Contents   LGMASTER F19

1. TO POWER UP LGMASTER F19

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
x-x-x-x-x-x
```

1. **Enter a combo (and insert the dallas key)***

   If valid combo, LCD will show "OPEN":

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

```
OPEN!
```

   Otherwise, <u>if there is Time Delay</u>

2. LCD will show:

   Counting is updated every second, counting mode must

   be selectable (count-up, count-down or invisible).

```
TIME DELAY
14:31
```

3. After Time Delay is elapsed, the display will show "mm:ss" (open window counting).

```
03:51
x-x-x-x-x-x
```

4. **Enter again a valid combo (and insert a dallas key)* to open**.

```
OPEN!
```

Note: If the combo is wrong, display will show:

```
NOT VALID
USER!
```

It's possible to abort time delay counting by pressing "**O**". The display will show:

```
DELAY ABORTED!
```

*****: only if dallas key mode has been selected.**

---

3. TO OPEN (Dual combo)

Press any button to power up LGMASTER F19, select door if Multi-Lock mode; the display will show:

ENTER COMBO
x-x-x-x-x-x

1. **Type a combo (and insert dallas key)***

   If a valid combo and there is not Time Delay, you must type a different combo (and insert dallas key). If valid combo, LCD will show "OPEN":

2nd COMBO
x-x-x-x-x-x

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

OPEN!

   Otherwise, If there is Time Delay

2. LCD will show:

TIME DELAY
14:31

   Counting is updated every second, counting mode must be selectable (count-up, count-down or invisible).

3. After Time Delay elapse, display will show "mm:ss" (open window counting).

03:51
x-x-x-x-x-x

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

2nd COMBO
x-x-x-x-x-x

OPEN!

<u>Note 1:</u> **If Override user (#9) is installed with Dual combo, to open without waiting time delay, first You have to enter User #9 combo (and dallas Key).***

<u>Note 2:</u> If the combo is wrong, display will show:

NOT VALID
USER!

It's possible to abort time delay counting by pressing "**O**". The display will show:

DELAY ABORTED!

*****: only if You selected dallas key mode.**

---

4. CHANGING COMBO - USERS AND MANAGER (only digit)

Press any button to power up LGMASTER F19, select door if Multi-Lock mode; the display will show:

> ENTER COMBO
> x-x-x-x-x-x

1. **Enter " O" six times.** LCD will show:

> OLD CODE
> x-x-x-x-x-x

2. **Enter an OLD valid combo**. LCD will show:

> NEW CODE
> x-x-x-x-x-x

3. **Enter a NEW valid combo**, LCD will show:

> CONFIRM NEW
> x-x-x-x-x-x

4. **Enter the NEW combo again**, LCD will show:

> MANAGER
> UPDATED

> USER CODE
> UPDATED

In case of mistake, the display will show:

> 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 (30) seconds and repeat the procedure.

5. CHANGING COMBO - USERS AND MANAGER (with dallas key)

Press any button to power up LGMASTER F19, select door if Multi-Lock mode; the display will show:

| ENTER COMBO |
| x-x-x-x-x-x |

1. **Enter "0" six times,** LCD will show:

| OLD CODE |
| x-x-x-x-x-x |

| INSERT |
| DALLAS KEY |

2. **Enter an OLD valid combo and insert dallas key**. LCD will show:

| NEW CODE |
| x-x-x-x-x-x |

3. **Enter a NEW valid combo**, LCD will show:

| CONFIRM NEW |
| x-x-x-x-x-x |

4. **Enter a NEW combo again and insert dallas key,**

| INSERT |
| DALLAS KEY |

LCD will show:

| MANAGER UPDATED | USER CODE UPDATED |

In case of mistake, the display will show:

| 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 (30) seconds and repeat the procedure.

6. CHANGING COMBO - MASTER (Always only digit)

Press any button to power up LGMASTER F19 ; display will show:

ENTER COMBO
x-x-x-x-x-x

1. **Hold down "0"** until the display will show:

MASTER
xxxxxxx

2. **Enter "0" eight times**. LCD will show:

OLD CODE
xxxxxxx

3. **Enter the valid Master combo**. LCD will show:

NEW CODE
xxxxxxx

4. **Enter a valid NEW Master combo**. LCD will show:

CONFIRM NEW
xxxxxxx

5. **Enter the NEW Master combo again**. LCD will show:

MASTER CODE
UPDATED!

In case of mistake, the display will show:

ERROR!

Note: In case of mistake, the old combo keeps in memory.
Wait thirty (30) seconds and repeat the procedure.

7. MANAGER MENU

Manager Menu allows to access to following functions:

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

Access Manager Menu

Press any button to power up LGMASTER F19; select door if Multi-Lock mode; the display will show:

> ENTER COMBO
> x-x-x-x-x-x

Hold down OK until the display will show:

> MANAGER
> x-x-x-x-x-x

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

If dallas key mode is active, insert Manager's key.

If Dual combo mode, you must type a second combo (and insert a second dallas key, in case of dallas key mode is active).

1. Users Manage

This function allows to manage all users in each lock.

Access Manager Menu (see **Manager Menu**)

If the valid Manager code is entered, LCD will show:

> USERS ON/OFF

Press OK to access manage user's function. LCD will show:

> USERS ON/OFF
> 23_567__

- *actived* **users** are showed with the fixed number (from 2 to 9);
- *disabled* **users** are showed with the blinking number (from 2 to 9);
- *deleted* **users** are showed with "_" sign in number position (from 2 to 9);

Three selections are possible:

1.1 Disable/delete (by typing in a number showed "no blinking")

The display will show:

USER ID= n DISABLE?

If You want to disable user:

- Press **OK** the user, corresponding to entered number, is **DISABLED**.

  LCD shows all users' list and the number of disabled user is blinking.

USERS ON/OFF 23_567__

<u>Otherwise</u>

- Press **P** LCD will show:

USER ID = n DELETE?

- Press **OK** the user, corresponding to entered number, is **DELETED**.

  LCD shows all users' list and the number of deleted user is replaced with "_" sign.

USERS ON/OFF _3_567__

1.2 Enable/delete (by typing in a number showed "blinking")

The display will show:

If You want enable user:

USER ID= n ENABLE?

- Press **OK** the user, corresponding to entered number, is **ENABLED**.

  LCD shows all the users' list and the number of enabled user is 'no blinking'.

