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1. TO POWER UP F50

Press any button till display shows "ENTER COMBO" (or "SELECT LOCK" when two, or more, locks are installed): display will power-off after 30 seconds if no operation.

2. TO OPEN

Select door if Multi-Lock mode.

ENTER COMBO
XX-XXXXXX

1. Enter your user ID and combo (and insert the dallas key)*

If combo is valid, LCD shows "OPEN":

OPEN!

Open the Door within 3 seconds. Before power-off, LCD shows current date and time.

Otherwise, in case of Time Delay

2. LCD shows:

TIME DELAY
14:31

Counting is updated every second. Counting mode is a selectable feature (count-up, count-down or invisible).

3. After Time Delay has elapsed, display shows "mm:ss" (open window counting).

03:51
XX-XXXXXX

4. Enter again your user ID and combo (and insert a dallas key)* to open.

OPEN!

N.B.: If the combo is wrong, display shows:

NOT VALID
USER!

It's possible to abort time delay counting in every moment by pressing "0". Display shows:

DELAY ABORTED!

***: only in dallas key Mode**

3. TO OPEN (DUAL COMBO)

Select door if Multi-Lock mode.

ENTER COMBO
XX-XXXXXX

1. Type user ID and combo (and insert dallas key)*

If combo is valid, you must type a different user ID and combo (and insert dallas Key). If valid combo, LCD shows "OPEN":

2nd COMBO
XX-XXXXXX

Open the door within 3 seconds. Before power-off, LCD shows current date and time.

OPEN!

Otherwise, in case of Time Delay

2. LCD shows:

Counting is updated every second. Counting mode is a selectable feature(count-up, count-down or invisible).

TIME DELAY
14:31

3. After Time Delay has elapsed, display shows "mm:ss" (open window counting).

03:51
XX-XXXXXX

4. Enter a valid combo (and insert a dallas key)* and then the second combo (and insert a dallas key)* to open.

2nd COMBO
XX-XXXXXX

OPEN!

N.B.: If combo is wrong, display shows:

NOT VALID
USER!

It's possible to abort time delay counting in every moment by pressing "0". Display shows:

DELAY ABORTED!

If Override user (#49) is installed with Dual combo, first You have to enter User #49 combo (and dallas Key).*

***: only in dallas key Mode**

4. CHANGING COMBO - Users and Manager (only digit)

Press any button to power up F50, select door if Multi-Lock mode; display shows:

ENTER COMBO
XX-XXXXXX

1. Enter user ID and enter " 0" six times. LCD shows:

OLD CODE
04-XXXXXX

2. Enter an OLD valid combo. LCD shows:

NEW CODE
04-XXXXXX

3. Enter a NEW valid combo, LCD shows:

CONFIRM NEW
04-XXXXXX

4. Enter the NEW combo again, LCD shows:

MANAGER CODE
UPDATED!

USER CODE
UPDATED!

In case of mistake, the display shows:

ERROR!

Note: ALWAYS PERFORM THIS OPERATION WITH THE DOOR OPEN.

Test lock operation several times before closing the door.

In case of mistake, the old combo keeps in memory. Wait thirty seconds and repeat the procedure.

5. CHANGING COMBO - Users and Manager (with dallas key)

Press any button to power up F50, select door if Multi-Lock mode; display shows:

ENTER COMBO
XX-XXXXXX

1. Enter user ID and " 0" six times, LCD shows:

OLD CODE
04-XXXXXX

2. Enter an OLD valid combo and insert dallas key. LCD shows:

INSERT
DALLAS KEY

3. Enter a NEW valid combo, LCD shows:

NEW CODE
04-XXXXXX

4. Enter a NEW combo again and insert dallas key, LCD shows:

CONFIRM NEW
04-XXXXXX

INSERT
DALLAS KEY

MANAGER
UPDATED

USER CODE
UPDATED

In case of mistake, display shows:

ERROR!

Note: ALWAYS PERFORM THIS OPERATION WITH THE DOOR OPEN.

Test lock operation several times before closing the door.

