# ESCUTCHEON WITH BLUETOOTH FINGERPRINT
# INSTALLATION AND USER MANUAL
# Art. 99BTRKN001 / 02 / 03 / 04

**b TRACK**

x2
CR 2032

IP 54

12V
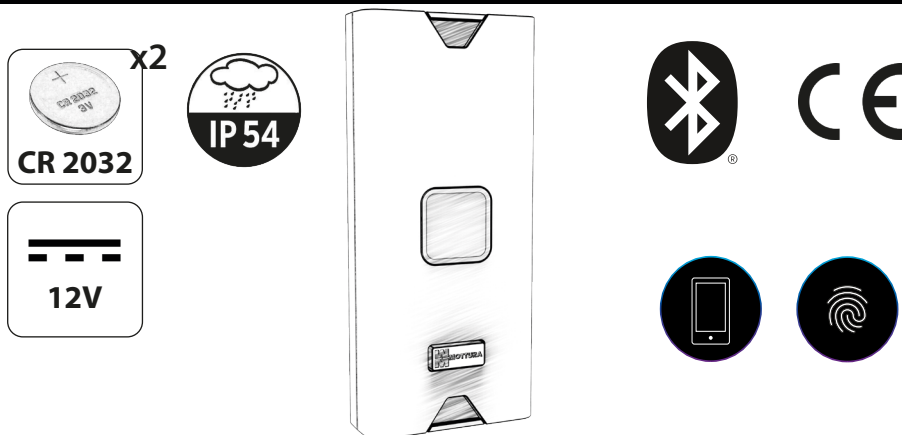
## GENERAL INSTRUCTIONS
This manual is intended for technically qualified and trained installers.
Mottura Serrature di Sicurezza S.p.A. thanks you for choosing this product and reminds you:
- To read these instructions very carefully before installing this product and before doing any maintenance.
- 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.**

MADE
IN
ITALY

**MOTTURA**

*safeguarding your security*

## ⚠ 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

RECESSED

DIMENSIONS

TO APPLY



92

41    18
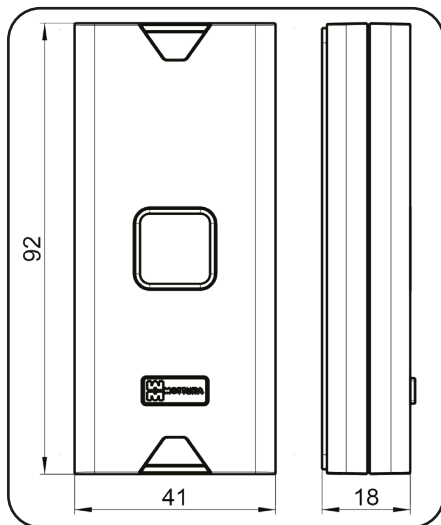
| BATTERY VERSION 99BTRKN001 | BATTERY VERSION 99BTRKNx03 |
|---|---|
| MAINS POWER VERSION 99BTRKN002 | MAINS POWER VERSION 99BTRKNx04 |

*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.*

CE

**MOTTURA**

## 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.
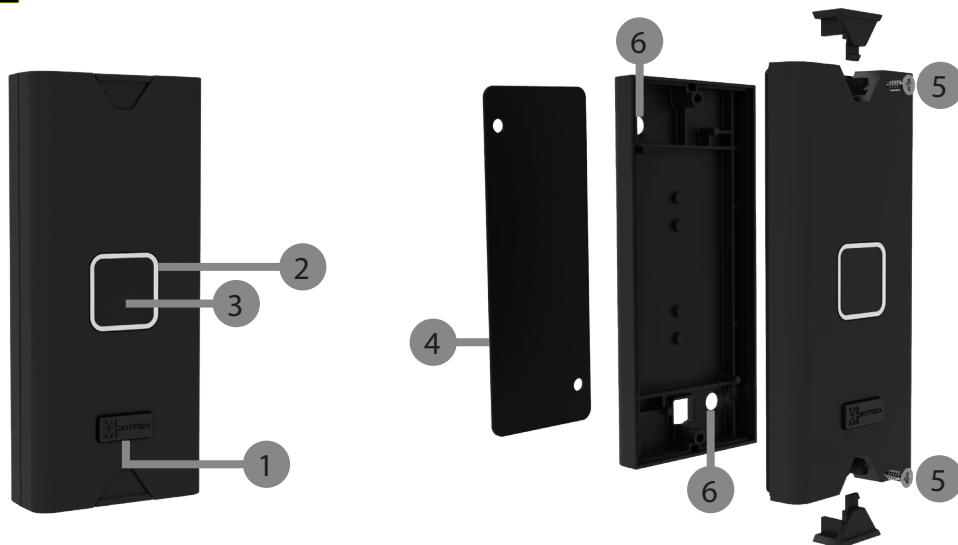


| | | | | | |
|---|---|---|---|---|---|
| **1** | Activation button | **3** | Fingerprint reader | **5** | Cover fixing screws |
| **2** | Signaling LED | **4** | Adhesive for fixing without screws | **6** | Holes for wall fixing with screws |

| 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 mandatory**Cod. 99.798 **The power cable must not be spliced** |
| NUMBER OF ASSOCIATED FINGERPRINTS | Max 100 fingerprints (**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* | |


