

English

Installation and Operating Instructions for the Blucon Bluetooth Button

Type No. 456BT

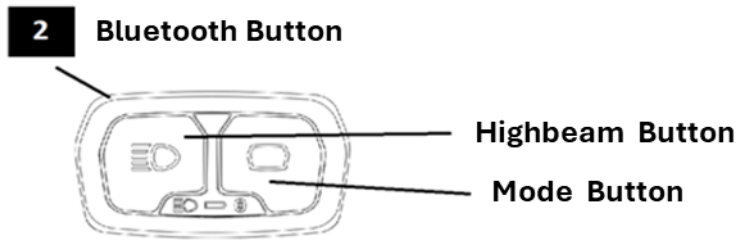


Table of Contents

1. General Information
2. Package Contents
3. Safety Information
4. Legal Information
5. Technical Specifications
6. Installation
 - 6.1. General Installation Instructions
 - 6.2. Installation and Connection of the Blucon Bluetooth Button
 - 6.3. Battery Replacement for the Blucon Bluetooth Button
7. Operation and Functions of the Blucon Bluetooth Button
8. Functions & App
9. Additional Notes
10. Liability

Installation and Operating Instructions for the busch+müller Blucon Bluetooth Button.

1. General Information

These instructions are intended for users with knowledge and experience in assembling and installing bicycle components. Special tools are required for this. If you do not know how to assemble or install bicycle components or do not have the appropriate tools, please contact a bicycle specialist to have this work performed properly. If the components are assembled or installed improperly, it can lead to a fall resulting in serious injury. Please read and follow these instructions carefully and keep them for future reference.

busch+müller offers a diverse product portfolio of bicycle lights. Not every light is suitable for every application or for riding on every type of surface. There are limitations here. If you are unsure which type of bicycle light you need, you can either call our service hotline at +49 2354 915-7111, send an email inquiry to service@bumm.de, or ask a bicycle dealer near you for advice.

2. Package Contents

Bluetooth button Blucon | Optional button holder and rubber ring | User manual | CR2032 battery

3. Safety Information

This manual uses signal words to indicate potential hazards or important information. The meanings of these signal words are listed below:

[WARNING] Describes a hazardous situation that could result in death or serious injury if not avoided.

[CAUTION] Refers to information that is important but does not indicate a hazard (e.g., information regarding property damage).

The **[!]** symbol indicates other useful information about your new bicycle component.

4. Legal Information

Before riding your bicycle on public roads, you must familiarize yourself with the applicable laws and regulations of your country and local ordinances and always comply with them. In Germany, you can find these in the Road Traffic Regulations; outside Germany, in other sources, depending on your location.

In Germany, the following is required: If the Blucon Bluetooth button [2] is used to control a turn signal or to operate a high-beam function, it must be mounted in such a way that the hand does not have to be removed from the handlebars to operate it.

Additionally, in Germany, when used in conjunction with a high-beam function, the high beams must always be able to be turned off with a brief press of the high-beam button.

5. Technical Specifications

Dimensions of the Blucon Bluetooth Button:

Height: 205 mm | Length: 321 mm | Width: 503 mm | Weight: 27 g

Battery: Button cell (CR2032)

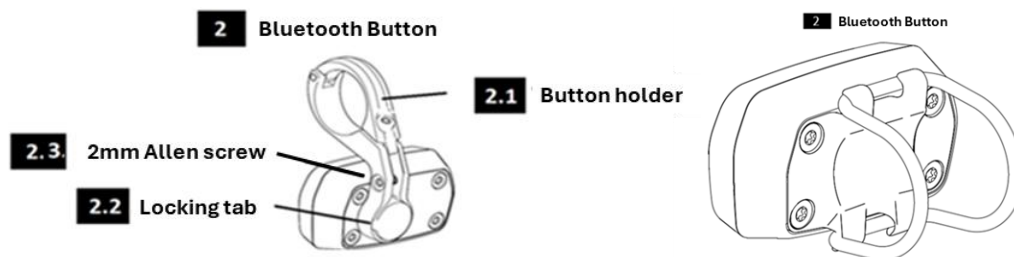
6. Installation

6.1. General Installation Instructions

[CAUTION] Never mount brackets on tapered components!

Tighten screws only enough to prevent components from shifting on their own. This is particularly important when riding on uneven terrain.

6.2. Installation and Connection of the Blucon Bluetooth Button



Securely mount the Bluetooth button [2] on the handlebars using the included button holder [2.1] or the supplied rubber ring, ensuring it is easily accessible so that it can be operated without taking your hand off the handlebars. Mounting with the button holder [2.1] is possible on handlebars with a diameter of 22.2 mm. Mounting with the rubber ring is possible on handlebars with a diameter of 22 to 32 mm.

Mounting with button holder [2.1]:

[!] To ensure the Bluetooth button [2] adapts to the specific layout of the cockpit, it can be adjusted or rotated to always guarantee easy access.

