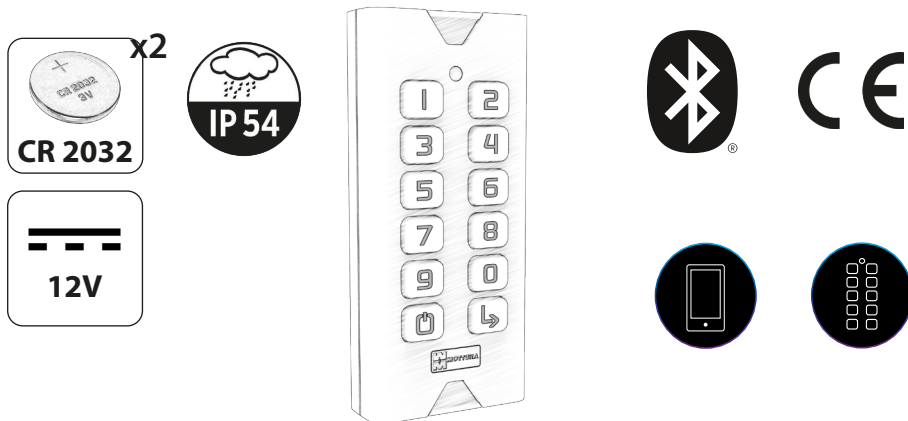


ESCUTCHEON WITH A NUMERIC CODE BLUETOOTH INSTALLATION AND USER MANUAL

Art. 99BGTN001 / 02 / 03 / 04



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.



safeguarding your security

MADE
IN
ITALY



WARNINGS

The device contains a short-range radio frequency transmitter in the 2402÷2480 MHz frequency band and uses Bluetooth Low Energy (BLE) technology. Transmit power: 0dBm. Restrictions on use: None. The permitted European band is included in the ERC/REC 70-03 document as band b) of Annex 3: WIDEBAND DATA TRANSMISSION SYSTEMS. There are no restrictions for use in EU+EFTA countries for this band. Product compliant with the RED Directive 2014/53/EU.

DoC completa: <https://www.mottura.it/it/download/certificazioni/doc>



POWER SUPPLY

BATTERY POWERED powered by 2 lithium batteries (non-rechargeable) mod. (CR2032)

