# MUSE-R SB12 Service Call Button User Guide

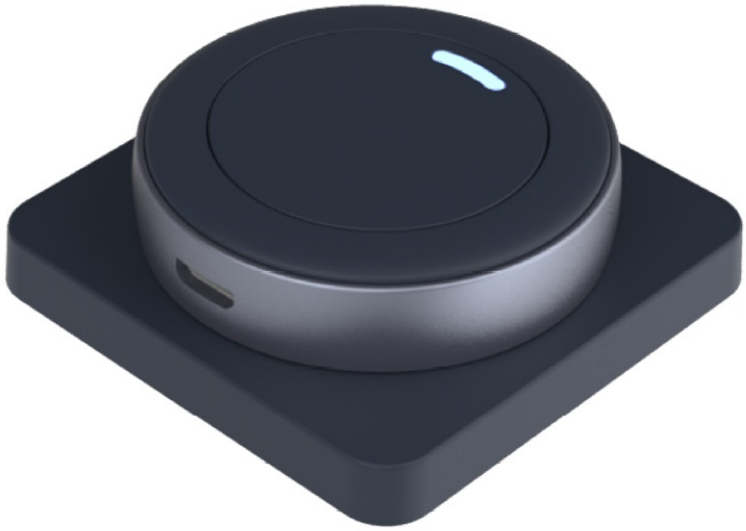


Contents

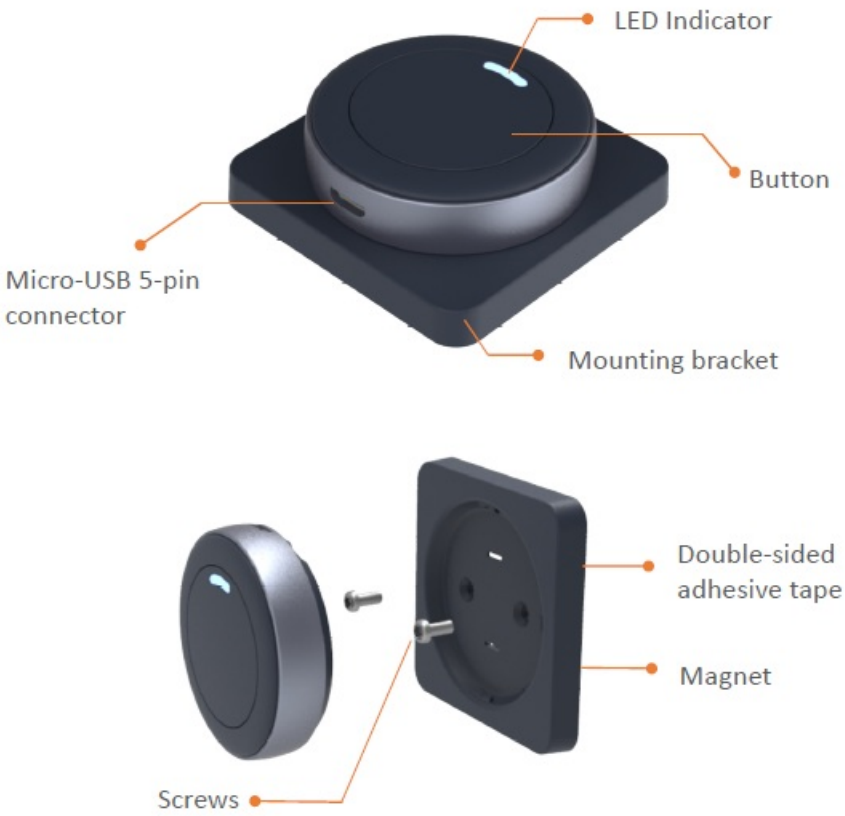


MUSER

**MUSE-R SB12 Service Call Button**



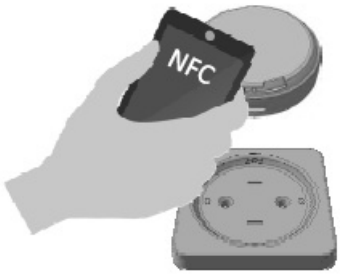
## Appearance




## Feature

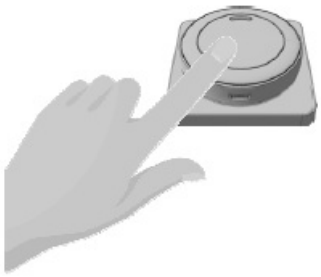
- A stationary button for service call with desk/wall mounting bracket
- Simple & user-friendly design for a wide range of applications
- Equipped with a rechargeable battery with micro-USB connector
- Great convenience for customer service orders (consumer goods, office supplies, food, taxi, staff call, call back service, parcel pickup)
- Preventive security and maintenance solutions for your business

## Turning the power on



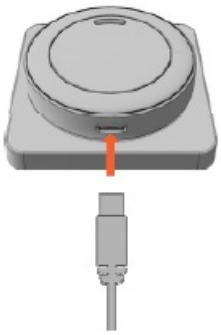

Activate NFC on your phone and tag it on to the bottom of your device. The indicator light will flash red when the device is powered on.

## Sending message



When the button is pressed, the indicator light flashes red and the device sends a message.

## Charging the battery



When the battery level is low, the red LED blinks twice every 5 seconds.
To charge :

1. Plug the small end of the USB charging cable into the micro-B USB connector on your device.
2. Plug the other end into a USB wall charger or computer that is powered on.
3. Plug the small end of the USB charging cable into the micro-B USB connector on your device.
4. Plug the other end into a USB wall charger or computer that is powered on.

## Safety Instruction

**IMPORTANT:** Please read and comply with all of the instructions provided in this manual before using the device. Failure to comply with the instructions given in this manual and/or using the device in ways other than the ones mentioned in this manual may result in serious injury and/or damage the product.

- Do not use while it is charging.
- Do not drop, knock, or shake the device.
- Do not disassemble as it may cause malfunctions.
- Do not use the device in corrosive liquid or excessive heat environment.
- Keep the device more than 20cm away from the human body during use.
- Long time (more than 3 months) storage: If the device is stored for a long time, the battery's storage voltage should be 3.6~3.9V and the battery is to be stored in a condition as Temperature 15~35 ℃, Relative Humidity 45~85% RH, Atmospheric Pressure 86~106 KPa. Also, it is recommended to charge the battery every six months.

## FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority 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.

This device complies with part 15 of the FCC Rules. 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.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**FCC RF Radiation Exposure Statement:**
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## Device Specifications

| | |
|---|---|
| Model Number | SB12 |
| MCU | 32-bit Arm® based Cortex®-M0, 256KB Flash |
| Connectivity | Sigfox RC 2 Uplink Class0u (>20dBm EIRP) / Bluetooth LE 5.0, NFC |
| Positioning | Sigfox geolocation |
| Operation Temp | -20 ~ 50 ℃ |
| User Interface | LED indicator & Push Button |
| Mechanical Casing | IPX4, PC/ABS Housing |
| Battery | Rechargeable 3.7V Lithium Ion Cell |
| Accessories | Mounting Bracket |
| Dimensions | R 43 x H 14.5 mm, 21.2g |

## Customer Support

Address : 165 North Archer Avenue Mundelein, IL 60060, USA Mobile : 1-224-619-6579
Email : iot@amosense.com
Web : www.amosenseiot.com

## Documents / Resources

| | |
|---|---|
|  | MUSE-R SB12 Service Call Button [pdf] User Guide<br>SB12-SO, SB12SO, 2AS9T-SB12-SO, 2AS9TSB12SO, SB12, Service Call Button |

## References

- AMOSENSE IoT