USERS ON/OFF 23_567__

<u>Otherwise</u>

- Press **P** LCD will show:

USER ID = n DELETE?

- Press **OK** the user, corresponding to entered number, is **DELETED**.

  LCD shows all users' list and the number of deleted user is replaced with "_" sign.

USERS ON/OFF _3_567__

1.3 Install (by typing in a number showed with "_" sign)

The display will show:

> ```
> USER ID= n
> INSTALL?
> ```

- Press **OK**, LCD will show:

> ```
> NEW CODE
> X-X-X-X-X-X
> ```

- Enter a valid combo. LCD will show:

> ```
> CONFIRM NEW
> X-X-X-X-X-X
> ```

- Enter the NEW combo again to confirm.

    If dallas key mode is active, you must insert
    a dallas key

    LCD shows all user's list and the new user has his
    number "no blinking".

> ```
> USERS ON/OFF
> 23_567__
> ```

In case of mistake, LCD will show:

> ```
> ERROR!
> ```

- Then:

> ```
> USERS ON/OFF
> ```

    Repeat the procedure!

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

2. Time Delay

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

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

If the valid Manager code is entered, LCD will show:

USERS ON/OFF

Press **P** to select Time Delay Menu. LCD will show:

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 :for ex. 08 – 02).

DELAY 08 OPEN 02

Press **OK** to confirm new values (*).

LCD will show:

OK, UPDATED VALUES!

(*) **Note:** Time Delay can be decrease only in open window period. If You select a lower Time Delay value and You confirm with **OK** button, old Time Delay counting will start automatically; when the counting is finished and starts open window period, LGMASTER F19 has updated TD values.

You have to wait that open period is finished.

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

3. Audit List

This function allows to download lock's audit.

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

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

> USERS ON/OFF

Press **TWICE** P to select Download Audit menu. LCD will show:

> DOWNLOAD AUDIT

Press OK to start download. LCD will show:

> 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:

- o **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.

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

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

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

1. Immediate Time Lock

Press any button to power up LGMASTER F19, select door if Multi-Lock mode; display will show:

ENTER COMBO
x-x-x-x-x-x

Hold down P until LCD will show:

TIME MENU
x-x-x-x-x-x

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

If dallas key mode is active, insert Manager's key.

If the valid Manager code is entered, LCD will show:

IMMEDIATE
TIME LOCK?

Press OK to confirm, LCD will show:

Do You
CONFIRM?

Press OK to confirm again.

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

NO OPEN PER.
PROGRAMMED

---

2. Temporary Time Lock

Press any button to power up LGMASTER F19 , select door if Multi-Lock mode; display will show:

| ENTER COMBO |
| x-x-x-x-x-x |

Hold down P until LCD will show:

| TIME MENU |
| x-x-x-x-x-x |

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

If dallas key mode is active, insert Manager's key.

If the valid Manager code is entered, LCD will show:

| IMMEDIATE TIME |
| LOCK? |

Press P to select the next function.

Display will show:

| TEMPORARY |
| TIME LOCK? |

Press OK to confirm. LCD will show:

| 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 will show:

| Do You |
| CONFIRM? |

Press OK to confirm again. LCD will show:

| OK TIME LOCK |
| ACTIVATED! |

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

3. Extension Time Lock

Press any button to power up LGMASTER F19 , select door if
Multi-Lock mode; the display will show:

| ENTER COMBO |
| x-x-x-x-x-x |

Hold down P until LCD will show:

| TIME MENU |
| x-x-x-x-x-x |

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

If dallas key mode is active, insert Manager's key.

If the valid Manager code is entered, LCD will show:

| IMMEDIATE |
| TIME LOCK? |

Press **Twice** P to select Extension function. LCD will show :

| OPEN PERIOD |
| +30 min? |

Press OK to confirm. LCD will show:

| Do You |
| CONFIRM? |

Press OK to confirm again. LCD will show:

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:

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

1. Time / Date

Press any button to power up LGMASTER F19 , select door if Multi-Lock mode; the display will show:

> ENTER COMBO
> x-x-x-x-x-x

Hold down 0 (zero) until display will show:

> MASTER
> xxxxxxxx

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

If the valid Master code is entered, LCD will show:

> TIME /DATE

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

> 18:30 MON
> 23/12/2002

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

> HH:MM
> DD/MM/YYYY

Insert the new values for Date and Time.

Press **OK** to confirm.

LCD shows the new values for Date and Time:

> 18:30 MON
> 23/11/2002

2. Time Lock - Standard Week

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

2.1 ADD / MODIFY Standard Week

Press any button to power up LGMASTER F19, select door if Multi-Lock mode; the display will show:

> ENTER COMBO
> x-x-x-x-x-x

Hold down 0 (zero) until display will show:

> MASTER
> xxxxxxxx

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

If the valid Master code is entered, LCD will show:

> TIME /DATE

Press   P   to select the next function. LCD will show:

> 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 old record. LCD will show:

> 🔓 HH:MM MON
> 🔒 HH:MM

Enter new values or press   OK   to change day.

REPEAT THIS PROCEDURE FOR ALL DAYS.

Press   P   to esc from this procedure.

Very Important...

- Standard Week is OPENING PERIOD: the safe's door CAN BE OPEN if You enter a valid combo. **(Ex. Opening period from 08:00 to 14:00, the safe's 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).**

2.2 VERIFY opening period

Press any button to power up LGMASTER F19, select door if Multi-Lock mode; the display will show:

