Sigma 17950

SIGMA Light Aura 100 / Blaze Link (Set) Silicone Mount User Manual

Model: 17950

1. INTRODUCTION

Thank you for choosing the SIGMA AURA 100 / BLAZE LINK light set. This manual provides essential information for the proper setup, operation, and maintenance of your new bicycle lights. This set offers advanced features for enhanced visibility and safety during your rides.

Key Features:

- **Intelligent Light Function:** Bluetooth connectivity for convenient control of both front and rear lights from the front unit.
- **Five-Level Modes:** Multiple lighting modes for various riding conditions, with clear display of current mode and battery status.
- **Auto Light Adjustment:** Integrated brightness sensor automatically adjusts light intensity (25 to 100 lux) based on ambient light.
- **Battery Level Indicator:** LED indicator shows battery levels for both front and rear lights, including charging progress.
- **Brake Light Function:** Acceleration sensor triggers a brake light on the BLAZE LINK rear light for approximately three seconds when slowing down.
- **Water Resistance:** IPX4 rated, providing protection against splashing water from all directions.

Image 1.1: The SIGMA AURA 100 front light and BLAZE LINK rear light, designed for optimal visibility and safety.

2. SETUP

2.1 Package Contents

Before proceeding, please verify that all components are present in your package:

- AURA 100 LINK Front Light
- BLAZE LINK Rear Light
- Silicone Mount (for front light)
- USB Charging Cable

PACKAGING INCLUDES

Image 2.1: The complete contents of the SIGMA AURA 100 / BLAZE LINK set, ready for installation.

2.2 Mounting Instructions

The AURA 100 LINK front light features a handlebar mount, and the BLAZE LINK rear light uses a strap mount for easy installation.

1. **Front Light (AURA 100 LINK):** Securely attach the silicone mount to your bicycle's handlebar. Ensure the mount is tight and the light is positioned centrally and horizontally for optimal beam spread.

2. **Rear Light (BLAZE LINK):** Attach the strap mount to your seat post. Ensure the light is vertical and facing directly backward for maximum visibility.

2.3 Initial Charging

Before first use, fully charge both the AURA 100 LINK and BLAZE LINK lights using the provided USB charging cable. The LED indicator on the AURA 100 LINK will show charging progress.

2.4 Connecting the Lights (Bluetooth Pairing)

The AURA 100 LINK and BLAZE LINK are designed to connect wirelessly via Bluetooth for synchronized control.

1. Ensure both lights are charged.

2. Turn on the AURA 100 LINK front light.

3. The lights should automatically pair. The AURA 100 LINK's display will indicate the connection status of both front (FL) and rear (RL) lights.

4. If pairing fails, refer to the troubleshooting section or consult the full manual for manual pairing instructions.

Image 2.2: The wireless connection between the AURA 100 LINK and BLAZE LINK allows for integrated control.

3. OPERATING

3.1 Power On/Off

- **To turn on:** Double-click the power button on the AURA 100 LINK front light. Both the front and connected rear light will activate.
- **To turn off:** Press and hold the power button on the AURA 100 LINK front light for approximately 2-3 seconds. Both lights will turn off.

3.2 Light Modes (AURA 100 LINK)

The AURA 100 LINK offers five distinct lighting modes. Press the power button briefly to cycle through the modes. The display on the AURA 100 LINK will indicate the active mode and corresponding light intensity.

- **Standard Mode:** Provides consistent illumination.
- **Mid Mode:** Reduced brightness for extended battery life.
- **Eco Mode:** Lowest brightness setting for maximum battery duration.
- **Flash Mode:** Pulsating light for increased daytime visibility.
- **Auto Mode:** Utilizes the integrated brightness sensor.

3.3 Auto Light Adjustment (AURA 100 LINK)

In "Auto" mode, the AURA 100 LINK's integrated brightness sensor automatically adjusts the light output between 25 and 100 lux based on ambient light conditions. This optimizes battery life while ensuring sufficient illumination.

Image 3.1: The AURA 100 LINK automatically adjusts its brightness for optimal performance and battery efficiency.

3.4 Brake Light Function (BLAZE LINK)

The BLAZE LINK rear light features an integrated acceleration sensor. When you slow down, the sensor detects the deceleration and activates three bright LEDs to signal braking to others on the road for approximately three seconds. This function operates in both automatic sensor light mode and continuous light mode.

3 LED BRAKE LIGHT FUNCTION

DAY

NIGHT

Image 3.2: The BLAZE LINK's brake light function enhances safety by signaling deceleration.

