

## Operating Manual

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valid for:

**50658484031001 – LB200 - 300mm, blue, 1 Module, magnetic**

**50658484032001 – LB200 - 300mm, amber, 1 Module, magnetic**

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## Liability notice

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### **LIMITATIONS OF LIABILITY**

The products have been developed in accordance with the applicable standards and regulations. The information collected in the technical documentation takes into account the state of the art as well as the knowledge and experience acquired over many years.

Standby is not liable for damage and consequences due to:

- Failure to comply with the information in the product documentation
- Non-compliant use of the product
- Assembly and application of products manufactured by unskilled workers
- Unauthorized changes made by the user or the operator himself
- Technical changes not submitted to or approved by Standby
- Use of spare parts that are not approved by Standby

### **BUILDER'S RESPONSIBILITIES**

The body builder is fully responsible for assembling the equipment on a vehicle.

The body builder must define the means and materials required to assemble the equipment in order to deliver the vehicle equipped according to the regulations. Standby is not responsible for errors resulting from a wrong definition of the type of mounting system, the reinforcements, the holes in the roof panel, the condition and quality of the mounting system, the use of anchoring points by the vehicle manufacturer and the definition of the power supply and protection of the system according to the energy source of the vehicle.

### **USER AND OPERATOR RESPONSIBILITIES**

Standby products are professional devices that may only be used for this purpose. Their implementation is subject to legal obligations with regard to workplace safety to which the operator must submit. The same applies to safety and accident prevention regulations as well as environmental protection regulations. Use of these devices on the road is subject to traffic laws and regulations.

#### **Obligations of the operator:**

- Find out about the applicable occupational safety regulations
- Carrying out a risk analysis of specific working conditions at the intervention site
- Adapting user training to regulations, standards and conditions of use
- When using the device, periodically review the adequacy of the implementation rules against the applicable safety rules and standards.
- To ensure that the operator has read and understood the device's user manual.
- Ensure users are regularly trained in their use and informed of the dangers associated with implementing the equipment.
- To provide the personnel with protective equipment adapted to the operation and to ensure that it is used.

#### **It is the responsibility of the operator:**

- Ensuring the curative and preventive maintenance of devices
- Ensure that safety devices are checked regularly

### **USAGE**

#### **Intended Use**

The special signal system is intended for use on vehicles with an on-board voltage of 12 V or 24 V. When using it on public roads, the statutory provisions must be observed.

#### **Improper use**

Any use beyond this is considered improper.

The manufacturer is not liable for damage resulting from improper use; the operator bears the risk.

#### **Cleaning the coloured domes**

A mild, alcohol-free cleaning agent (washing-up liquid, car shampoo) should be used for cleaning, as otherwise cracks and damage can occur.

#### **General cleaning**

If the lightbar is cleaned intensively (e.g. with a high-pressure cleaner or in long car washes), the inside of the lightbar can condense up. This type of cleaning should be avoided.

### **NOTE ON RADIO ANTENNA INSTALLATION**

It is recommended to mount the BOS radio antenna at a distance of  $\geq 1$  m from the light bar in order to avoid radio interference. The absolute minimum distance of 0.5 m should never be undercut.

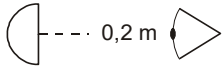
### **CUSTOMER SERVICE**

The STANDBY CUSTOMER SERVICE is available for technical information:

- Website: [standbyrsg.co.uk](http://standbyrsg.co.uk) / [standbygroup.se](http://standbygroup.se)
- Email: [info@standbyrsg.co.uk](mailto:info@standbyrsg.co.uk) / [support-se@standbygroup.com](mailto:support-se@standbygroup.com)
- Phone: +44 1543 43 88 00 / +46 520 49 44 40

In the interests of continuous improvement, our employees are available to answer any questions you may have about the installation and use of our products.

