

# BREMI

GERMAN TECHNOLOGY SINCE 1927

# *Led buzzer*

# *WiFi portable*



## User's Manual

Technologie für Sicherheit – Technology for Safety

## Thank you for choosing a BREMI product

The **Led/Buzzer on Board** device enables remote replication (via Wi-Fi) of the visual and audible indications of EV-SAFE and EV-SAFE Rescue, depending on the current security status.

The use of Led/Buzzer on Board (Art. EVSLED03) is restricted to qualified personnel.

This product is designed exclusively as an accessory for EV-SAFE and EV-SAFE Rescue devices.

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## LED/BUZZER WIFI PORTABLE - EVSLED03



The function of **Led/Buzzer on Board** is to remotely replicate the visual and audible indications of the safety status of EV-SAFE and EV-SAFE Rescue devices. The typical range for receiving the Wi-Fi signal generated by EV-SAFE is that of a standard Wi-Fi network under optimal conditions in an open field: ca. 20m.

## WARNING !

Led/Buzzer on Board is compatible with EV-SAFE and EV-SAFE Rescue devices updated with **firmware version 1.44 or higher** (check compatibility and update firmware, if necessary, by following the instructions).

The function of this device is intended for monitoring purposes only as an indication, as Wi-Fi network conditions may affect the detection and maintaining connection with EV-SAFE and EV-SAFE Rescue devices. For safety's sake, it is always recommended to check the visual/sound signal directly at the source.

## TURN ON, TURN OFF, POWER SUPPLY AND CHARGING

**TURN ON:** touch the central (touch) button identified by the ON-OFF symbol once. When Led/Buzzer on Board is turned on (if the battery is at least 25% charged), the **blue** LED will remain steady on, while the flashing light scans for EV-SAVEs in the vicinity. When Led/Buzzer on Board detects at least **one EV-SAFE turned on**, the flashing light switches to green/red depending on the status of the EV-SAFE detected; if there are more than one EV-SAFE turned on at the same time (and at least one or more EV-SAFEs are in an ALARM state), Led/Buzzer on Board will also produce an ALARM signal, ignoring all EV-SAFEs devices that may be in a safe state.

**AUTO-OFF:** if Led/Buzzer on Board does not detect any EV-SAFE turned on nearby, it will turn itself off after a maximum time of about **60s**.

When Led/Buzzer on Board is connected with at least one EV-SAVE, the flashing light keeps the monitoring active all the time without ever turning off, in this case it is recommended to use the external power supply via USB-C.

**TURN OFF:** touch and hold the button (touch) for about 3s.

**CHARGING:** use a standard USB 5Vdc 1A charger and a USB-C cable

## LEDS AND BUZZER FUNCTIONS

### Functions of the BLUE LED:

- **STEADY ON:** Status ON, scanning of nearby EV-SAFE in progress;
- **SINUSOIDAL FLASHING:** USB charging in progress; flashing light off;
- **FLASHING ON-OFF:** battery charge level less than 25% (it is recommended to recharge).

### RED/GREEN LED and BUZZER functions:

-> in the case of an EV-SAFE found

- **RED/GREEN alternately flashing:** STATUS "B" (vehicle connected; connection in progress; vehicle partially safe - check indications on vehicle instrument panel).
- **RED steady on:** buzzer sounds persistently; STATUS "A" (vehicle not connected), or status "E" (error- vehicle not safe)
- **GREEN steady on:** STATUS "C" (vehicle connected and ready; immobilized vehicle; electrical test passed).
- **GREEN flashes quickly:** STATUS "D" (vehicle connected and ready; immobilized vehicle; electrical test passed: the BMS electronic system requires ventilation).

### RED/GREEN LED and BUZZER functions:

-> in the case of two or more EV-SAFE found

- **RED steady on:** BUZZER sounds persistently; at least one EV-SAFE in alarm;
- **GREEN steady on:** no EV-SAFE in alarm;

*General terms of use and safety are included in the original instructions for EV-SAFE and EV-SAFE Rescue.*

BREMI Fahrzeug-Elektrik GmbH  
Einsteinstr. 1

D-71083 Herrenberg  
+49 7032 955 30 0  
+49 7032 955 30 30