MOTTURA

## INSTALLATION

Identify the area in which you want to install the Bluetooth escutcheon. The installation point closest to the receiver is not necessarily the one that allows for the best quality transmission.

**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 | SEQUENCES | (LED COLOR) NOTE |
|---|---|---|---|
| 1 | OPENING COMMAND | PLACE A REGISTERED FINGER ON THE SENSOR  3 → **N.B. See diagram \*\*\* for finger placement on sensor** | 🟡=Imprint ok connection in progress<br>🟢=Communication OK<br>🔴= Unrecognized footprint<br>🔴🟡= Connection failed<br>🔴🔵= Unauthorized user |
| 2 | CLOSING COMMAND | Press the lower button once  1 → | **Not available with bOPEN actuator** |
| 3 | LOCK ASSOCIATION VIA SMARTPHONE (Requires bMOTTURA app) | Hold down the button  1 → <br>until the LED becomes. 🔵<br>To exit pairing mode, press ▭ until it turns off. | Lock association, fingerprint storage, fingerprint deletion, time slot management are managed via the bMOTTURA app. |
| 4 | FACTORY RESET WITHOUT USING THE APP | Press the lower button 3 times  1 → <br>**Wait for the blue and red flashes between each command.** | **Procedure to be performed in proximity, valid only in a lock previously associated with the escutcheon and reset at a later time.** |

| VERTICAL ANGLE | HORIZONTAL ANGLE | CENTERING |
|---|---|---|
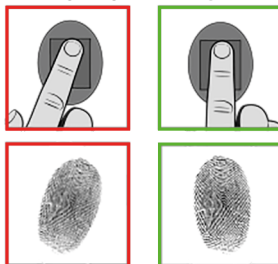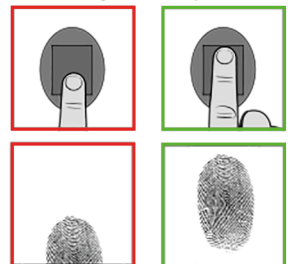
**MOTTURA**

## DEVICE MANAGEMENT VIA 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 through the Mottura application, with guided procedures during the various steps of programming the new devices. ACCESS CONTROL management is integrated within the App.**

Download on the **App Store**

GET IT ON **Google Play**

scan the qr code to download the app

## POWER CONNECTION MAINS VERSION

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

The device can be powered by the mains, using a 12V DC power supply. Any electrical connection to the device must be made without power. ⚠️
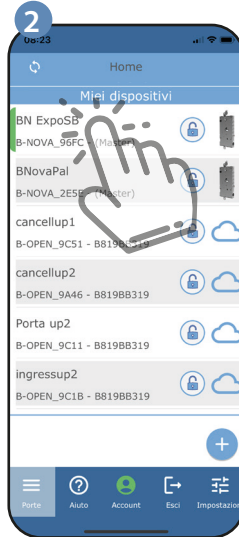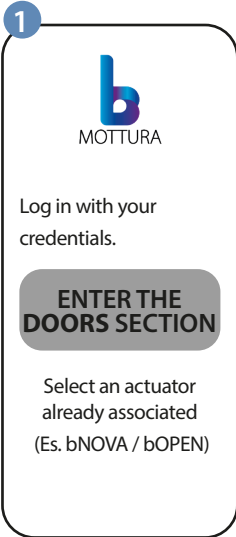
## BATTERY REPLACEMENT