```
ENTER COMBO
x-x-x-x-x-x
```

Hold down 0 (zero) until display will show:

```
MASTER
xxxxxxxx
```

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

If the valid Master code is entered, LCD will show:

```
TIME /DATE
```

Press P to select the next function. LCD will show:

```
TIME LOCK
STAND. WEEK
```

Press OK to access Standard Week function. LCD will show:

```
STAND. WEEK
ADD
```

Press P to select the next function.

```
STAND. WEEK
VERIFY
```

Press OK to see the first opening period stored. Ex:

Press OK to scroll all stored opening periods.

```
🔓  08:00  MON
🔒  18:00
```

**To modify a wrong opening period, use the function Time Lock Standard Week ADD (See 2.1 page 16).**

3. Time Lock - Special Events

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

3.1 ADD /MODIFY Special events

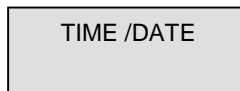Press any button to power up LGMASTER F19 , select door if Multi-Lock mode; the display will show:

<div style="float:right; border:1px solid #000; padding:8px; text-align:center;">
ENTER COMBO
x-x-x-x-x-x
</div>

Hold down 0 (zero) until display will show:

<div style="float:right; border:1px solid #000; padding:8px; text-align:center;">
MASTER
xxxxxxxx
</div>

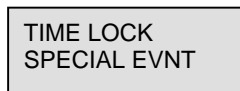**Enter Master combo**. (default: 1-2-3-4-5-6-7-8)

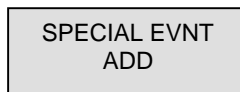If the valid Master code is entered, LCD will show:

<div style="float:right; border:1px solid #000; padding:8px; text-align:center;">
TIME /DATE
</div>

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

<div style="float:right; border:1px solid #000; padding:8px; text-align:center;">
TIME LOCK
SPECIAL EVNT
</div>
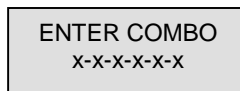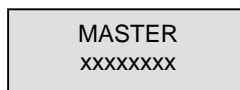
Press OK to select Special Events Menu.

<div style="float:right; border:1px solid #000; padding:8px; text-align:center;">
SPECIAL EVNT
ADD
</div>
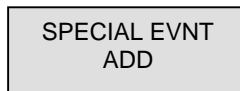
Press OK to Add or Modify the closing period:

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

<div style="float:right; border:1px solid #000; padding:8px; text-align:center;">
🔒 DD/MM
🔓 DD/MM
</div>

Enter new values and then press OK *:

<div style="float:right; border:1px solid #000; padding:8px; text-align:center;">
🔒 25/12
🔓 27/12 *
</div>

<div style="float:right; border:1px solid #000; padding:8px; text-align:center;">
SPECIAL EVNT
ADD
</div>
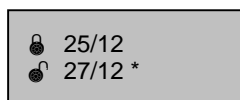
Repeat this procedure for each special events.

Press P to select the next programming window.

*: Max duration 4 WEEKS.

VERY IMPORTANT…

- Special Event is a CLOSING PERIOD: the safe's door IS BLOCKED! **Special event repeat itself <u>EACH YEAR</u>**.

- 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)**.

3.2 VERIFY Special events

Press any button to power up LGMASTER F19 , select door if Multi-Lock mode; the display will show:

> ENTER COMBO
> x-x-x-x-x-x

Hold down 0 (zero) until display will show:

> MASTER
> xxxxxxxx

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

If the valid Master code is entered, LCD will show:

> TIME /DATE

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

> TIME LOCK
> SPECIAL EVNT

Press OK to access Special Event function. LCD will show:

> SPECIAL EVNT
> ADD

Press P to select next function. LCD will show:

> 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 page 18).

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4. PC Link

