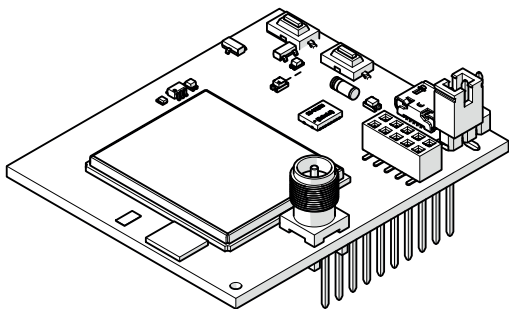


XMB / XMBX



IT

EN

FR

DE

ES

NL

SV

PL

FAAC

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Denna bruksanvisning publicerades 2020.

1. INTRODUCTION TO THE INSTRUCTION MANUAL

This manual provides the correct procedures and requirements for installing the XMB / XMBX and maintaining it in a safe condition.

When drafting the manual, the results of the risk assessment conducted by FAAC S.p.A. on the entire product life cycle have been taken into account in order to implement effective risk reduction measures.

The following stages of the life cycle of the product have been considered:

- Delivery/handling
- Assembly and installation
- Set-up and commissioning
- Operation
- Maintenance/troubleshooting
- Disposal at the end of the product's life cycle

Risks arising from installation and using the product have been taken into consideration; these include:

- Risks for the installation/maintenance technician (technical personnel)
- Risks for the user of the automation
- Risks to product integrity (damage)

In Europe, the automation of a gate falls under the Machinery Directive 2006/42/EC and the corresponding harmonised standards. Anyone automating a gate (new or existing) is classified as the Manufacturer of the Machine. They are therefore required by law, among other things, to carry out a risk assessment of the machine (automatic gate in its entirety) and adopt protective measures to fulfil the essential safety requirements specified in Annex I of the Machinery Directive.

FAAC S.p.A. recommends that you always comply with standard EN 12453 (gates) or EN 16005:2012 (automatic doors) and in particular, that you adopt the safety criteria and devices indicated, without exception, including the hold-to-run function.

This manual also contains general information and guidelines, which are purely illustrative and not exhaustive, in order to facilitate the activities carried out by the Manufacturer of the Machine in all respects with regard to carrying out the risk analysis and drafting the instructions for use and maintenance of the machine. It should be clearly understood that FAAC S.p.A. accepts no liability for the reliability and/or completeness of the above instructions. As such, the manufacturer of the machine must carry out all the activities required by the Machinery Directive and the corresponding harmonised standards on the basis of the actual condition of the locations and structures where the product XMB / XMBX will be installed, prior to commissioning the machine. These activities include the analysis of all the risks associated with the machine and subsequent implementation of all safety measures intended to fulfil the essential safety requirements.

This manual contains references to European standards. The automation must be installed in compliance with any laws, standards and regulations applicable in the country where the installation takes place.



Unless otherwise specified, the measurements provided in the instructions are in mm.

The manufacturer, FAAC S.p.A. Soc. Unipersonale, hereby, declares that the FAAC model XMB / XMBX radio equipment is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following Internet address: <http://www.faac.biz/certificates>

INTENDED USE

XMB / XMBX is a device designed to use a GSM network or Wi-Fi, to provide smart communication between enabled FAAC control boards, users and the dedicated “Simply Connect” cloud platform.

The Simply Connect PRO App is restricted to installers who can remotely control, monitor and modify parameters or set-up an automation without having to access the automation control board. The Simply Connect App is for end users and allows them to control the automation remotely.

LIMITATIONS OF USE

Install indoors. If installed outdoors, house in an enclosure that has a minimum IPX4 protection rating. XMB / XMBX can only be installed on FAAC boards fitted with a special connector. The firmware, which can be downloaded from the website <https://pro.faacsimplyconnect.com>, should be updated to the latest version during installation.

The Simply Connect PRO app is available for Android, iOS or a web interface.

UNAUTHORISED USE

Uses other than the intended use are prohibited. Do not allow the control devices to be used by anyone who is not specifically authorised and trained to do so. Do not allow the control devices to be used by children or persons with mental and physical deficiencies unless they are supervised by an adult who is responsible for their safety.

