Bicycle Tail Light

User Manual

SQUARE PRO 45 mm | SQUARE PRO MAX 70 mm



SQUARE PRO MAX shown. Large-area red matrix light with a light-blue perimeter.

IMPORTANT

This light improves visibility. It does not replace required reflectors or guarantee that others will see you.

MODELS AND INCLUDED PARTS

About your tail light

Identify your model by measuring the front face. Product photography shows Pro Max unless otherwise labeled.



SQUARE PRO

45 × 45 mm

64 red LEDs • 500 mAh • 33 g



SQUARE PRO MAX

70 × 70 mm

144 LEDs • 600 mAh • 79.9 g

What’s in the box

Pro

- 45 mm tail light
- Compact silicone-strap mount
- USB-C charging cable
- User manual

Pro Max

- 70 mm tail light
- Quick-release mount base
- Silicone strap
- USB-C charging cable
- User manual

Before you begin

Charge the battery fully. Check that the light, mount, strap, cable, and charging port are clean and undamaged.

IMPORTANT

Use the model-specific mounting instructions on the next page. Parts for Pro and Pro Max are not interchangeable unless confirmed by the manufacturer.

SET UP

Install your tail light

SQUARE PRO MAX • 70 × 70 mm



Align the base

Place the quick-release base against the seatpost in the correct orientation.



Secure the strap

Wrap the silicone strap around the seatpost and fasten it to the base.



Align the light

Match the connector on the back of the light with the quick-release interface.



Twist to lock

Press the light into place and twist clockwise until it locks securely.

SQUARE PRO • 45 × 45 mm

Place the compact mount against the seatpost. Wrap its silicone strap around the post and fasten it securely. Align the 45 mm light with the mount interface, then press it into place until fully seated.

BEFORE EVERY RIDE

Pull and rotate the installed light gently. It must not slide, loosen, or contact a tire, brake, cable, or other moving part. Mount fit depends on the strap, seatpost profile, and installation position.

EVERYDAY USE

Use the controls

With the light off, press the side button repeatedly.

1 PRESS

Bright steady

Red + light-blue LEDs at 100%

2 PRESSES

Dim steady

Red + light-blue LEDs at 50%

3 PRESSES

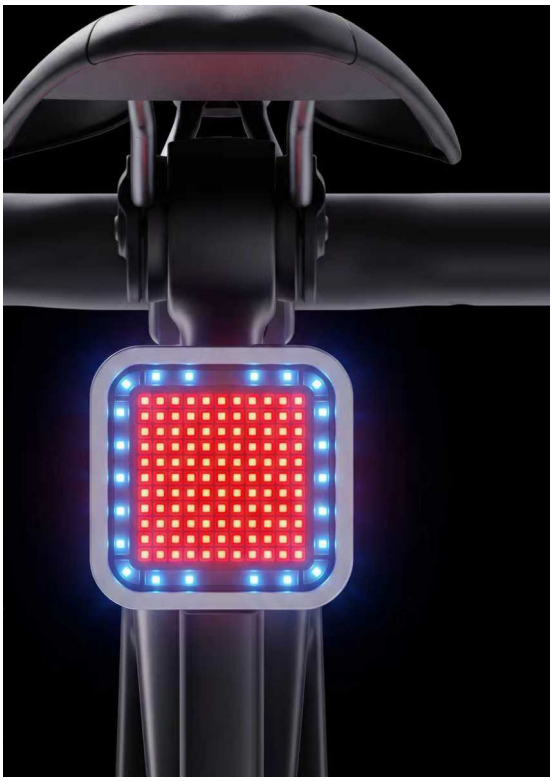
Flashing

Attention-getting flash pattern

4 PRESSES

Off

The light turns off



STOP FIRST

Bring the bicycle to a complete stop before changing modes or adjusting the light.

BATTERY LIFE

Pro: 4–15 hours. Pro Max: 3–15 hours. Runtime varies by mode, temperature, battery age, and use.

USB-C

Charge your tail light

1 Dry the light

Never charge while the light, cable, connector, or charging area is wet.

2 Connect USB-C

Open the port cover. Connect the supplied cable, then connect it to a certified 5 V USB power source rated no higher than 2 A.



3 Read the indicator

Solid red: charging. Solid green: fully charged.

4 Close the port

Disconnect the cable, confirm the port is clean and dry, and close the cover completely.

Charging safety

Charge on a hard, dry, well-ventilated surface away from heat and flammable materials. Do not cover the light. Do not use a damaged cable or power source. Do not leave it charging unattended for extended periods.

Approx. 2.5 hours • Pro: 500 mAh • Pro Max: 600 mAh • Built-in, non-removable lithium-ion battery

SAFETY

Important safety information

WARNING

Failure to follow these instructions may cause fire, electric shock, injury, or property damage.