Remove the 2 screw covers located on the front of the device  7 , using a screwdriver unscrew the 2 screws , 5  separate the front part from the back part and then remove the batteries by levering the side part  10 . After removing the exhausted batteries, insert the new ones paying attention to the polarity + / - .
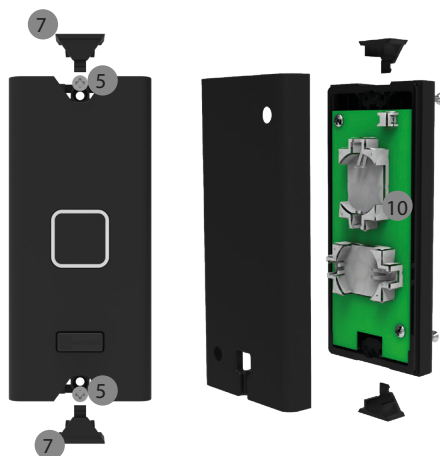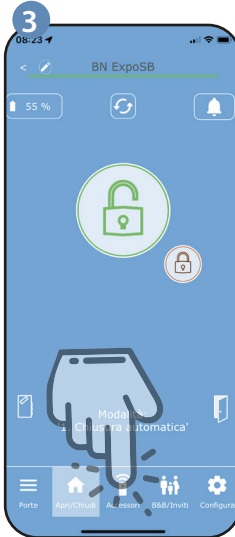
## FIRST ASSOCIATION VIA APP

This procedure is used to associate the bTRACK badge with an actuator from the bTECHNOLOGY range.
**N.B. It is recommended to carry out all programming procedures with the door open.**

**1**



MOTTURA

Log in with your credentials.

**ENTER THE DOORS SECTION**

Select an actuator already associated
(Es. bNOVA / bOPEN)

**2**



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

**3**



Select the "Accessories" item

**4**



Select the "New Accessory" item

**5**



Select the device you want to add to the lock

**6**
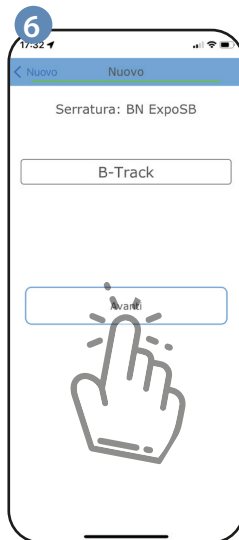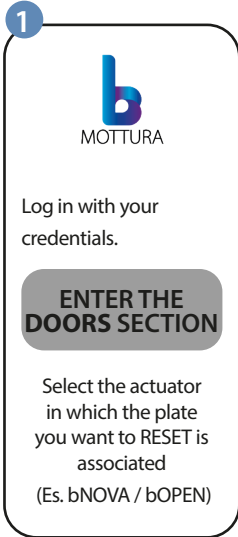


Possibility to rename the accessory that will be paired
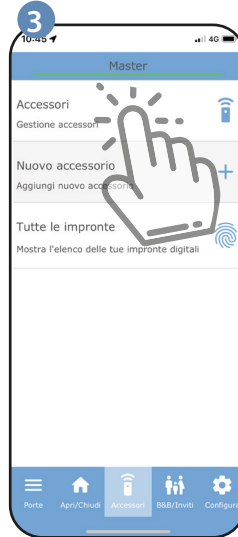
**7**
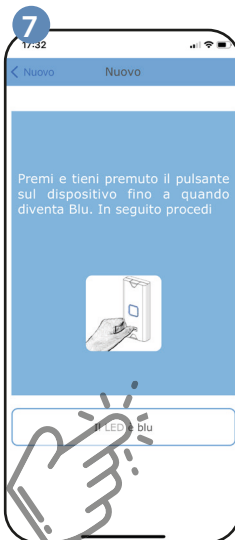


Follow the wizard shown on your smartphone display

**8**
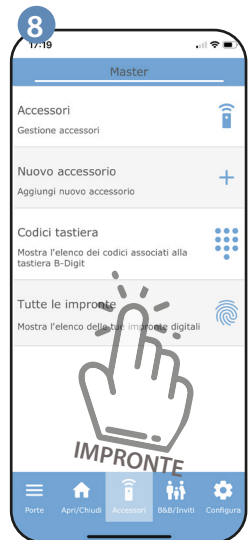


To manage the escutcheon prints you will need to follow the points **2** **3** **8**
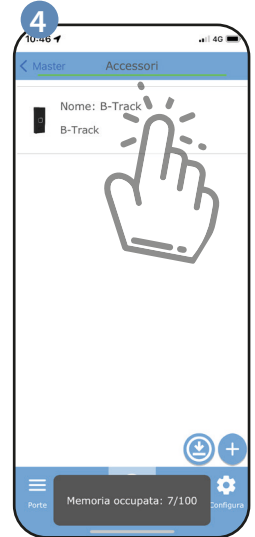
# bTRACK