In case of mistake, the old combo keeps in memory. Wait thirty seconds and repeat the procedure

6. CHANGING COMBO - Master (always only digit)

Press any button to power up F50; display shows:

ENTER COMBO
XX-XXXXXX

1. **Hold down "0"** until display shows:

MASTER
XXXXXXXX

2. **Enter "0" eight times.** LCD shows:

OLD CODE
XXXXXXXX

3. **Enter the valid Master combo.** LCD shows:

NEW CODE
XXXXXXXX

4. **Enter a valid NEW Master combo.** LCD shows:

CONFIRM NEW
XXXXXXXX

5. **Enter the NEW Master combo again.** LCD shows:

MASTER CODE
UPDATED!

In case of mistake, display shows:

ERROR!

Note: In case of mistake, the old combo keeps in memory.
Wait thirty seconds and repeat the procedure.

7. MANAGER MENU

Manager Menu allows to access to following functions:

- **Users Administration** (install, delete, disable/enable)
- **Setup Time Delay**
- **Audit List**

Access Manager Menu

Press any button to power up F50; select door if Multi-Lock mode; display shows:

ENTER COMBO
XX-XXXXXX

Hold down **OK** until display shows:

MANAGER
XXXXXX

Enter Manager combo. (default: 1-1-1-1-1-1)

If Dallas key Mode is active, insert Manager's Key.

7.1 Users Administration

This function allows to manage all users in each lock.

Access Manager Menu (see **Manager Menu** page 7).

If valid Manager code is entered, LCD shows:

USERS ON/OFF

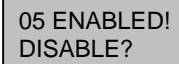
Press **OK** to access users administration function. LCD shows:

SELECT
USER ID = XX

Enter user ID (ex: 05 for user 5). Four conditions are possible:

7.1.1 User enabled

Display shows:



If You want to disable user:

- Press **OK**
- LCD shows



Otherwise,

- Press **P** and LCD shows:



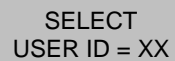
If you want to delete user:

- Press **OK**
- LCD shows



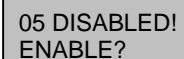
Otherwise,

- Press **P** and LCD shows:



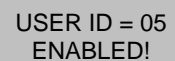
7.1.2 User disabled

Display shows:



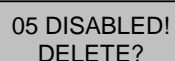
If You want to enable user:

- Press **OK**
- LCD shows



Otherwise,

- Press **P** and LCD shows:



If you want to delete user:

- Press **OK**
- LCD shows

USER ID = 05
DELETED!

Otherwise,

- Press **P** and LCD shows:

SELECT
USER ID = XX

7.1.3 User deleted

Display shows:

05 DELETED!
INSTALL?

If You want to install user:

- Press **OK**
- LCD shows

NEW CODE
05-XXXXXX

Enter user code,

- Press **OK** and LCD shows:

CONFIRM NEW
05-XXXXXX

Enter user code again:

- Press **OK** (and insert dallas key)*
- LCD shows

USER ID = 05
ENABLED!

Otherwise,

- Press **P** and LCD shows:

SELECT
USER ID = XX

7.1.4 User blocked

Display shows:

USER ID = 05
NOT VALID!

***: only in dallas key Mode**

7.2 Time Delay

This function allows to change Time delay values in each lock.

Access Manager Menu (see **Manager Menu** page 7).

If valid Manager code is entered, LCD shows:

USERS ON/OFF

Press **P** to select Time Delay Menu. LCD shows:

TIME DELAY

Press **OK** to access Time Delay Menu. LCD shows the current values:

DELAY XX
OPEN XX

Press **OK** again to setup the new values:

Digit the new values (insert two digits :ex. 08 – 02).

DELAY 08
OPEN 02

Press **OK** to confirm new values.

LCD shows:

OK, UPDATED
VALUES!

If You select a lower Time Delay value and You confirm with **OK** button, old Time Delay counting starts automatically; when Time delay counting is elapsed and open window period starts, F50 has updated TD values. You have to wait that open period is finished.

Press **P** to select the next programming window.

7.3 Audit Download

This function allows to download lock's audit.

It is necessary to use a specific cable and a specific software to link to a Personal Computer. (art. L42160/J)

Access Manager Menu (see **Manager Menu** page 7).