3.5 Battery Level Indicator

The AURA 100 LINK's LED indicator provides real-time battery status for both the front and rear lights. The five-level display allows you to monitor battery life and know when recharging is necessary.
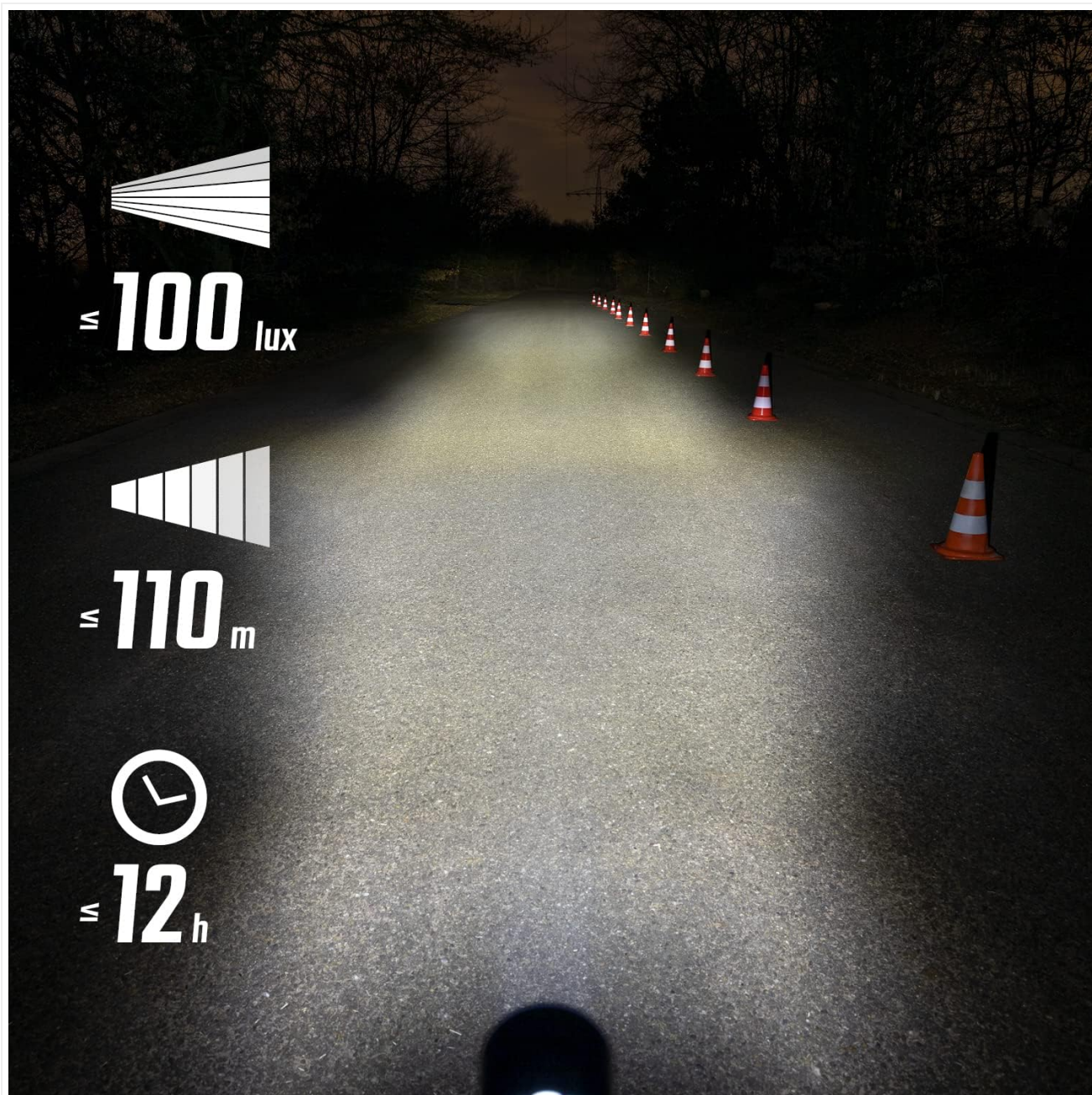
Image 3.3: The AURA 100 LINK provides 100 lux brightness, illuminating up to 110 meters for up to 12 hours.

4. MAINTENANCE

4.1 Cleaning

To maintain optimal performance and appearance, clean your lights regularly. Use a soft, damp cloth to wipe down the surfaces. Avoid abrasive cleaners or solvents that could damage the housing or lens.

4.2 Water Resistance

The SIGMA AURA 100 / BLAZE LINK set is rated IPX4, meaning it is protected against splashing water from any direction. While suitable for use in rainy conditions, avoid submerging the lights in water.

Image 4.1: The lights are designed to withstand splashes, making them suitable for various weather conditions.

4.3 Charging Best Practices

- Charge the lights using the provided USB cable and a standard USB power adapter (not included).
- Do not overcharge the batteries. Disconnect once fully charged.
- If storing the lights for an extended period, charge them to approximately 50% capacity and store in a cool, dry place. Recharge every few months to prevent deep discharge.

5. TROUBLESHOOTING

If you encounter issues with your SIGMA AURA 100 / BLAZE LINK set, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	Low battery; Incorrect power button press.	Charge both lights fully. Ensure you double-click the AURA 100 LINK power button to turn on.

Problem	Possible Cause	Solution
Rear light not connecting to front light.	Out of range; Pairing issue; Low battery.	Ensure lights are close to each other. Recharge both lights. Try re-pairing by turning both lights off and on again.
Light output is dim.	Low battery; Incorrect mode selected; Dirty lens.	Recharge lights. Cycle through modes to ensure a high brightness setting is selected. Clean the lens with a soft cloth.
Brake light not activating.	Insufficient deceleration; Sensor obstruction.	Ensure a clear and distinct deceleration is made. Check if the sensor area on the BLAZE LINK is clean and unobstructed.

If the problem persists after trying these solutions, please contact Sigma customer support for further assistance.

6. SPECIFICATIONS

Feature	Specification
Model Name	Sigma Beleuchtungsset Aura 100 Usb/Blaze Link
Model Number	17950
Brand	Sigma
Color	Black
Material	Plastic
Power Source	Battery Powered
Water Resistance Level	IPX4 (Waterproof)
Item Weight	115 Grams
Mounting Type	Handlebar Mount (Front), Strap Mount (Rear)
Number of Settings	5
Brightness (AURA 100)	100 lux
Included Components	Headlight, Rear Light
Model Year	2022

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The SIGMA AURA 100 / BLAZE LINK set comes with a **2 Year Manufacturer Guarantee**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

7.2 Customer Support

For technical support, warranty claims, or any questions regarding your product, please visit the official Sigma

website or contact their customer service department. You can also find more information and products from Sigma by visiting the [Sigma Store on Amazon](#).