To do this, loosen the 2 mm Allen screw [2.3] on the button holder [2.1] (TX 10), rotate the Bluetooth button so that the locking tab [2.2] is positioned in front of the opening of the button holder, and slide the Bluetooth button out of the button holder. To do this, the button holder

must be opened at least far enough so that the locking tab can be pushed through the button holder.

Now the Bluetooth button can be rotated 180° and reinserted into the button holder.

Before tightening the clamping screw again, ensure that the locking tab is positioned behind the button holder to prevent the Bluetooth button from slipping out of the button holder.

As soon as the battery in the Bluetooth button [2] drops below 10% capacity, an LED in the Bluetooth button [2] flashes red and the high beam function can no longer be activated. Replace the battery immediately. See “Replacing the Bluetooth Button Battery”

If the Bluetooth button [2] needs to be replaced or a button does not connect automatically, the button information stored in the headlight must be deleted. The easiest way to do this is via the app in the “Button Configuration Window” menu using the “Disconnect Button from Headlight” command. See also “8.5. busch+müller App”.

If the Bluetooth button [2] is not connected to a headlight for 30 seconds, it enters power-saving mode. Pressing a button activates the Bluetooth button [2] and causes it to attempt to connect to a headlight. This first press of the button to connect does not yet trigger any function on the headlight.

[!] To ensure the best possible Bluetooth connection, the headlight and Bluetooth button [2] should be mounted so that as few components as possible are located between the two devices.

[!] If the connection between the headlight and the Bluetooth button [2] is lost, any high-beam function that may be active will automatically turn off.

6.3. Battery Replacement for the Blucon Bluetooth Button

If the battery in the Bluetooth button [2] needs to be replaced, the Bluetooth button can be detached from the button holder [2.1].

To do this, loosen the 2 mm Allen screw [2.3] on the button holder (TX10), rotate the Bluetooth button so that the locking tab [2.2] is positioned in front of the opening, and slide the Bluetooth button out of the button holder. To do this, open the button holder at least far enough so that the locking tab can be slid through the button holder.

Loosen the four screws on the back of the Bluetooth button and remove the back cover as well as the flat gasket of the Bluetooth button.

To remove the coin cell (CR2032), insert a flat object into the square recess and carefully lift the coin cell.

Slide the new button cell under the two brown retaining corners and press it in.

When replacing the button cell, make sure that the flat gasket is returned to the correct position before reassembling and screwing the Bluetooth button [2] back together.

[!] The flat gasket and the housing of the Bluetooth button [2] are not symmetrical and therefore only fit together in one correct orientation.

Reinsert the Bluetooth button [2] into the button holder [2.1] and retighten the 2 mm Allen screw [2.3] of the button holder (TX 10) so that nothing shifts.

Before retightening the screw on the button holder, ensure that the locking tab [2.2] is positioned behind the button holder [2.1]. This secures the Bluetooth button [2].

7. Operation and Functions of the Blucon Bluetooth Button

The buttons are factory-set with the following functions:

A potential high-beam function is turned on or off by briefly pressing the button. When the high beams are on, the button's LED glows blue.

The high-beam function must not be used if it could blind other road users. Remember to switch to low beam in good time!

The Blucon Bluetooth button is designed for a wide range of busch+müller products and can be used individually.

For the functions of the respective products, please refer to the user manual of the product to be controlled.

You can find these at www.bumm.de or contact our service department (service@bumm.de/+49 2354 915-7111).

8. Functions & App

The Blucon Bluetooth button is designed for a wide range of busch+müller products and can also be customized via the app.

For information on the app's functions for the respective products, please refer to the user manual for the product you wish to control.

You can find these at www.bumm.de or contact our service department (service@bumm.de/+49 2354 915-7111).

Depending on the headlight, various features are available that can be customized.

9. Additional Notes

Cleaning: Protect mounted components from high-pressure water jets.

For example, never point a water hose or high-pressure cleaner directly at the busch+müller component.

Transport: If you transport your bicycle by car in the rain, cover busch+müller components with a plastic bag, for example, to protect them from moisture ingress.

Disposal: Electronic components do not belong in household trash but must be disposed of as hazardous waste.

Repairs: In case of defects, please contact your bicycle dealer or our service department at service@bumm.de or by phone at +49 2354 915-7111.

NOTICE:

This device complies with Part 15 of the FCC Rules and contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTICE:

Changes or modifications made to this equipment not expressly approved by busch+müller may void the FCC authorization to operate this equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: This device has been evaluated and found to comply with FCC and ISED RF exposure requirements for portable use. Do not disassemble, modify, or damage the device, as doing so may affect compliance with RF exposure requirements.

10. Liability

Damage resulting from improper handling (e.g., dropping the product, insufficiently secure mounting and its consequences, immersion in water or other liquids, etc.) is excluded from the warranty. The warranty also expires if the product is opened.

We hope you enjoy your busch+müller product and wish you safe riding at all times!

Spare parts are available in our spare parts shop at www.bumm-shop.de

Subject to technical changes.

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