Press any button to power up LGMASTER F19 , select door if Multi-Lock mode; display will show:

> ENTER COMBO
> x-x-x-x-x

Hold down 0 (zero) until display will show:

> MASTER
> xxxxxxxx

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

If the valid Master code is entered, LCD will show:

> TIME /DATE

Press **three times** P to select PC Link. LCD will show:

> PC LINK

Press OK to open the communication with the PC.

> PC LINK
> ENABLED **

Press P to stop the communication.

> PC LINK

5. System Setup

System Setup allows to access to following functions:

- o **Install Lock**
- o **Remove Lock**
- o **Info**

Press any button to power up LGMASTER F19, select door if Multi-Lock mode; display will show:

ENTER COMBO
x-x-x-x-x-x

Hold down 0 (zero) until display will show:

MASTER
xxxxxxxx

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

If the valid Master code is entered, LCD will show:

TIME /DATE

Press **four times** P to select PC Link. LCD will show:

SYSTEM SETUP

5.1 Install Lock

Press OK to select this function

LOCK
INSTALL

Press OK to install new lock, LCD will show:

Enter Installation Code (default 505050).

ENTER COMBO
x-x-x-x-x-x

Enter ID number (Start always with ID=1)

SELECT
LOCK ID =

Press OK to install the new lock

Do You
CONFIRM ?

If LCD shows the following windows, LGMASTER F19 does not communicate with lock. Check lock ID.

LOCK NOT
READY !

5.2 Remove Lock

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

LOCK
INSTALL

Press **P** to select next function, LCD will show:

LOCK
REMOVE

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

ENTER COMBO
x-x-x-x-x-x

Enter lock ID number

SELECT
LOCK ID=

Press **OK** to remove selected lock:

ARE YOU SURE
REMOVE LK n?

LCD will show:

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.

5.3 Info

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

LOCK
INSTALL

Press **Three times** **P**, LCD will show:

SYS INFO

Press **OK** to enter Info Menu:

F19   V2.O
14/11/03

Press **P** to esc from Info Menu:

SYS INFO

6. Manager

Press any button to power up LGMASTER F19, select door if Multi-Lock mode; display will show:

<div style="float:right">

```
ENTER COMBO
x-x-x-x-x-x
```
</div>

Hold down 0 (zero) until display will show:

<div style="float:right">

```
MASTER
x-x-x-x-x-x-x-x
```
</div>

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

If the valid Master code is entered, LCD will show:

<div style="float:right">

```
TIME /DATE
```
</div>

Press **five times** P to select Manager. LCD will show:

<div style="float:right">

```
MANAGER
```
</div>

Press OK to enter Manager menu; select lock:

<div style="float:right">

```
SELECT
LOCK ID=
```
</div>

If Manager is installed, LCD will show:

<div style="float:right">

```
MANAGER
DELETE?
```
</div>

    Press OK to remove Manager

    Press OK to confirm

<div style="float:right">

```
Do You
CONFIRM ?
```
</div>

<div style="float:right">

```
OK; MANAGER
REMOVED!
```
</div>

Otherwise, if Manager is deleted, LCD will show:

<div style="float:right">

```
MANAGER
INSTALL?
```
</div>

    Press OK to install Manager

    Digit a new combo and then...

<div style="float:right">

```
NEW CODE
x-x-x-x-x-x
```
</div>

    ....repeat to confirm

<div style="float:right">

```
CONFIRM NEW
x-x-x-x-x-x
```
</div>

<div style="float:right">

```
MANAGER CODE
UPDATE
```
</div>