MAINS via power supply 12V DC

VERSIONS

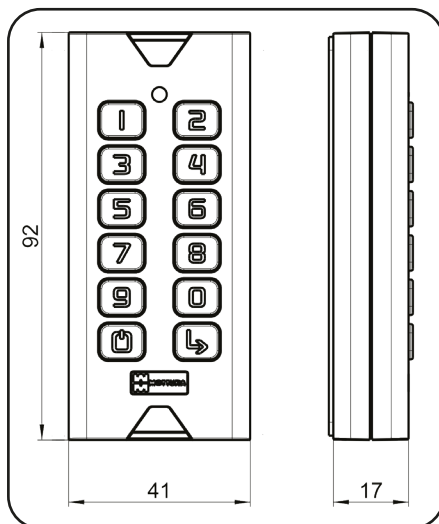
TO APPLY



RECESSED



DIMENSIONS



BATTERY VERSION
99BDGTN001

MAINS POWER VERSION
99BDGTN002

BATTERY VERSION
99BDGTNx03

MAINS POWER VERSION
99BDGTNx04




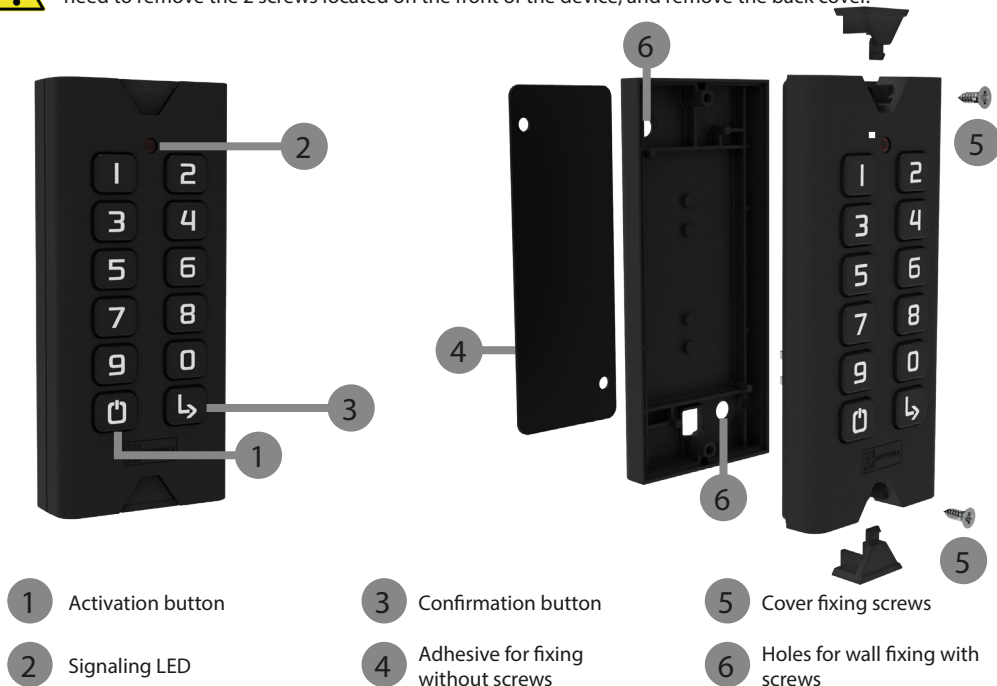
Pursuant to article 26 of Italian Legislative Decree no. 49 of 14 March 2014 "Implementation of EU Directive 2012/19 concerning waste electrical and electronic equipment (WEEE)" and article 9 of Italian Legislative Decree no. 188 of 20 November 2008 "Implementation of EC Directive 2006/66 on batteries 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.




THE ESCUTCHEON

 Attention, in order to access the battery compartment, or the holes provided for wall mounting, you will need to remove the 2 screws located on the front of the device, and remove the back cover.



TECHNICAL DATA

POWER SUPPLY	BATTERY VERSION	2X BATTERY CR2032 (INSERT IN THE CORRECT VERSION, SHOWN ON THE CIRCUIT)
	MAINS POWER VERSION	 12V DC N.B. The use of the Mottura power supply is mandatoryCod. 99.798 The power cable must not be spliced
NUMBER OF ASSOCIATED CODES	Max 100 codes (Totals on the actuation device)	
OPERATING TEMPERATURE	-20 C° / + 50 C°	
IP PROTECTION DEGREE	IP 54	
DIMENSIONS	Version TO APPLY (41x92x17mm)	
	Version with RECESSED escutcheon (55x122x19,4mm) Hole dimensions for recessing 50 x 98mm	

INSTALLATION

Identify the area where you want to install the Bluetooth emblem.

The installation point closest to the receiver is not necessarily the one that allows for the best quality transmission. For correct operation of the system, after pairing via smartphone, use the signal check mode (4) to identify the best installation point. In this mode, the higher the frequency of the LED flashes, the greater the intensity of the Bluetooth signal. Furthermore, a green flash is a high quality signal, while a red one is a low quality one.

N.B.

It is also advisable to make some test openings before definitively positioning the keyboard. The ideal response time from sending the command to activating the lock should be approximately 1-2 seconds.

POWER WARNINGS













BATTERY POWERED: Battery life can be influenced by the type of use and by various external factors, even independent of the operation of the device. Humidity, extreme temperatures and intensive use are certainly causes of premature battery discharge.

!ATTENTION!: Exhausted batteries are harmful to the environment, follow the disposal procedure as indicated by the regulations on PAGE 2

MAINS POWER SUPPLY: If a MAINS power supply is used, the use of the MOTTURA adapter/transformer (art. 99.798) sized for the use for which it was intended will be mandatory. The MOTTURA adapter has been subjected to the necessary tests in order to obtain certifications according to current regulations regarding immunity to electrical and electromagnetic disturbances, as well as emissions towards the electricity grid and the environment.

FUNCTIONS and PROGRAMMING

#	FUNCTION	PROCEDURE	(LED Color) NOTE
1	OPENING COMMAND	 → NUMERICAL CODE →  N.B. Pressing  you can start typing the code again	● = Connection in progress ● = Communication OK ●● x2 = Connection failed ●● x2 = Unauthorized user
2	CLOSING COMMAND	 → 	Not available with bOPEN actuator
3	LOCK ASSOCIATION VIA SMARTPHONE (Requires bMottura app)	Keep pressed  until the LED becomes ● To exit pairing mode, press  until it turns off.	Lock association, code storage, code deletion, time slot management are managed via the bMOTTURA app.
4	BLUETOOTH SIGNAL STRENGTH CHECK MODE	Enter smartphone connection mode (point 3) and then press 	Faster flashing + Signal Slower flashing - Signal
5	FACTORY RESET WITHOUT USING THE APP	 →  X 3 TIMES Wait for the blue and red flashes between one command and another.	Procedure to be carried out in proximity, valid only in a lock previously associated with the escutcheon and reset at a later time.