USERS ON/OFF

Press **P** until LCD shows:

DOWNLOAD
AUDIT

Press **OK** to start download. LCD shows:

DOWNLD.AUDIT
ENABLED **

Note. You can repeat this operation several times without any problems because It is not possible to delete Audit List from lock.

8. TIME MENU

Time Menu allows to access to following functions:

- **Immediate Time Lock** – immediate closing until the next opening period.

Note This function is available only if one opening period is stored in Time Lock Standard Week. See Page 16.

- **Temporary Time Lock** – immediate closing until Time and Date programmed (max 4 weeks).

- **Extension Time Lock** (active only if available from PC) – increase the next closing period (30 min. max 4 times).

Note 1 This menu is available only if one opening period is stored in Time Lock Standard Week (section 9.2).

Note 2 The features of this menu affect only the main Time Lock (section 9.2), not the 2nd Time Lock (section 9.3).

8.1 Immediate Time Lock

Press any button to power up F50, select door if Multi-Lock mode; display shows:

ENTER COMBO
XX-XXXXXX

Hold down **P** until LCD shows:

TIME MENU
XXXXXX

Enter Manager code (or a valid user code if the feature is extended to users, too). (default: 1-1-1-1-1-1)

If code is valid, LCD shows:

IMMEDIATE
TIME LOCK?

Press **OK** to confirm, LCD shows:

Do You
CONFIRM?

Press **OK** to confirm again.

If List of Time Lock Standard Week is empty, the function is not available and LCD shows:

NO OPEN PER.
PROGRAMMED

8.2 Temporary Time Lock

Press any button to power up F50, select door if Multi-Lock mode; display shows:

ENTER COMBO
XX-XXXXXX

Hold down P until LCD shows:

TIME MENU
XXXXXX

Enter Manager code (or a valid user code if the feature is extended to users, too). (default: 1-1-1-1-1-1)

If code is valid, LCD shows:

IMMEDIATE TIME
LOCK?

Press **P** to select the next function.

Display shows:

TEMPORARY
TIME LOCK?

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

HH:MM
DD/MM/YYYY

Insert Time and Date for the next opening period (MAX 4 WEEKS). Press **OK** to confirm.

HH:MM *
DD/MM/YYYY

LCD shows:

Do You
CONFIRM?

Press **OK** to confirm again. LCD shows:

OK TIME LOCK
ACTIVATED!

If a **MISTAKE** is made inserting Time and Date values, **do not confirm** but press **P** to cancel and then repeat the procedure.

8.3 Open Extension Time Lock

Press any button to power up F50, select door if Multi-Lock mode; display shows:

ENTER COMBO
XX-XXXXXX

Hold down **P** until LCD shows:

TIME MENU
XXXXXX

Enter Manager code. (default: 1-1-1-1-1-1)

If valid Manager code is entered, LCD shows:

IMMEDIATE
TIME LOCK?

Press **Twice** **P** to select Extension function. LCD shows:

OPEN PERIOD
+30 min?

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

Do You
CONFIRM?

Press **OK** to confirm again. LCD shows:

The next closing period is increased of 30 min.

OK OPENING
TIME +30 min

9. MASTER MENU

Master Menu allows to access to following functions:

- **Time / Date** (Setup Time and Date)
- **Time Lock Standard Week** (Add/Modify/Verify opening period)
- **2nd Time Lock Standard Week** (Add/Modify/Verify opening period)
- **Time Lock Special Events** (Add/Modify/Verify closing period)
- **PC Link** (Open serial port to communicate with PC)
- **Setup** (Install/remove Locks, System Info)
- **Manager** (Delete/Install Manager)

9.1 Time / Date

Press any button to power up F50; display shows:

ENTER COMBO
XX-XXXXXX

Hold down 0 (zero) until display shows:

MASTER
XXXXXXXX

Enter Master combo. (default: 1-2-3-4-5-6-7-8)

If valid Master code, LCD shows:

TIME /DATE

Press **OK** to select this function. LCD shows the current Time and Date.

18:30 MON
10/09/2004

Press **OK** to modify Date /Time.

Insert the new values for Date and Time.

HH:MM
DD/MM/YYYY

Press **OK** to confirm.

LCD shows the new values for Date and Time:

18:30 MON
10/09/2004

9.2 Time Lock - Standard Week

In this menu You can enter a new opening period (door opened!), modify and verify all stored opening periods.