Battery and heat

Do not open, disassemble, crush, bend, puncture, short-circuit, modify, or burn the light. Stop using and charging it if damaged, swollen, leaking, unusually hot, odorous, or abnormal. Keep away from flames, heaters, and hot vehicles.

Water

IPX6 indicates resistance to powerful water jets under specified test conditions. It does not mean waterproof or suitable for immersion. Water resistance may decrease with wear or damage. Never charge while wet.

Eyes and flashing light

Do not stare into the LEDs at close range or aim them into anyone’s eyes. Flashing light may affect people sensitive to flashing lights.

Children

For bicycle use only. This product is not a toy. Keep the light, cable, strap, and packaging away from children.

Road use

Use this light in addition to every reflector and item of bicycle equipment required by federal, state, and local law. Obey traffic laws and ride to conditions.

CARE AND CLEANING

Important handling information

After riding in rain

Wipe the light dry with a soft cloth and let the charging port dry completely before opening or charging it.



Clean

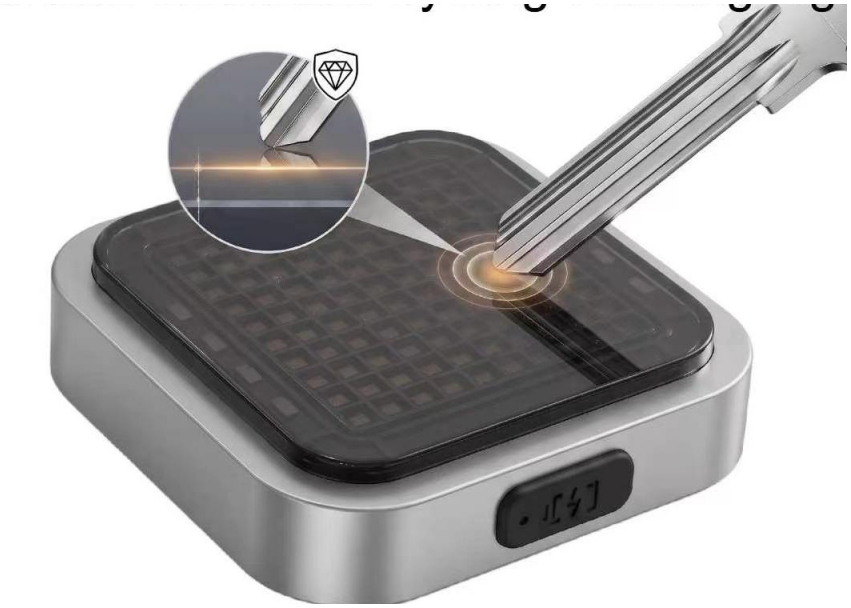
Use a soft cloth dampened with fresh water. Do not immerse, pressure-wash, or use solvents, abrasives, or compressed air.

Protect the lens

The coated PC lens is designed to resist ordinary wear, but it can still scratch. Keep keys, tools, grit, and sharp objects away from it.

Store

Turn the light off and store it in a cool, dry place. During long-term storage, recharge it every 1-2 months.



MODEL OPTIONS

Colors and finishes

Color availability varies by model, retail SKU, and region. Confirm the product name and color on the package before purchase.

SQUARE PRO • 9 finishes

Polar White


Obsidian Black


Mecha Gray


Racing Red


Tactical Green


Pulse Blue


Lava Orange


Neon Pink

Lightning Yellow

SQUARE PRO MAX • 3 finishes


Silver


Orange


Black

FINISH CARE

Colors and coatings can show normal wear over time. Keep the lens and housing away from keys, grit, solvents, and abrasive cleaners.

REFERENCE

Specifications and support

Product	SQUARE PRO	SQUARE PRO MAX
Face size	45 × 45 mm	70 × 70 mm
LED configuration	64 red LEDs	144 LEDs: 122 red + 22 light-blue
Battery	500 mAh rechargeable	600 mAh rechargeable
Battery life	4-15 hours	3-15 hours
Weight	33 g	79.9 g
Operating temperature	-40 °C to 85 °C	-40 °C to 85 °C
Modes	Bright / dim / flashing	Bright / dim / flashing
Charging	USB-C; 5 V DC, up to 2 A	USB-C; 5 V DC, up to 2 A
Protection	IPX6; coated PC lens	IPX6; coated PC lens

Disposal and recycling information

Do not place this product or its lithium-ion battery in household trash or curbside recycling. Take it to a collection point designated by local authorities. Separate collection helps conserve resources and protects human health and the environment.

Service and 12-month limited warranty

The built-in battery must be serviced only by qualified personnel. Retain proof of purchase and contact official customer support for warranty service. Consumer rights may vary by state.

Manufacturer

Jiangsu Shiji Fujing Intelligent Technology Co., Ltd. • 6 Longrui Road, Wujin National High-Tech Industrial Development Zone, Changzhou, China • Made in China

Keep this manual. For service, warranty, recycling, or market-specific regulatory information, contact the authorized seller or importer identified on the product packaging.