK ALREADY  
INSTALLED

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

LOCK X  
DOES NOT ANSWER

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

MASTER CODE  
X X X X X X X X

Enter Master code and then Manager code. LCD shows:

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 shows:

INSTALL  
LOCKS

Press  until LCD shows:

REMOVE  
LOCKS

Press  and select the lock to remove.

SELECT  
LOCK

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

REMOVE LOCK X?

Press  to confirm. LCD shows:

MASTER CODE  
X X X X X X X X

Enter Master code, LCD shows:

OPERATION DONE

If the lock selected is not installed, LCD shows:

LOCK NOT  
INSTALLED

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

LOCK X  
DOES NOT ANSWER

Later, LCD shows:

CONTINUE?

Press  to confirm. LCD shows:


OPERATION DONE

### Lock reclosure mode

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

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

INSTALL  
LOCKS

Press  until the LCD shows:


LOCK RECLOSURE  
MODE

Press . LCD shows:

MODE:  
AUTOMATIC

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

Press  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.

### Configure I/O Interface

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

INSTALL  
LOCKS

Press  until the LCD shows:

CONFIGURE I/O  
INTERFACE

Press . LCD shows:

RS485 ID 01

Press  to confirm. LCD shows:

MASTER CODE  
X X X X X X X X

Enter Master code. LCD shows:

RS485 ID XX


Enter an ID RS485 and press  to confirm. LCD shows:

OPERATION DONE

### Remove I/O Interface

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

INSTALL  
LOCKS

Press  until the LCD shows:

REMOVEE I/O  
INTERFACE

Press  to confirm. LCD shows:

MASTER CODE  
X X X X X X X X


Enter Master code. LCD shows:

OPERATION DONE

### Display contrast

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


INSTALL  
LOCKS

Press  until the LCD shows:

DISPLAY CONTRAST

Press . LCD shows:

ADJUST CONTRAST  
X

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

OPERATION DONE


### Keypad Language

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


INSTALL  
LOCKS





## TechMaster

Press  until the LCD shows:

LANGUAGE

Press . LCD shows the current language set up:


LANGUAGE  
ENGLISH

Press  to change the language and press  to confirm.

### Membrane test

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



INSTALL  
LOCKS

Press  until the LCD shows:

MEMBRANE TEST

Press . LCD shows:

MEMBRANE TEST  
1234567890 → ✓


Press  to change the language and press  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 shows:

WRONG/FAULTY  
KEY

Press  to change the language and press  to confirm.


Two short beeps are produced if the test terminates successfully.  
LCD shows:

OPERATION  
DONE



### System Info

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

INSTALL  
LOCKS

Press  until the LCD shows:

SYSTEM INFO

Press . LCD shows keypad system information. Press  to see lock system info.

Press  to see the current time and date.

## NOTES

This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for writing. There are no margins, text, or other markings present.

**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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