

Range Hi!	Model LIGHT MDB	N° T.I. 05_2022
Serial Number N/A	Subject NEW FIRMWARE RELEASE LM023T00	

DETAILS OF IMPLEMENTED CHANGES

The new software version **LM023T00** has been released.

The version **LM023T00** replaces the version **LM022T00**

DESCRIPTION

1. Management of Extras by means of a Breasy Wallet.

The possibility to manage the Extras present in the payment system (Bonus 1 as token, Bonus 2/3 as token, Reward points / credit, Recycling) has been added also for selections made by means of a *Breasy* electronic wallet. By means of new parameter below:

PROGRAMMING → SALE_PRICES → eWALLET → EW EXTRA CREATE it is possible to enable the creation of the electronic wallet necessary to use the Extras enabled in the payment system (by default this parameter is set to OFF).

2. Date / Time Recovery of the Payment System in case of shutdown and low battery.

Currently, if the System Battery is low, turning off and on again, the Clock restarts from 01/01/00 00:00:00, the System locks in Out of Order due to the Clock and signals the low battery status. A clock recovery procedure has been included, with the values it had at the time of shutdown, to avoid blocking. The accuracy of the clock depends on the shutdown duration, but allows you to keep the system in service.

This automatic procedure occurs if the parameter:

PROGRAMMING→EXTRA→BATTERY→BATTERY CHECK = “OFF” or “ON (WARNING)”

The Clock recovery is signaled with a GREEN / MAGENTA flash of 4s and a “Terminal” type Maxibox transaction with result “99” is recorded in the error column.

The procedure doesn't occur if the parameter:

PROGRAMMING→EXTRA→BATTERY→BATTERY CHECK = “ON (OUT OF ORDER)”

In this case there is also the Out of Order due to LOW BATTERY (signaled with 7 RED LED flashes and 1 GREEN LED) and the system stops.

The Clock Out of Order is signaled by the GREEN / MAGENTA flashing as continuous as in previous fw versions.

Range Hi!	Model LIGHT MDB	N° T.I. 05_2022
Serial Number N/A	Subject NEW FIRMWARE RELEASE LM023T00	

3. System Clock Synchronization with Audit Collection Terminal or App Hi! Manager.

The optional possibility of synchronizing the System Clock with the Audit collection, Maxibox collection and Configuration devices has been added. This feature is particularly useful when the system works with low battery and the automatic clock recovery function in case of shutdown is used.

The new parameter has been introduced:

PROGRAMMING→EXTRA→CLOCK→AUTO SYNC. = “ON” / “OFF” after the item “SETTINGS”, with default value = ON.

If enabled, by performing for example

Audit collection, both with APP *Hi! MANAGER* that with EVA-DTS TERMINALS, the clock is updated with the values communicated by the Terminal used, with the following limitations:

DATE/TIME of the Terminal must be valid, with YEAR > 20;

DATE/TIME of *Hi!* system it must be different from that of the Terminal by at least +/- 3 min.

Clock synchronization is signaled with a GREEN / MAGENTA flash of about 2s.

If this function is not desired, the parameter must be set to OFF.

4. System Clock Synchronization with Command received from Master MDB.

The optional possibility has been added to synchronize the System Clock by means of the appropriate command provided by the “EXPANSION - Write Time / Date File” MDB protocol.

Synchronization via MDB will only be possible if it is also supported by the Master.

This feature is particularly useful when the system works with low battery and the automatic reset function in case of shutdown is used.

The new parameter has been introduced:

PROGRAMMING → EXTRA → CLOCK → MDB SYNC. = “OFF” / “ON” / “! NOT SUPPORTED” after the “AUTO SYNC.”, with the default value = OFF.

If enabled the Master is asked to send the updated Date / Time.

If the Master responds, the Clock is updated with the values communicated, with the following

Range Hi!	Model LIGHT MDB	N° T.I. 05_2022
Serial Number N/A	Subject NEW FIRMWARE RELEASE LM023T00	

limitations:

DATE / TIME of the Master MDB must be valid, with YEAR> 20;

DATE / TIME of Hi! Systemit must be different from that of the Master MDB.

If the Master does not support synchronization, the parameter is automatically forced to the value (read only) “! NOT SUPPORTED” to indicate the reason for the synchronization failure.

The parameter can be reprogrammed to “ON” only by first bringing it to “OFF” by pressing ENTER.

Clock synchronization is signaled with a GREEN / MAGENTA flash of about 2s.

The new parameter “MDB SYNC.”, if enabled, excludes synchronization via APP or DDCMP even with the “AUTO SYNC.”= ON, to avoid any continuous synchronization if the times were not sufficiently aligned.

5. The management of the 0-price sale with e-Wallet and Breasy Credit Card has been added.
6. Sending a generic string “SEL.” as the selection name when the system works in “MDB STANDARD” mode.