TECHNICAL DATA

Power supply voltage	5 V $\overline{=}$ from the control board or external power supply (micro USB input)
Power consumption	100 mA at 24 V $\overline{=}$ (500 mA at 5 V $\overline{=}$)
Ambient operating temperature	-20 °C to +55 °C
WiFi	802.11 b/g/n – 2.4GHz
Bluetooth	Bluetooth Low Energy (BLE 4.2) – 2.4GHz
GSM	LTE FDD Cat M1 / Cat MB1, LTE TDD Cat M1, EDGE

MEANING OF THE SYMBOLS USED

1 Symbols: notes and warnings on the instructions



WARNING ELECTRIC SHOCK HAZARD - The operation or step described must be carried out following the instructions provided and according to the safety regulations.



WARNING, personal injury hazard or risk of damage to components - The operation or step described must be carried out following the instructions provided and according to the safety regulations.



WARNING - Details and specifications which must be respected in order to ensure that the system operates correctly.



RECYCLING AND DISPOSAL - The materials used in manufacturing, the batteries and any electronic components must not be sent to landfill. They must be taken to authorised recycling and disposal centres.



FIGURE E.g.  1-3 see Figure 1 - item 3.



LED off



LED on



LED flashing

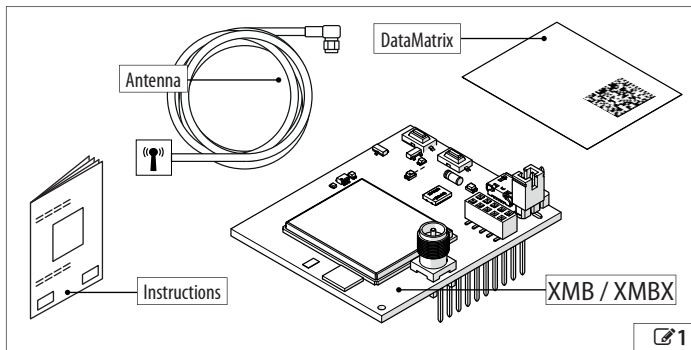


LED flashing quickly



LED off briefly

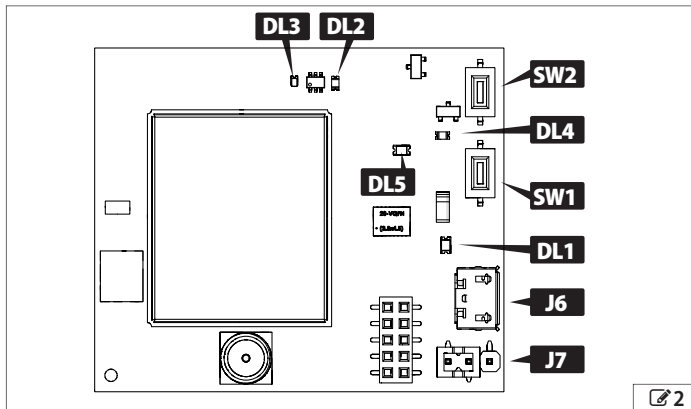
2. PACKAGE CONTENTS



The DataMatrix is the code of the XMB / XMBX device included in the package. It DOES NOT work with other XMB / XMBX devices. It is necessary when the device is first started for registering the XMB / XMBX device and the terminal (smartphone or tablet) used by the installer on the Cloud platform. It will also be required if the XMB / XMBX device, the installer's or end users' terminal has to be replaced.

i **IMPORTANT** When installation is complete, give the DataMatrix to the end user, who should keep it in a safe place away from the automation.

3. BOARD LAYOUT



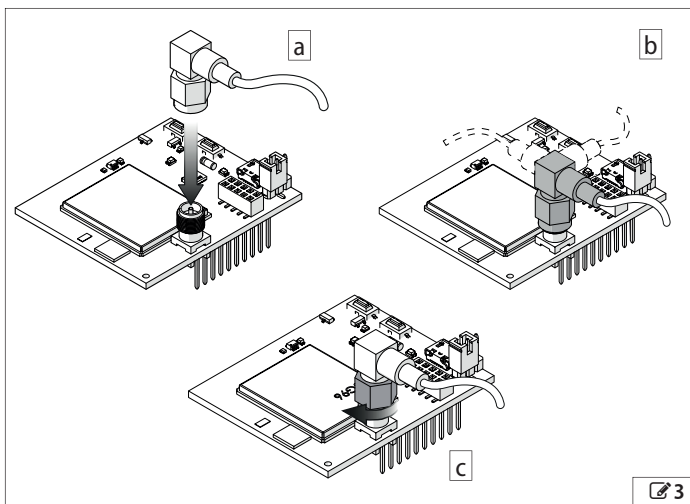
2 COMPONENTS

J6	Micro USB connector (external power supply)
J7	Power source selection jumper
SW1	Not used
SW2	RESET button (restarts the XMB / XMBX without having to restart the control board)
DL1 (blue)	3.3 V=== on
DL2 (green)	GSM communication status
DL3 (red)	GSM module status
DL4 (green)	Cloud Communication Status
DL5 (blue)	4.8 V=== on