DEVICE MANAGEMENT VIA bMOTTURA APP



To manage this device, the use of the bMOTTURA APP will be necessary. 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. ACCESS CONTROL management is integrated within the App.



scan the qr code to
download the app

MAINS VERSION POWER CONNECTION

Remove the 2 screw covers located on the front of the device (7), use a screwdriver to unscrew the 2 screws (5), separating the front from the back. Then connect the power cable (99.803) into the appropriate connector on the electronic board (8). Before fixing the screws for the wall support, make sure you have passed the power cable through the appropriate exit hole (9) from the escutcheon.

The device can be powered by the mains, using a 12V direct current power supply, **any electrical connection with the device must be carried out without power.**



BATTERY REPLACEMENT

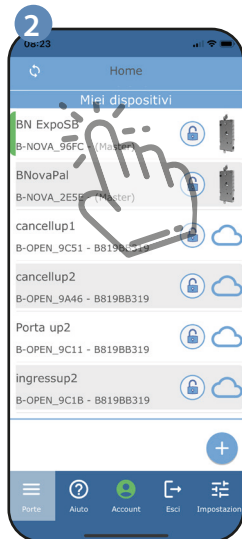
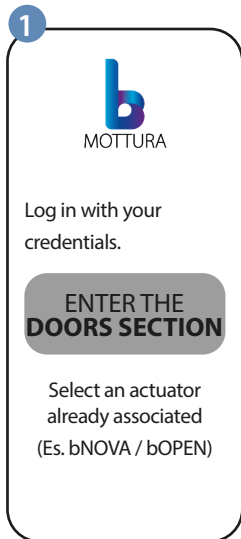
Remove the 2 screw covers located on the front of the device (7), use a screwdriver to unscrew the 2 screws (5), separate the front part from the rear part and then remove the batteries by levering on the side part (10). After removing the used batteries, insert the new ones paying attention to the polarity + / - .



FIRST ASSOCIATION VIA APP

This procedure is used to associate the bDIGIT escutcheon with an actuator from the bTECHNOLOGY range.

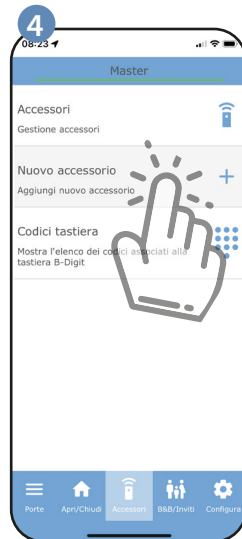
N.B. It is advisable to carry out all programming procedures with the door open



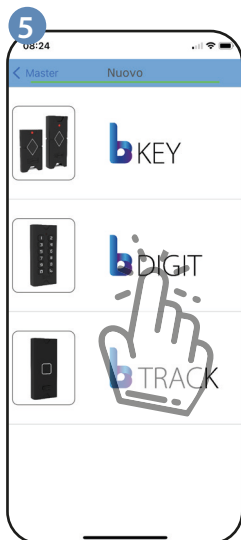
Select the device to which you want to pair the escutcheon.



