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› Cygolite Dice TL-50 Lumen Bike Tail Light Instruction Manual

## Cygolite DC-TL-50

# Cygolite Dice TL-50 Lumen Bike Tail Light Instruction Manual

Model: DC-TL-50 | Brand: Cygolite

## INTRODUCTION

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The Cygolite Dice TL-50 is a compact and powerful bicycle tail light designed for enhanced visibility during both day and night riding. This manual provides essential information for the proper setup, operation, and maintenance of your Dice TL-50 tail light.

## WHAT'S IN THE BOX

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- Cygolite Dice TL-50 Tail Light
- Flexible Seatpost Mount
- Micro USB Charging Cable

## PRODUCT OVERVIEW

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The Dice TL-50 features an ultra-compact design, measuring approximately one cubic inch, and weighs only 27.22 grams. It is equipped with a single powerful LED delivering 50 lumens of light output, ensuring visibility in various conditions. The light is USB rechargeable and boasts an IP64 water-resistant rating.



Figure 1: Top-down view of the Cygolite Dice TL-50, highlighting its compact size and power button.



*Figure 2: Front view of the Cygolite Dice TL-50, showing the light and flexible mounting strap.*

## **CHARGING INSTRUCTIONS**

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The Dice TL-50 is USB rechargeable. To charge the device:

1. Locate the Micro USB port on the tail light.
2. Connect the provided Micro USB cable to the light and to a USB power source (e.g., computer, wall adapter).
3. The light will indicate charging status (e.g., a low constant setting or blinking light).
4. Once fully charged, disconnect the cable.



# Micro USB Rechargeable

*Figure 3: The Dice TL-50 connected via Micro USB for charging.*

## **MOUNTING THE LIGHT**

The flexible seatpost mount allows for easy and secure attachment to various seatpost shapes, including aero designs.

1. Position the Dice TL-50 on the rear of your bicycle's seatpost.
2. Wrap the flexible strap around the seatpost.
3. Securely hook the strap into one of the available slots on the light's body.
4. Ensure the light is firmly attached and facing directly backward for optimal visibility.



Figure 4: The Dice TL-50 securely mounted on a bicycle seat post.

Your browser does not support the video tag.

Video 1: Official product video demonstrating the features, operation, and mounting of the Cygolite Dice TL-50 Lumen Bicycle Taillight.

## OPERATING INSTRUCTIONS

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The Dice TL-50 features a single button for all operations.

- **To Turn On:** Press the power button once.
- **To Cycle Modes:** While the light is on, press the power button repeatedly to cycle through the available modes.
- **To Turn Off:** Press and hold the power button for approximately one second until the light turns off.

### Lighting Modes:

The Dice TL-50 offers 8 distinct lighting modes, including 5 night modes and 3 daytime modes, designed for various riding conditions and battery life optimization. The light automatically senses day and night to switch to optimal flashing tempos.

# 8 Powerful Lighting Modes

① **High**

② **Group**

③ **Single Flash - Day**

Powerful lightning-like flashes highlights your presence both day and night

④ **Single Flash - Night**

⑤ **Triple Flash -Day**

⑥ **Triple Flash - Night**

⑦ **SteadyPulse® - Day**

Steady beam helps motorists gauge their distance while overlapping triple pulses keeps them alert

⑧ **SteadyPulse® - Night**



Figure 5: Visual representation of the 8 lighting modes and their descriptions.

- **High Steady:** Provides a constant, bright beam.
- **Group Mode:** Optimized for group riding.
- **Single Flash - Day:** Powerful, lightning-like flashes for daytime visibility.
- **Single Flash - Night:** Flashing mode for night riding.
- **Triple Flash - Day:** Multiple flashes for enhanced daytime presence.
- **Triple Flash - Night:** Multiple flashes for night riding.
- **SteadyPulse® - Day:** A steady beam combined with overlapping pulses to help motorists gauge distance and stay alert during the day.
- **SteadyPulse® - Night:** A steady beam combined with overlapping pulses for night riding.

## MAINTENANCE

- **Cleaning:** Wipe the light with a damp cloth to remove dirt and debris. Avoid using harsh chemicals.
- **Storage:** Store the light in a cool, dry place when not in use. For long-term storage, ensure the battery is partially charged (around 50%).

- **Battery Care:** Recharge the battery regularly to maintain its lifespan, even if not used frequently.
- **Water Resistance:** The light is IP64 water-resistant, meaning it is protected from dust and splashing water. Avoid submerging the light in water.

## TROUBLESHOOTING

- **Light Not Turning On:** Ensure the battery is charged. Connect to a USB power source and check for charging indication.
- **Light Not Holding Charge:** Verify the charging cable and power source are functioning correctly. If issues persist, the battery may need service.
- **Mount Not Secure:** Ensure the flexible strap is properly hooked into the light's body and is snug around the seatpost.
- **Intermittent Operation:** Check for any debris obstructing the power button. Ensure the light is fully charged.

## SPECIFICATIONS

Brand	Cygolite
Model	DC-TL-50
Light Output	50 Lumens (Maximum)
Number of Modes	8 (5 Night, 3 Daytime)
Power Source	Battery Powered (USB Rechargeable)
Water Resistance	IP64 (Water Resistant)
Dimensions (LxWxH)	1.3" x 1.3" x 1.3"
Item Weight	27.22 g
Mounting Type	Seatpost Mount
Material	Plastic, Aluminum

## WARRANTY AND SUPPORT

The Cygolite Dice TL-50 comes with a **One Year Limited Warranty**. For warranty claims, technical support, or further assistance, please refer to the official Cygolite website or contact their customer service department.