

GENERAL INSTRUCTIONS

This manual is intended for technically qualified and trained installers.

Mottura Serrature di Sicurezza S.p.A. thanks you for choosing this product and reminds you:

- To read these instructions very carefully before installing this product and before doing any maintenance.
- That all assembly and connection procedures must follow good practice procedures and comply with current laws and standards.
- To NOT install this product in explosive rooms or atmospheres or in the presence of inflammable fumes/gases.
- DO NOT install this product on a door with risk of contact with water or atmospheric agents unless the door is adequately protected.
- To switch off the power supply and disconnect all live parts before doing any installation or maintenance work on the product. To take all possible precautions to eliminate the risk of electrical shock when performing installation or maintenance procedures described in this manual.
- That the installer must deliver these instructions and all of the maintenance instructions to the user.
- To keep these instructions for future reference and attach the sales receipt to validate the warranty.
- To contact authorized dealers only in case of problems.

Mottura Serrature di Sicurezza S.p.A. may change the characteristics of the products described in these instructions at any time and without notice.

WARRANTY TERMS

This product has been inspected by Mottura Serrature di Sicurezza S.p.A. and is guaranteed to be free of all manufacturing defects for the time specified by current Italian law, starting on the date of purchase indicated on the sales receipt. The warranty is in force if the sales receipt, showing details identifying the product, is exhibited to customer service personnel. The warranty covers the replacement or repair of parts found defective at origin due to manufacturing defects. Costs of shipping to and from service centres will be paid by the customer. In case of repeated malfunctions of the same type or unrepairable defects, Mottura Serrature di Sicurezza S.p.A. may, at its own discretion, replace the entire product.

The warranty on the replaced product will continue until expiration of the original warranty. If service work must be performed at the customer's premises, the customer shall – if requested – pay the authorised technical personnel travel expenses.

Risks related to product transportation shall be covered by the customer when shipped directly by the customer, and by the authorised technician when the product is picked up and shipped by the technician

LIMITS OF LIABILITY

The warranty does not cover damage deriving from:

- Negligence, carelessness or use in any manner not described in these instructions
- Failure to protect the device before doing any procedure that may generate scrap or waste (welding, drilling of panels, drilling of structure, etc.) that prevents its correct functioning
- Maintenance performed in any manner not described in these instructions or by unauthorised personnel
- Transport without the necessary precautions and from any circumstances that cannot be attributed to manufacturing defects.

In addition, Mottura Serrature di Sicurezza S.p.A. declines all liability for any damage to persons or property deriving from failure to observe all of the precautions described herein.

N.B. : All electrical connections and mounting operations as well as subsequent service operations must be performed with the product DISCONNECTED from the power supply system.



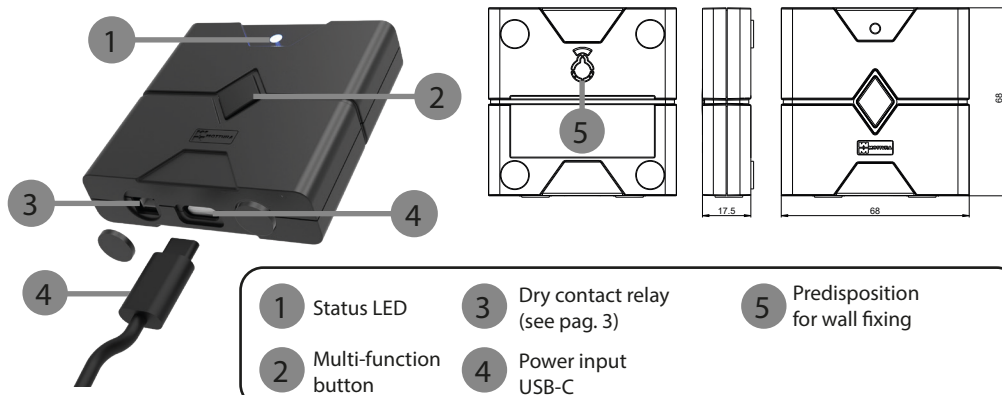
AVVERTENZE

The device contains a short-range radio frequency transmitter in the 2400÷2483.5 MHz frequency band and uses Bluetooth Low Energy (BLE) technology. Transmission power: 20mW. Restrictions on use: None. The permitted European band is classified in the ERC/REC 70-03 document as band b) of Annex 3: WIDEBAND DATA TRANSMISSION SYSTEMS. There are no restrictions on use in EU+EFTA countries for this band. Product compliant with RED Directive 2014/53/EU. Complete DoC: <https://www.mottura.it/it/download/certificazioni/doc>



THE DEVICE

The main function of this device is to allow the user to use and manage remotely their actuator (lock) of the Mottura bTECHNOLOGY range, as in proximity. The bBRIDGE will connect via Bluetooth (integrated) to the actuator and via Wi-Fi (integrated) to the home router.



TECHNICAL SPECIFICATIONS

- Manageable via bMOTTURA app.
- Guided pairing procedure on bMOTTURA app.
- Integrated Bluetooth® 5 (LE).
- Integrated Wi-Fi (802.11 b/g/n) 2.4GHz.
- Buzzer for various acoustic signals.

