

Sommario



IMPORTANT: The use of these procedures could represent a risk (e.g. deletion of application), therefore it is highly recommended that they are performed by qualified experts.

The system functions are specific procedures that allow the user to perform various operations, e.g. the configuration/calibration of peripherals, data and application save/restore on/from removable mass memory, deletion of the application and management of the mass memories. Controllers with display have some system functions that are only accessible by password and if access attempts are made the **“Function is locked”** message is given.





All the system functions are listed below.

If the **“PWD”** column shows 'Y', this means that the function requires a system password (default: “123”).

DEVICE indicates an external storage media. MMC / SD or USB for hardware that they have the port.

System Functions

n.	Led ON	System Functions	PWD	Description
1	L1	01 - Reset Error Checksum	-	Reset checksum error. NOTE: if the checksum error is present, the led L1 flashes.
2	L2	02 - Copy all files DEVICE → NAND	-	Copy all files from external DEVICE to NAND Flash memory.
3	L1 L2	03 - Copy all files NAND → DEVICE	-	Copy all files from NAND Flash memory to external DEVICE.
4	L3	04 - Application delete	Y	Delete the application.
5	L1 L3	05 - Application upload from DEVICE	Y	Upload the application from external DEVICE.
6	L2 L3	06 - System Settings	-	Adjust the system clock and selection of the DEVICE (only for hardware that possess both ports).
7	L1 L2 L3	07 - Downl. retentive data to DEVICE	-	Save the retentive data on external DEVICE.
8	L4	08 - Set NEW Password	Y	Set a new password to access the “locked” system functions.
9	L1 L4	09 - Remove all files from NAND Flash	Y	Cancel all files stored on the NAND Flash memory.
10	L2 L4	10 - Show NAND Flash files	-	List the files stored on the NAND Flash memory.
11	L1 L2 L4	11 - Touch Calibration	-	Run the calibration procedure of the Touch Screen, if present.
12	L3 L4	12 - Set Ethernet communic. parameter	-	Run the setup procedure for the Ethernet communication parameters (IP address,..., etc.).
13	L1 L3 L4	13 - Backup to NAND	-	Run the backup of the QCL application, data and HMI application on NAND memory.
14	L2 L3 L4	14 - Restore from NAND	Y	Run the restore of the QCL application, data and HMI application from NAND memory.

n.	Led ON	System Functions	PWD	Description
15	 L1  L2  L3  L4	15 - Firmware Upgrade	Y	Run the firmware upgrade from external DEVICE. Available only in some hardware.

Note: To exit system functions press the keep the **F1** key or **FUNC** button for at least two seconds.

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