MX13

PORTUGAL

OPERATION/PROGRAMMING MANUAL

EN

Motorline ®
PROFESSIONAL
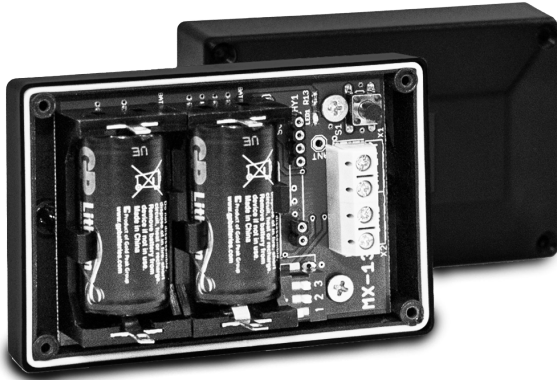
Wireless transmitter, which allows the connection of obstacle detection kits (safety rubber, magnetic contact, etc.), for communication with MR13. This device performs automatic operation tests with MR13, at defined time intervals, providing a longer battery life.

| TECHNICAL CHARACTERISTICS	
• Operation Frequency	433,92MHz
• Protection Level	IP65
• Range	Exceeding 30 meters in free field
• Type of batteries	CR123A
• Number of batteries	2 units
• Battery life	1 to 4 years (Depending on the communication chosen)

DIPPER

• **Dippers 1** and **2** define the time interval for receiving test signals MX13. This communication is made to ensure that both handsets are working perfectly.

Function off   Level 3   Level 2   Level 1
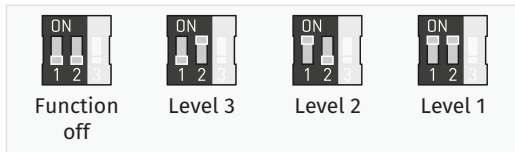
⚠
• The more frequent communication with the MR13 receiver, the shorter the battery life.
• For MX13 and MR13 devices to be synchronized, you must configure dippers 1 and 2 in the same way on both devices.

• **Dipper 3** defines the type of operation of the SAFETY input, between 8K2 system and NO contact.

Resistive contact 8k2   NO contact
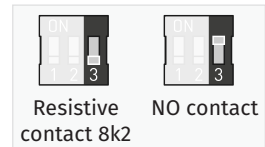
PROG AND LED 1 BUTTON

• The PROG button has the function of generating a new code, and transmitting it to the receiver.
Each time the button is pressed, LED1 illuminates, indicating that the signal is being transmitted.

⚠ Each time the PROG button is pressed, the transmitted code is changed. Therefore, if you press the PROG button, you have to program it again on the MR13 (see product manual).

LED 1

PROG

CONNECTOR

• **INIB** - This input has the function to disable the operation of the SAFETY input, through a NO contact for connection of push button or magnetic contact.

• **SAFETY** - NO or 8K2 input, defined in dipper 3. Whenever this input is triggered an order will be sent to the MR13 to open the SEC contact.

Example of use - Sectioned Door:
When the MX13 device is installed on a sectioned door with safety rubber, it is necessary to disable the SAFETY signal before the gate closes fully, so that the rubber does not send reverse order due to obstacle detection.

⚠ In locations with multiple devices that use 433.92Hz frequency, this may become saturated. In these cases, it will be better to review the use of the MX13 as we can not guarantee the correct operation. The solution may be to change the frequency of the MX13 to 868Mhz, so you should contact Motorline.

⚠ When using a magnetic port contact, it is necessary to use an 8K2 resistor connected in series with the magnetic contact.

Dipper 3

Resistive contact 8K2   Magnetic Contact NC   White wire   White wire   8k2   INIB SAFETY