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AN017

Procedure

Switch off the controller power

Insert the MMC card containing the application programs in the controller

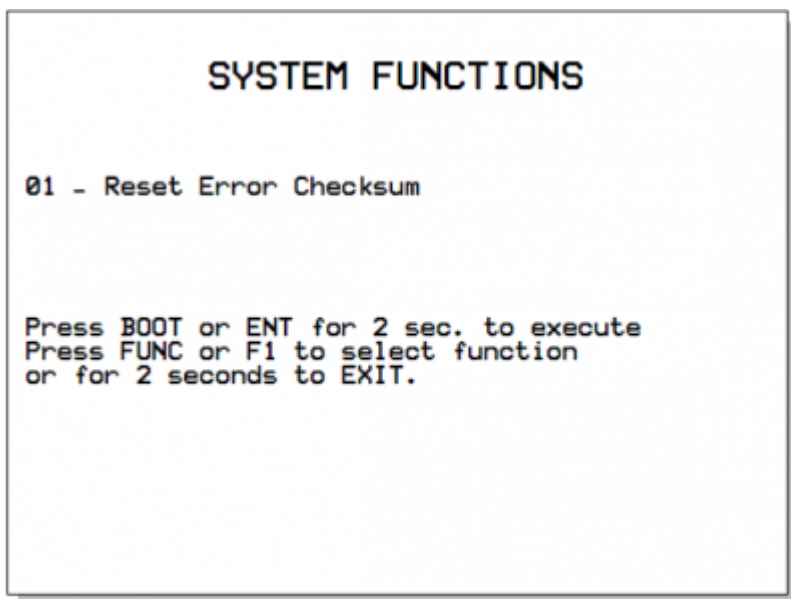
Press **F1** key  (or  **FUNC** on back) and power the controller.



Keep the **F1** key  (or  **FUNC** on back) pressed until the **System Functions** screen is opened

The Qmove application does not startup and the **“SYSTEM FUNCTIONS”** screen will open.

The screen shows function option 01 Reset Error Checksum as shown below, it is also indicated by the **L1** led on the back of the controller

(See below for the System Function options and L1-L2-L3-L4 led combinations)





Press **F1** key  (or  **FUNC** on back) to change function option screens one by one.


Go to the **Function Option 05 - Application upload from MMC/SD** screen (**L1-L3** led's on back)

SYSTEM FUNCTIONS

05 - Application upload from MMC/SD

Press BOOT or ENT for 2 sec. to execute
Press FUNC or F1 to select function
or for 2 seconds to EXIT.

Press **ENTER**  (or  **BOOT** on back) for **2 seconds** to execute the function on display.

A **PASSWORD** entry box opens - use the number keys to enter **1 2 3** and press **ENTER** 




inserisci immagine della finestra PASSWORD


The function starts and is confirmed by the message "Executing", showing the percentage progress

SYSTEM FUNCTIONS

05 - Application upload from MMC/SD

Executing...
Write data to destination file
Progress: 52%

The  **pow** led will start blinking to signal the function is running.

When the function is completed the  **pow** stops blinking.

The **SUCCESSFUL** message in green shown on screen

To restart the controller press **F1 key**  (or  **FUNC** on back)

If there is an error the  **pow** stops blinking and the  **ERR** starts blinking. The screen gives a message with the **ERROR CODE** in red.

SYSTEM FUNCTIONS

05 - Application upload from MMC/SD

Upload retentive data

Configuration - Symbols error
























PLEASE TURN OFF AND TURN ON THE SYSTEM







See the **ERROR CODE** table and corresponding led's below

System Function options

If the “**PWD**” column has ‘**Y**’ the function requires a system password (default: “123”).


System Functions

n.	Led ON	System Function	PWD	Description
1	 L1	01 - Reset Error Checksum	-	Reset checksum error. N.B.: if there is a checksum error led  L1 blinks.
2	 L2	02 - Copy all files MMC/SD → NAND	-	All files in the MMC/SD are copied to the NAND Flash.
3	  L2	03 - Copy all files NAND → MMC/SD	-	Copia All files in the NAND Flash are copied to the MMC/SD.
4	 L3	04 - Application delete	Y	The application is deleted.
5	  L3	05 - Application upload from MMC/SD	Y	The application on MMC/SD is uploaded onto the controller
6	  L3	06 - Set Date & Time	-	Change the date & time settings of the system clock
7	   L3	07 - Downl. retentive data to MMC/SD	-	The retentive data is saved on MMC/SD.
8	 L4	08 - Set NEW Password	Y	Change the password for access to “locked” system functions
9	  L4	09 - Remove all files from NAND Flash	Y	All files in the NAND Flash are deleted.
10	  L4	10 - Show NAND Flash files	-	The files stored in the NAND Flash are listed
11	   L4	11 - Touch Calibration	-	The Touchscreen calibration procedure is run.
12	  L4	12 - Set Ethernet communic. parameter	-	The ethernet communication paramenter setting procedure is run (IP address,..., etc.)

n.	Led ON	System Function	PWD	Description
13	  	13 - Backup to NAND	-	A backup of the QCL and QTP applications and data are made in the NAND Flash.
14	  	14 - Restore from NAND	Y	The QCL and QTP applications and data are restored from the NAND Flash.

N.B. To quit System Functions press **F1** (or **FUNC** on back) for at least two seconds.

Error Message

When a system error ends with an error, the number of Quando una funzione di sistema termina con errore, il numero di lampeggi del led  **err** led blinks a number of times to indicate the type of error.

System Functions Error Messages

Error/ERR Led blinks	Message
1	Generic error
2	Open/Exist/Create file error
3	Read file error
4	Write file error
5	Out of Memory error
6	QMos Version error
7	Checksum Error
8	Symbols checksum No Match
9	Configuration / Symbols error
10	File format error
11	Format error
12	Device not present or unformatted
13	Application not present error
14	Touch calibration failure
15	File compression type not support
16	Target don't match project !
17	Fw version don't match project !
18	File copy error
19	File size error
20	Crypt operation error
21	Invalid Product Serial Number
22	Function is locked

Il numero di lampeggi indica il tipo di errore avvenuto come riportato nella tabella [Messaggi di errore delle Funzioni di sistema](#).

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