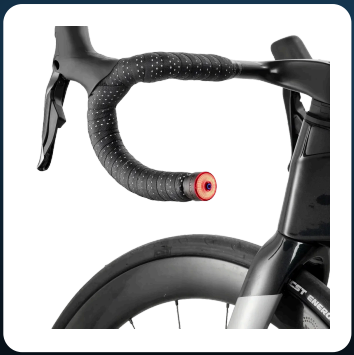
SPORTENZIA

USER GUIDE

ROCKBROS LED BAR END PLUGS

Two red lights that replace the end plugs of a road handlebar, USB-C rechargeable, with brake detection and linking to other Rockbros lights. Fitting, modes, charging and troubleshooting.

REF. LA1 · BAR INNER DIAMETER 16 TO 22 MM · LI-PO 250 MAH, USB-C



01 · GETTING STARTED

CONTENTS, FITTING, FIRST RIDE

In the box

- Two LED bar end plugs, each with its built-in mount and a button in the centre of the lens.
- One 30 cm USB-C charging cable.
- One 2.5 mm hex key.

Compatibility

For road handlebars with an **inner diameter** between **16 and 22 mm**. Check this measurement at the bar end before fitting.

Fitting

1. **Charge both lights** one after the other with the supplied cable: about 2 h each.
2. **Remove the original plugs** holding the bar tape so it does not unwind. Keep them.
3. **Insert the mount** into the bar end, straight, until it sits flush with the bar tape.
4. **Tighten the mount** with the 2.5 mm key until it no longer turns by hand. Do not force it, especially on a carbon bar.
5. **Clip the light** onto its mount and point the lens backwards. Pull on it: it must hold.
6. **Switch on and test** while stationary, with the centre button: pick the mode and brightness before setting off.

GETTING THEM RIGHT

- Fit one light at each bar end, lenses at the same height: you stay visible from behind and from the side.
- When riding in a group, use linking: compatible Rockbros lights sync together.

Specifications

Contents	**2 lights**	Handlebar	**16 to 22 mm inner**
Battery	**Li-Po 250 mAh**	Charging	**USB-C, about 2 h**
Modes	**5, with 3 brightness levels**	Run time	**About 7.5 to 13 h by mode**
Dimensions	**29 × 29 × 22 mm**	Weight	**24 g per plug**
Material	**PC shell and lens, ABS mount**	Functions	**Braking, standby, linking**

SAFETY

- These red lights add to your rear light. They do not replace a white front light.
- Check they are tight before every ride. Never ride with an open bar end: in a fall, a bare tube can cause injury.
- Lithium battery: charge somewhere dry, under supervision, and stop using a damaged or swollen light.

02 · DAY TO DAY

MODES, FUNCTIONS, TROUBLESHOOTING

The modes

MODE	RUN TIME
Fast flash	About 13 h
Breathing	About 12 h
Lightning	About 13 h
High frequency	About 13 h
Steady	About 7.5 h

Indicative values, depending on the brightness chosen.

Controls and functions

Centre button — Switches the light on, cycles the modes and brightness levels.

Braking — On sudden slowing, brightness doubles for 3 s.

Standby — Turns off after 30 s without activity, comes back on instantly with vibration or low light.

Linking — With other Rockbros R0 to R5 lights: link mode up to 2 m, co-frequency up to 30 m.

If something goes wrong

SYMPTOM	LIKELY CAUSE	FIX
Light does not switch on	Battery empty	Charge for about 2 h
Light goes off when stopped	Standby after 30 s	Normal: it restarts as soon as you move
No syncing	Other light too far or not compatible	Bring them closer; only Rockbros R0 to R5 lights link
Plug turns	Mount not tight enough	Retighten with the 2.5 mm key



The light, its centre button and the mount that fits inside the bar.

Charging and care

- Recharge after every night ride, and before use after long storage.
- Unplug the cable once charging is complete, after about 2 h.
- After rain, wipe the light and let it dry before plugging in.
- Clean the lens with a damp cloth, no solvents.

GOOD TO KNOW

- Rainproof: no pressure washing or immersion.
- Steady mode uses the most power: about 7.5 h, against 12 to 13 h for the flashing modes.
- With the bike leaning on a wall, protect the lens from rubbing.
- Refit the original plugs if you remove the lights.

Need help?

sportenzia.com/pages/contact

Our team answers your questions about fitting and linking the lights.