## Safety Instructions

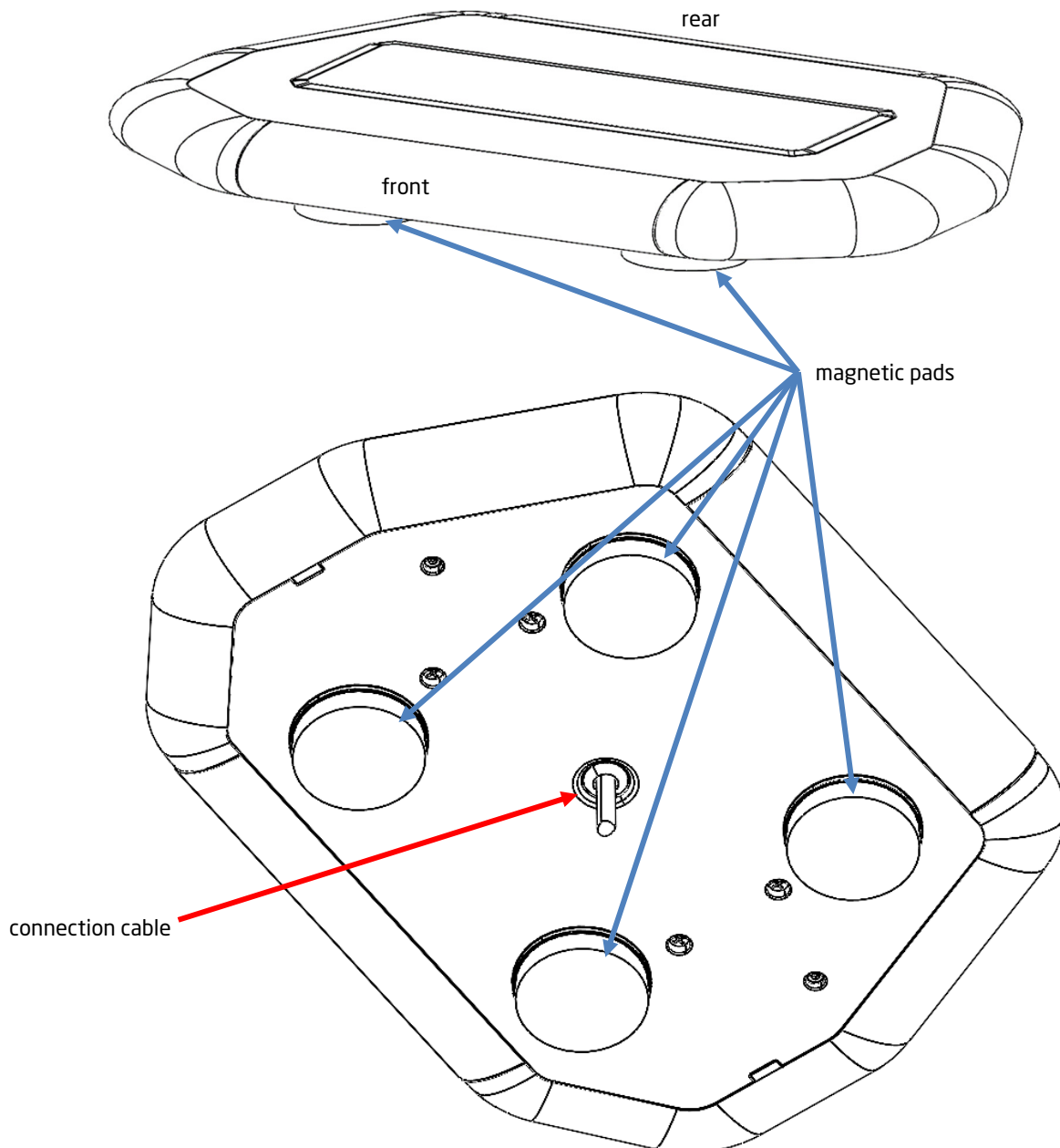


### WARNING ABOUT OPTICAL RADIATION

All optical components are classified as low risk in accordance with DIN EN 62471. Only look into the light beam of the components for a short time (max. 4 minutes) with the paint cap on! Minimum distance from light source to eye 0.2 m.

Each lightbar is equipped with 4 magnetic pads for easy mounting on the vehicle and a 3 m long connection cable with a cigarette lighter plug.

The cable exit is in the middle of the light bar.

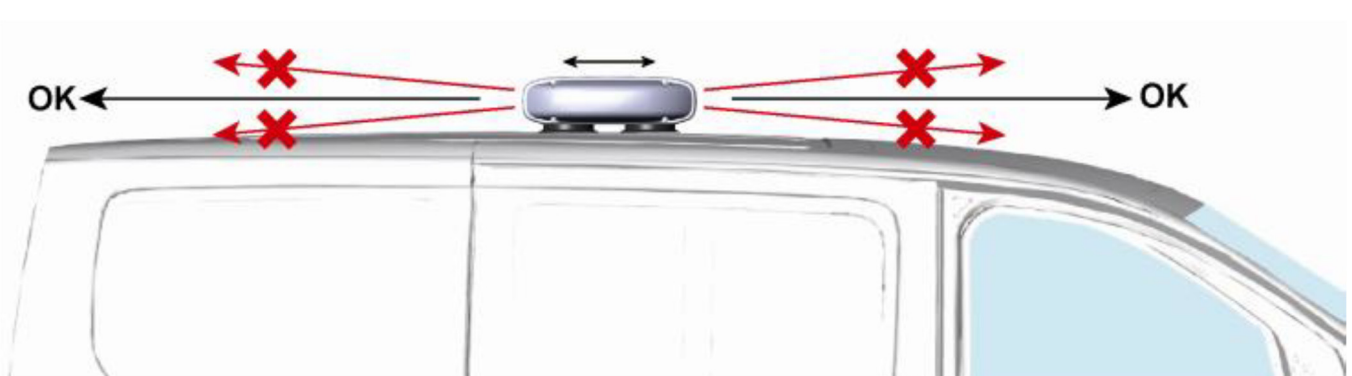


## Mounting Instructions



Before mounting the LB200 on the vehicle roof, ensure that the surface on which the magnetic pads will be attached is suitable and in good condition.