9.2.1 ADD / MODIFY Standard Week

Press any button to power up F50; display shows:

ENTER COMBO
XX-XXXXXX

Hold down 0 (zero) until display shows:

MASTER
XXXXXXXX

Enter Master combo. (default: 1-2-3-4-5-6-7-8)

If valid Master code, LCD shows:

TIME/DATE

Press **P** to select the next function. LCD shows*:

TIME LOCK
STAND. WEEK

Press **OK** to select Time Lock Standard Week.

STAND.WEEK
ADD

Press **OK** to Add or Modify the opening period:

🔓 HH:MM MON
🔒 HH:MM

THE FIRST IS OPENING TIME AND THE SECOND IS CLOSING TIME. IN THE UPPER RIGHT CORNER YOU WATCH THE DAY OF THE WEEK.

Enter new values and then press **OK**.

STAND WEEK
ADD

Press **OK** again to Add a new opening period or to Modify an old record. LCD shows:

🔓 HH:MM MON
🔒 HH:MM

Enter new values or press **OK** to change day.

REPEAT THIS PROCEDURE FOR ALL DAYS.

***: If 2nd time lock feature has been selected, LCD shows TIME LOCK 1**

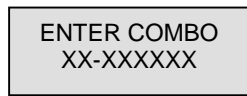
Press **P** to exit from this procedure.

VERY IMPORTANT...

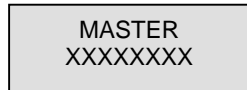
- Standard Week is OPENING PERIOD: safe door CAN BE OPEN if You enter a valid combo. (for ex. Opening period from 08:00 to 14:00, safe door opens from 08:00 to 14:00 but does not open at 16:00).
- You can enter FOUR different opening periods for each day. (for ex: MON from 07:00 to 10:00; from 12:00 to 13:00; from 15 to 16:00; from 18:00 to 19:00).
- To delete an opening period You must install a new opening period with duration null within the existing one. (for ex. to delete a opening time from 08:00 to 12:00, enter a new opening period from 10:00 to 10:00).

9.2.2 VERIFY opening period

Press any button to power up F50, select door if Multi-Lock mode; display shows:

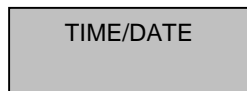


Hold down 0 (zero) until display shows:

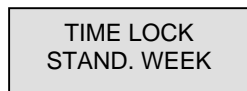


Enter Master combo. (default: 1-2-3-4-5-6-7-8)

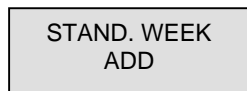
If valid Master code, LCD shows:



Press **P** to select the next function. LCD shows*:



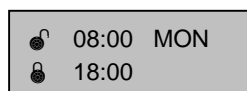
Press **OK** to access Standard Week function. LCD shows:



Press **P** to select the next function.



Press **OK** to see the first opening period stored.



*: If 2nd time lock feature has been selected, LCD shows TIME LOCK 1

Press **OK** to scroll all stored opening periods.

NOTE. To modify a wrong opening period, use the function Time Lock Standard Week ADD. (See 2.1).

9.3 2nd Time Lock – Standard Week

In this menu (available only if 2nd Time Lock feature has been activated) You can enter a new opening period (door opened!), modify and verify all stored opening periods.

9.3.1 ADD / MODIFY Standard Week (2nd TL)

Press any button to power up F50; display shows:

ENTER COMBO
XX-XXXXXX

Hold down 0 (zero) until display shows:

MASTER
XXXXXXXX

Enter Master combo. (default: 1-2-3-4-5-6-7-8)

If valid Master code, LCD shows:

TIME/DATE

Press twice **P** to select the next function. LCD shows:

TIME LOCK 2
STAND. WEEK

Press **OK** to select 2nd Time Lock Standard Week.

STAND.WEEK
ADD

Press **OK** to Add or Modify the opening period:

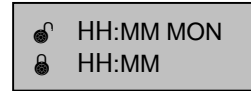
🔓 HH:MM MON
🔒 HH:MM

**THE FIRST IS OPENING TIME AND THE SECOND IS CLOSING TIME.
IN THE UPPER RIGHT CORNER YOU WATCH THE DAY OF THE WEEK.**

Enter new values and then press **OK**.