## RESET DISPLAY VIA APP

**N.B.** - **To prevent the bTRACK 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.**
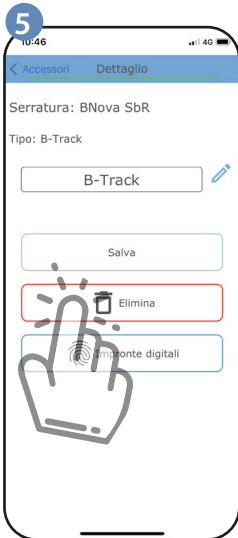
**1**

MOTTURA

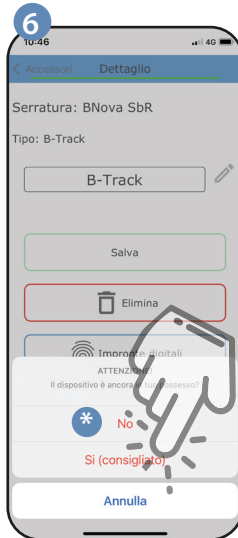Log in with your credentials.

**ENTER THE DOORS SECTION**

Select the actuator in which the plate you want to RESET is associated

(Es. bNOVA / bOPEN)

**2**

Select the accessories item

**3**

Select the "Accessories" item

**4**

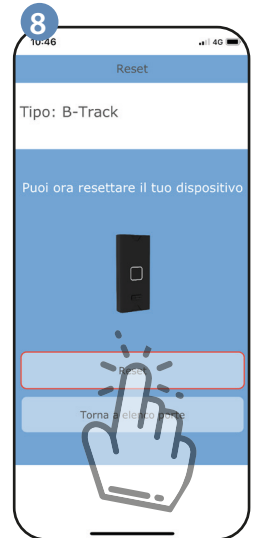Select the display to reset

**5**

Select the Delete item

**6**

Select Yes (recommended)

**7**

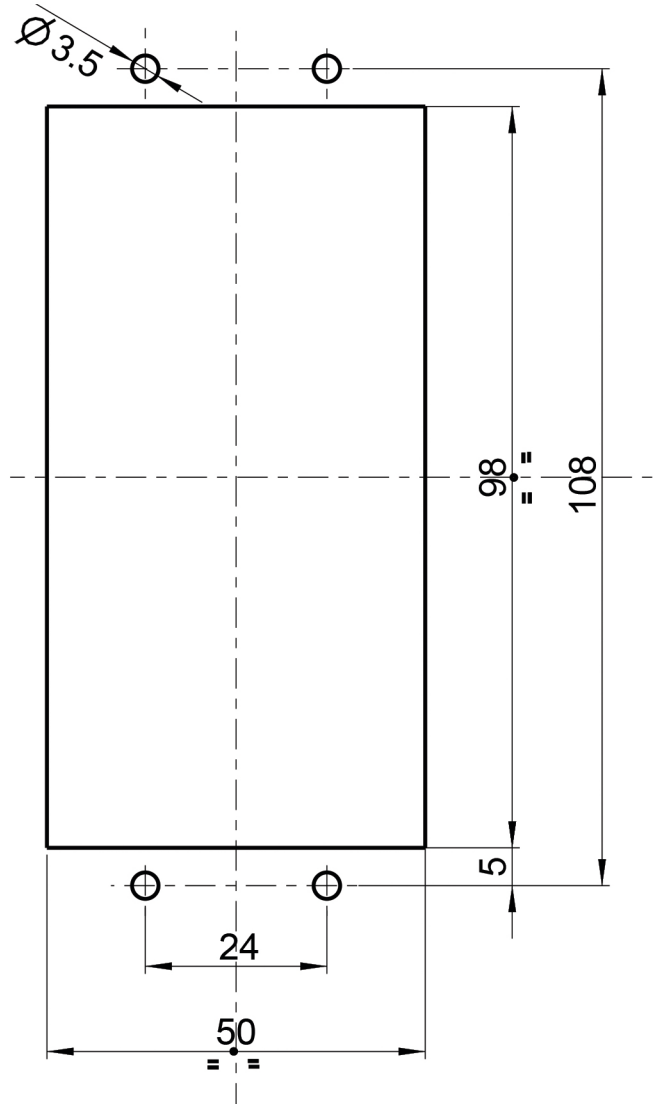Follow the procedure indicated by the App

**8**

Select Reset to complete the procedure

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

MOTTURA

## TEMPLATE FOR RECESSED VERSION

SCALA 1:1

Ø 3.5

98
108
5
24
50

| PACKAGING DISPOSAL | | |
|---|---|---|
| 20 PAP | 22 PAP | 04 LDPE |
| Outer packaging PAPER | Paper documents PAPER | Inner envelopes PLASTIC |

For correct disposal, check the provisions of your Municipality

**MOTTURA**
safeguarding your security

www.mottura.it