The chosen surface must be flat, ice-free and clean in order to optimize the magnetic contact between the vehicle roof and the magnetic pads. Clean the vehicle roof if necessary. The vehicle roof must be suitable for a magnetic holder. Vehicle roofs made of polyester or derivatives are not compatible!



Route the connecting cable into the vehicle via the shortest route to avoid dangerous situations.

**Make sure the cigarette lighter socket for power of the light bar is sufficient: 8 to 10 A**



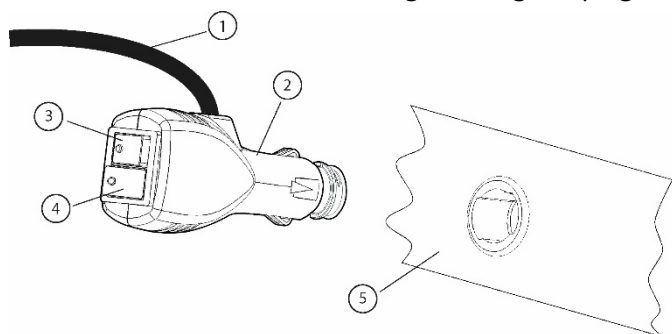
**DANGER**

**DO NOT EXCEED THE MAXIMUM SPEED OF 250 KM/H (155 M/H) WITH THE LIGHTBAR MOUNTED ON THE VEHICLE ROOF.**

**IF THIS SPEED LIMIT IS EXCEEDED, WE CANNOT GUARANTEE THAT THE LIGHTBAR WILL STICK TO THE VEHICLE ROOF.**

## Operation

Insert the cigarette lighter plug into the vehicle's cigarette lighter socket.



1. Light bar connection cable
2. Cigarette lighter plug
3. Blue/amber light ON/OFF switch
4. Switch (I-O-II) to select the operating mode
5. Cigarette lighter socket in the vehicle

- The switch (ON/OFF) switches the blue or amber light on or off.
- The operating mode can be selected with the switch I-O-II
  - O : Primary Mode Day
  - I : Primary Mode Night
  - II : Secondary Mode

### Setting the flash pattern

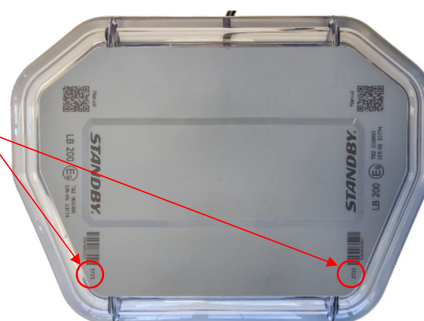
possible from date of manufacture > 3124 (Week 31/2024)

The bar is delivered as follows:

- O: Triple flash synchronous day
- I: Triple flash synchronous night
- II: Triple flash synchronous day