STAND WEEK
ADD

Press **OK** again to Add a new opening period or to Modify an old record. LCD shows:



Enter new values or press **OK** to change day.

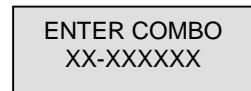
REPEAT THIS PROCEDURE FOR ALL DAYS.

Press **P** to exit from this procedure.

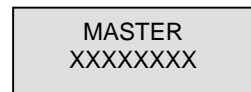
NOTE. See 2.1 "Very important..." section.

9.3.2 VERIFY opening period (2nd TL)

Press any button to power up F50, select door if Multi-Lock mode; display shows:

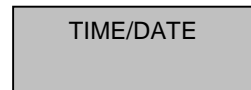


Hold down 0 (zero) until display shows:

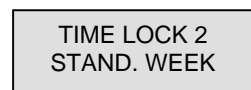


Enter Master combo. (default: 1-2-3-4-5-6-7-8)

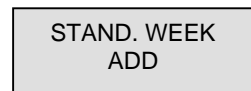
If valid Master code, LCD shows:



Press twice **P** to select the next function. LCD shows:



Press **OK** to access 2nd Time Lock Standard Week function. LCD shows:

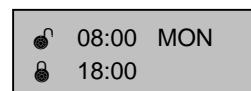


Press **P** to select the next function.



Press **OK** to see the first opening period stored.

Press **OK** to scroll all stored opening periods.



9.4 Time Lock - Special Events

In this menu You can enter a new closing period (door closed!!), modify and verify all stored closing period.

4.1 ADD /MODIFY Special events

Press any button to power up F50; display shows:

ENTER COMBO
XX-XXXXXX

Hold down 0 (zero) until display shows:

MASTER
XXXXXXXX

Enter Master combo. (default: 1-2-3-4-5-6-7-8)

If valid Master code is entered, LCD shows:

TIME /DATE

Press **P** until LCD shows:

TIME LOCK
SPECIAL EVNT

Press **OK** to select Special Events Menu

SPECIAL EVNT
ADD

Press **OK** Add or Modify the closing period:

NOTE: THE FIRST IS THE CLOSING DATE AND THE SECOND IS THE OPENING DATE.

🔒 DD/MM
🔓 DD/MM

Enter new values and then press **OK** *:

🔒 25/12
🔓 27/12 *

SPECIAL EVNT
ADD

Repeat this procedure for each special events.

Press **P** to select the next programming window.

*: Max duration 4 WEEKS.

VERY IMPORTANT...

- Special Event is a CLOSING PERIOD: the safe door IS BLOCKED! **Special event repeat itself EACH YEAR.**
- You can enter **Twenty Special Events** (Max FOUR weeks)
- To delete a Special Event, enter a new Special Event with duration null within existing one. **(for ex. To delete a Special Event from 25/12 to 27/12, insert a new Special Event from 26/12 to 26/12).**

9.4.2 VERIFY Special events

Press any button to power up F50, select door if Multi-Lock mode; display shows:

ENTER COMBO
XX-XXXXXX

Hold down 0 (zero) until display shows:

MASTER
XXXXXXXX

Enter Master combo. (default: 1-2-3-4-5-6-7-8)

If valid Master code is entered, LCD shows:

TIME /DATE

Press **P** to select the next function. LCD shows:

TIME LOCK
SPECIAL EVNT

Press **OK** to access Special Event function. LCD shows:

SPECIAL EVNT
ADD

Press **P** to select next function. LCD shows:

SPECIAL EVNT
VERIFY

Press **OK** to see the first closing period stored. Ex:

🔒 25/12
🔓 27/12

Press **OK** to scroll all stored opening periods.

To modify a wrong Special Event, use the function Time Lock Special Event ADD. (See 3.1).

9.5 PC Link

Press any button to power up F50; display shows:

ENTER COMBO
XX-XXXXXX

Hold down 0 (zero) until display shows:

MASTER
XXXXXXXX

Enter Master combo. (default: 1-2-3-4-5-6-7-8)

If valid Master code is entered, LCD shows:

TIME /DATE

Press **P** until LCD shows:

PC LINK

Press **OK** to open the communication with the PC.