Select the "Accessories" item



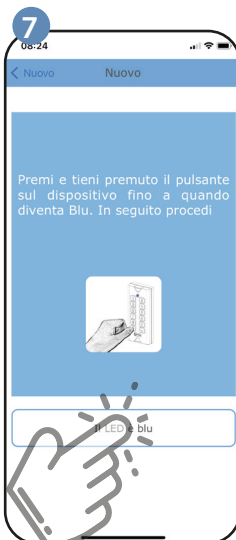
Select the "New Accessory" item



Select the device you want to add to the lock



Give a name to the accessory that will be combined



Follow the guided procedure shown on the smartphone display

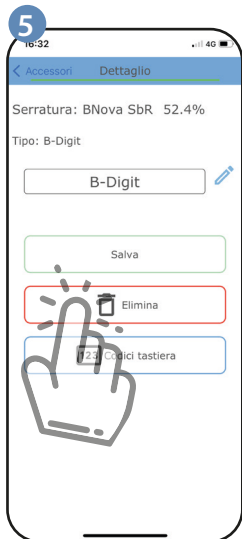
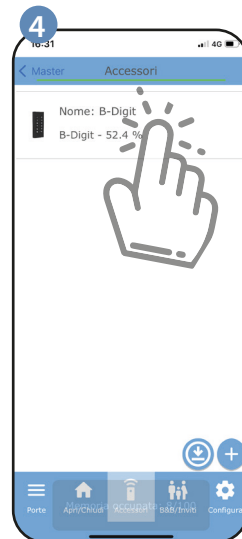
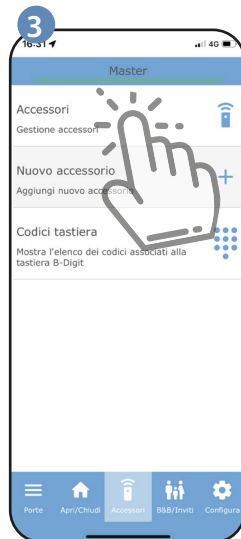
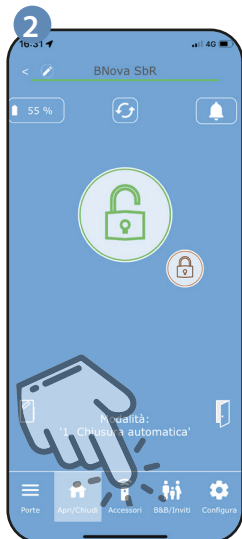
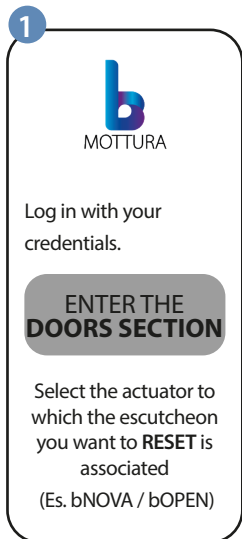


To manage the keyboard codes you will need to follow the steps

2 3 8

RESET ESCUTCHEON VIA APP

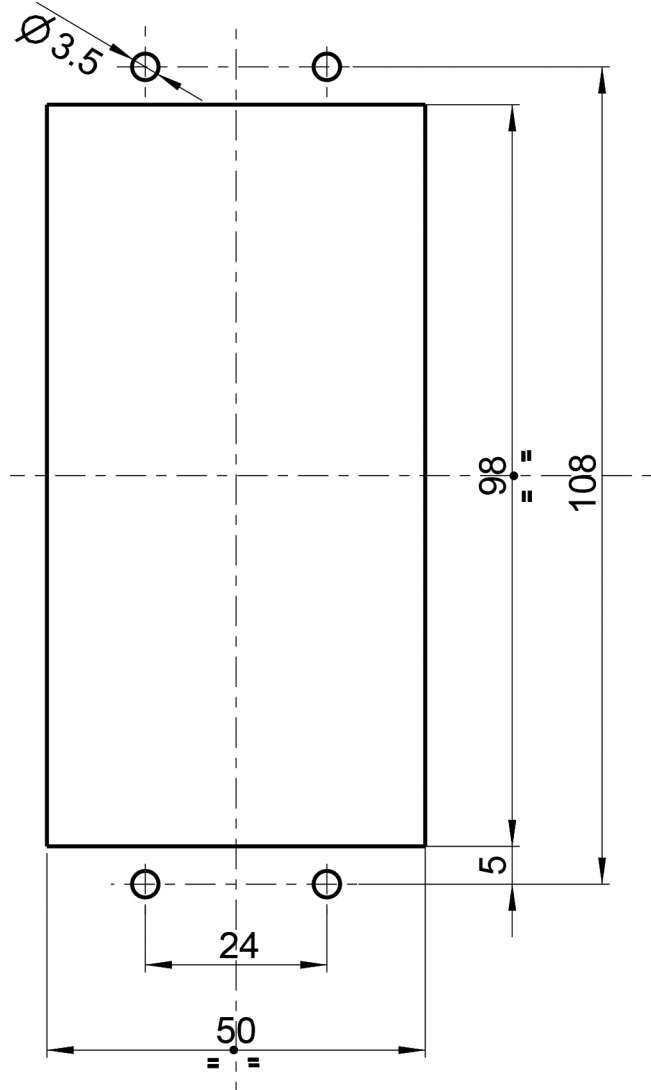
N.B. - To prevent the bDIGIT keyboard from being used by others in the event of theft, the reset of this device must be carried out only by the **MASTER** user via the bMOTTURA app and only if in proximity to the associated lock.






* Select NO only if the escutcheon is no longer usable or is no longer present near the door. Carefully read the instructions in the app before confirming the procedure.

TEMPLATE FOR RECESSED VERSION

GRAPHIC SCALE 1:1



PACKAGING DISPOSAL		
 20 PAP	 22 PAP	 04 LDPE
External packaging PAPER	Paper documents PAPER	Inner envelopes PLASTIC



For correct disposal, check the provisions of your municipality



safeguarding your security

COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV
ISO 9001 • ISO 45001

www.mottura.it