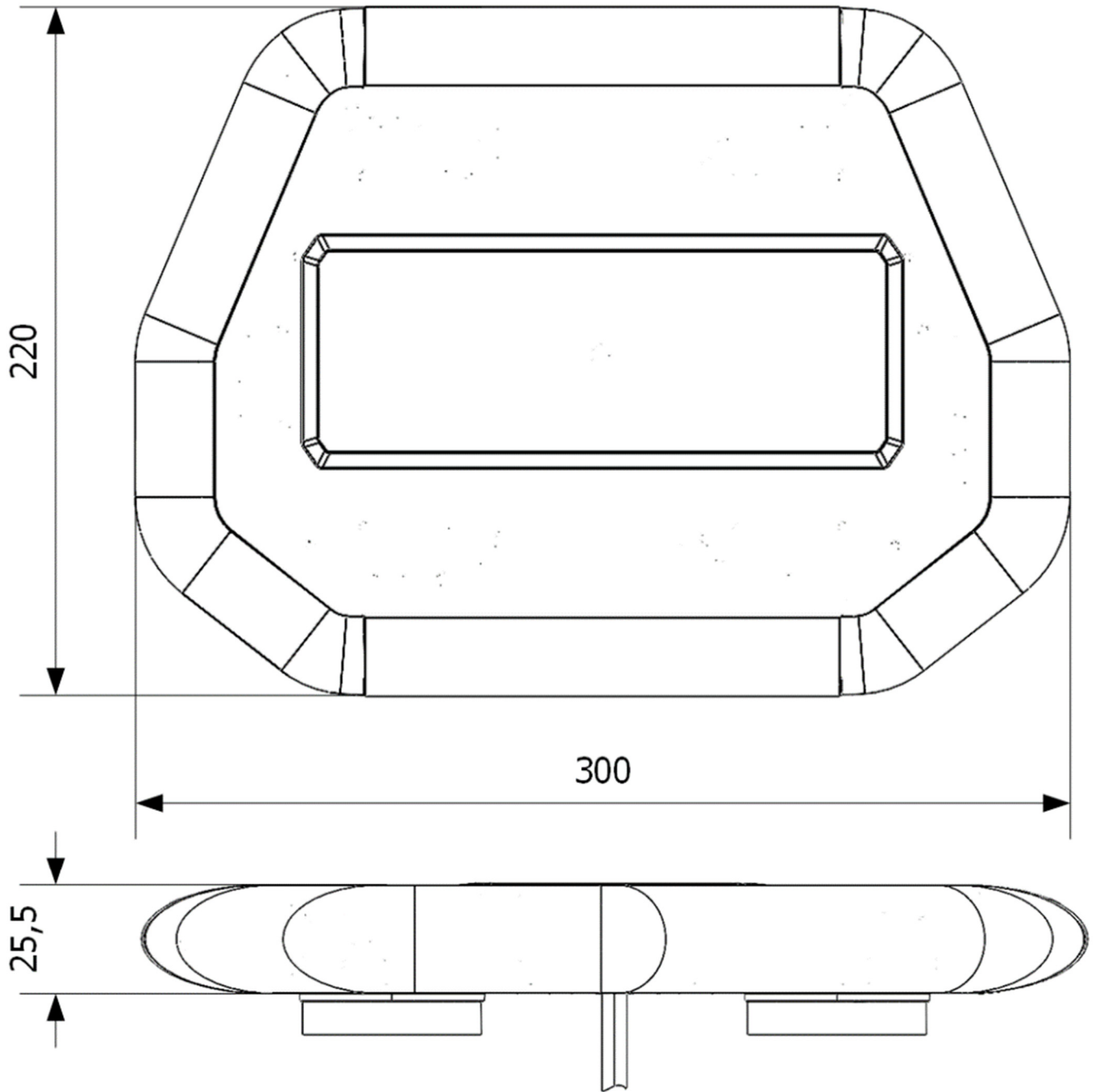
To change the flash pattern, do the following:

- Set the ON/OFF switch to OFF
- Set the flash pattern switch to position I or II
- Switch the ON/OFF switch back on
- The lightbar is in configuration mode for the first 3 seconds after switching on. If no selection is made during this time, the configuration mode is exited again, otherwise the bar remains in this mode and the flash pattern can be changed.
- To change the flash pattern, press the flash pattern switch (primary flash pattern I-O-I or secondary flash pattern II-O-II). Each time you press it, the bar switches one step according to the table opposite.
- The configuration mode is automatically exited if no switch is pressed for more than 3 seconds.
- The set flash pattern is saved permanently (the same flash pattern can also be selected for I and II).



Primary Flashpattern (I)	Secondary Flashpattern (II)
Single Flash, synchronous	Single Flash, synchronous, Day
Double Flash, synchronous	Single Flash, synchronous, Night
Triple Flash, synchronous (Factory Default)	Doppelfachblitz, synchronous, Day
Quadruple Flash, synchronous	Doppelfachblitz, synchronous, Night
Rotating Light	Triple Flash, synchronous, Day (Factory Default)
ICAO	Triple Flash, synchronous, Night
	Quadruple Flash, synchronous, Day
	Quadruple Flash, synchronous, Night
	Cruise-Light, Day
	Cruise-Light, Night
	Rotating Light, Day
	Rotating Light, Night
	ICAO, Day
	ICAO, Night
	OFF

## Dimensions



## Technical Data

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TECHNICAL DATA	
Operating Voltage	12/24 VDC (10 ... 30 VDC)
Current Consumption	3 A
LED-Colour	blue, amber
Dome Colour	clear
Flash pattern	Triple Flash in day- and night-mode, cruise light
Mounting	magnetic mount
Protection Class	IP67
Weight	approx. 2.5 kg
Ambient Temperature	-40°C - +65°C
Connection Cable	3 m incl. cigarette lighter plug
Length	300 mm
Height	25,5 mm (without magnetic pads)
Depth	220 mm
Approvals	ECE R10, CISPR 25 Class 3 ECE R65 Class 2

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When attention matters.

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