PC LINK
ENABLED **

Press **P** to stop the communication.

PC LINK

9.6 System Setup

System Setup allows to access to following functions:

- **Install Lock**
- **Remove Lock**
- **Assign lock**
- **Sys Info**

Press any button to power up F50; display shows:

ENTER COMBO
XX-XXXXXX

Hold down 0 (zero) until display shows:

MASTER
XXXXXXXX

Enter Master combo. (default: 1-2-3-4-5-6-7-8)

If valid Master code is entered, LCD shows:

TIME /DATE

Press **P** until LCD shows:

SYSTEM SETUP

9.6.1 Install Lock

Press **OK** to select this function

LOCK
INSTALL

Press **OK** to install new lock, LCD shows:

ENTER COMBO
XXXXXX

Enter Installation Code (default 505050).

Enter ID number (Start always with ID=1).

SELECT
LOCK ID =

Press **OK** to install the new lock. Press **OK** another time to confirm.

Do You
CONFIRM ?

If LCD shows the following windows, F50 does

LOCK NOT
READY !

not communicate with lock. Check lock ID.

9.6.2 Remove Lock

Press **OK** to enter in System Setup Menu

LOCK
INSTALL

Press **P** to select next function, LCD shows:

LOCK
REMOVE

Press **OK** to enter in remove lock menu, LCD shows:
Enter Installation Code (default 505050).

ENTER COMBO
XXXXXX

Enter lock ID number.

SELECT
LOCK ID =

Press **OK** to remove selected lock:

ARE YOU SURE
REMOVE LK n?

LCD shows:

OPERATION IS
IRREVERSIBLE

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

Do You
CONFIRM ?

When a lock is removed, It is not possible to re-install immediately.

You have to reset with reset-box and then re-programme with the PC software.

9.6.3 Assign lock

It's the menu to assign Time lock to the locks or to exclude a lock from any Time Lock. If not specified each lock follows the main Time Lock.

Press **OK** to enter in System Setup Menu

LOCK
INSTALL

Press **P** until LCD shows:

ASSIGN LOCK

Press **OK** to enter in assign lock menu, LCD shows Time Lock Assigned to Lock 1:

LOCK 1
TIME LOCK 1

Press **P** to check the setting of the next lock:

LOCK 2
TIME LOCK 1

Otherwise, press **OK** to change the lock setting. LCD shows:

CHANGE
SETTING?

Press **OK** to confirm (or **P** to exit from this menu). LCD shows:

LOCK 1
TIME LOCK 2

Press **OK** to change the lock setting (or **P** to check the setting of the next lock). LCD shows:

CHANGE
SETTING?

Press **OK** to confirm new setting (or **P** to exit from this menu). LCD shows:

LOCK 1
NO TIME LOCK

After scrolling all the installed locks by pressing **P**, press **P** again to exit from this menu.

9.6.4 Info

Press **OK** to enter in System Setup Menu.

LOCK
INSTALL

Press **P** until LCD shows:

SYS INFO

Press **OK** to enter Info Menu.

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Press **P** to exit from Info Menu.

SYS INFO

9.7 Manager delete

Press any button to power up F50; display shows:

ENTER COMBO
XX-XXXXXX

Hold down 0 (zero) until display shows:

MASTER
XXXXXXXX

Enter Master combo. (default: 1-2-3-4-5-6-7-8)

If the valid Master code is entered, LCD shows:

TIME /DATE

Press **P** until LCD shows:

MANAGER

Select door if Multi-Lock mode, Press **OK** to enter Manager menu:

SELECT
LOCK ID =

If Manger is installed, LCD shows:

MANAGER
DELETE?

- Press **OK** to remove Manager
- Press **OK** to confirm

Do You
CONFIRM ?

OK; MANAGER
REMOVED!

Otherwise, if Manager is deleted, LCD shows:

MANAGER
INSTALL?

- Press **OK** to install Manager. LCD shows:
- Enter a new manager code
- Enter the code again and Press **OK** to confirm

NEW CODE
XXXXXX

CONFIRM NEW
XXXXXX

MANAGER CODE
UPDATE