- Real-time display of the bBRIDGE status via application.
- **THE bBRIDGE CAN BE ASSOCIATED WITH A SINGLE LOCK VIA BLUETOOTH.**



N.B. It only works with 2.4GHz Wi-Fi networks. This is the basic Wi-Fi operating frequency of all routers on the market. The latest, most modern, dual-band routers also provide a 5GHz network, which is not compatible with bBRIDGE.



Pursuant to article 26 of Italian Legislative Decree no. 49 of 14 March 2014 "Implementation of EU Directive 2012/19 concerning waste electrical and electronic equipment (WEEE)" and article 9 of Italian Legislative Decree no. 188 of 20 November 2008 "Implementation of EC Directive 2006/66 on batteries and accumulators and waste batteries and accumulators" adequate waste sorting for subsequent sending of disposed equipment to recycling, treatment and environmentally compatible disposal contributes to avoiding possible negative effects on the environment and human health and promotes reuse and/or recycling of the materials composing the equipment.

Unlawful disposal of the product by the user may result in the application of penalties pursuant to current laws and regulations on the matter. We remind that batteries and power adapters, if present, must be removed before the device is disposed. Batteries and adapters must be collected and separately disposed.



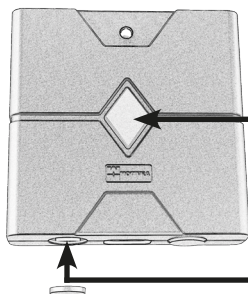
TECHNICAL DATA		
POWER SUPPLY	MAINS POWER	5V DC, 1A (max cable length: 3m) N.B. It is mandatory to use the power supply supplied with the product
RELAY SPECIFICATIONS	2.5A Max - 24V AC Max	
OPERATING TEMPERATURE	0 °C / + 50 °C	
IP PROTECTION RATING	NONE The device is not resistant to water and/or dust, so it must be installed in a protected environment	
DIMENSION	68x68x18mm	

INTERNAL RELAY



The device is powered by the mains, using a 5 V DC direct current power supply. **Any electrical connection to the device must be made without power supply.**

bBRIDGE is equipped with a relay which can be connected to an actuator via a dry contact (e.g.: intercom, electric strike, electromechanical lock).



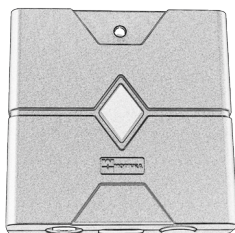
Button for manual activation of the relay.

Remove the adhesive cap to the left of the USB-C input and connect an actuator using the Mottura 99.701 cable (not supplied).



Example:
ADAPTER

24V AC Max



Example:
ELECTRIC LOCK

lock input
for opening 2,5A Max

MANAGEMENT MODE

Management mode allows you to change some administration configurations via the bMOTTURA app. To enter this mode, press and hold **button 2** (See page 2) and then power up the bBRIDGE. Then, go to the appropriate section of the bMOTTURA app, in Settings > Accessory management.

LED SIGNAL TABLE

LED STATUS	REPORTING
 Flashing GREEN	Routine behavior: Mottura Cloud reachable, Bluetooth lock detected nearby
 Steady GREEN	Cloud Mottura reachable, connection in progress with lock via Bluetooth
 Flashing YELLOW	Wi-Fi not connected/Router unreachable
 Steady YELLOW	Update in progress
 Flashing PURPLE	Connection error with Mottura Cloud
 Flashing RED	Generic error (check in application which error)
 STEADY BLUE	Active management mode, detectable from the bMOTTURA app
 Flashing BLUE	Management mode active, Bluetooth connection in progress with bMOTTURA app/Smartphone
Green, Yellow, Purple, Blue, Red	Factory condition

FACTORY RESET

RESET VIA APP (RECOMMENDED): ALTERNATIVELY, YOU CAN RESET THE DEVICE VIA THE bMOTTURA APP, FOLLOWING THE PROCEDURE INDICATED.

MANUAL RESET (EMERGENCY): Power the bBRIDGE via the connector  holding down the button , then release, then hold the button down for 5 seconds. A white LED signal follows that the reset has occurred, with a subsequent acoustic signal.



FIRST INSTALLATION

- Power the device via USB-C cable.
- Then follow the guided installation procedure within the bMOTTURA app.
- To manage this device, you will need to use the bMOTTURA APP All programming and management of Mottura bTECHNOLOGY BLE products is controlled directly via the Mottura application, with guided procedures during the various steps of programming the new devices.



scan the qr code to download the app



AVVERTENZE ALIMENTAZIONE

MAINS POWER SUPPLY: The MOTTURA adapter SUPPLIED IN THE PACKAGE has been subjected to the necessary tests in order to obtain certification according to the current regulations regarding immunity to electrical and electromagnetic disturbances, as well as for emissions towards the electrical network and towards the environment.

The maximum length of the USB power cable should be **3 meters**.

The device cannot be powered by batteries - It is mandatory to use the Mottura 99B0001006 power supply.

PACKAGING DISPOSAL		
		
External packaging PAPER	Paper documents PAPER	Internal envelopes PLASTIC



For correct disposal, check the provisions of your Municipality



safeguarding your security



www.mottura.it