4. INSTALLATION

4.1 INSTALLING THE ANTENNA

1. Insert the connector of the cable into the one of the board (🔧 3-a).
2. Arrange the cable so that it does not interfere with the control board (🔧 3-b) or other components.
3. Tighten the ring-nut (🔧 3-c).
4. Place the antenna as far away as possible to prevent interference.

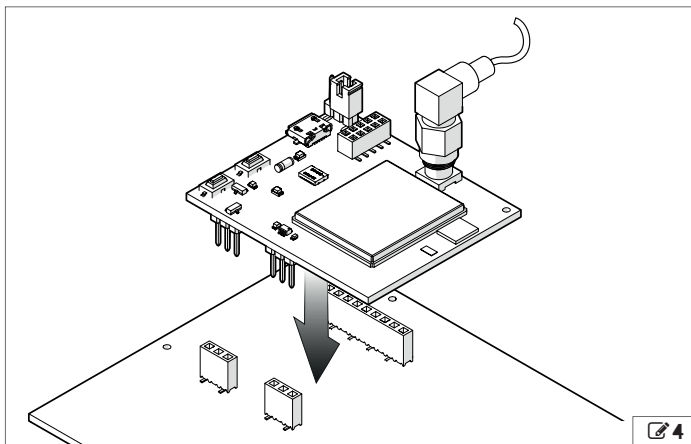


4.2 INSTALLING THE XMB / XMBX ON THE CONTROL BOARD

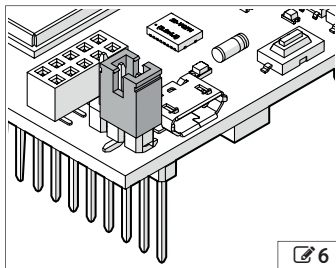
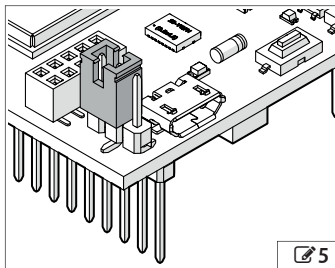


Switch off power to the automation before installing the XMB / XMBX on the control board. Turn power back on only after you have finished installing the device.

1. Insert the XMB / XMBX into the specific connector on the control board 4



If the load of the accessories on the control board does not allow the XMB / XMBX to be powered correctly, switch off power to the control board, move the jumper from position 5 (powered from control board) to position 6 (external power supply) and connect an external power supply of at least 2A / 5V --- to the XMB / XMBX using a Micro USB connector (J6).



2. Switch power on to the system and check the status of the LEDs.

Led DL1 (Blue) - 3.3V power supply / Led DL5 (Blue) - 4.8 V power supply

● **Power on**

○ No power

Led DL2 (Green) - GMS communication status

* **Searching for networks / not connected.**

● Connected (changes in status indicates that communication is taking place).

Led DL3 (Red) - GSM module power supply

● **Power on**

○ No power

Led DL4 (Green) - Cloud Communication Status

○ **Communication channel on control board not configured**

* (2 s) XMB / XMBX connected to the control board

* XMB / XMBX connected to the network, IP assigned

● XMB / XMBX connected to the Cloud platform

** (2 s) XMB / XMBX connected to the control board, connected to Bluetooth

* XMB / XMBX connected to the network, IP assigned, connected to Bluetooth

● (2 s) XMB / XMBX connected to the Cloud platform, connected to Bluetooth



The lines in bold indicate the status of the LEDs when it is first switched on

3. Configure the communication channel on the control board (parameter **I**), refer to the board instructions.

4.3 COMPLETING THE INSTALLATION

Install the Simply Connect PRO app that can be downloaded from the Google Play Store or from the Apple App Store.



Simply Connect PRO requires Android version 7.0 or later, and version 12.0 or later for iOS



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