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ThruNite Ti-Grey

ThruNite Ti Mini Keychain Flashlight User Manual

Brand: **ThruNite** | Model: **Ti-Grey**

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your ThruNite Ti Mini Keychain Flashlight. Designed for everyday carry, this compact and powerful USB-C rechargeable flashlight offers multiple lighting modes and a magnetic tailcap for versatile use in various indoor and outdoor scenarios.



Image: The ThruNite Ti Mini Keychain Flashlight, demonstrating its small form factor when held in a hand.

2. WHAT'S IN THE Box

Please check the package contents upon receipt:

- ThruNite Ti Mini Flashlight (with built-in battery)

- USB-C Charging Cable
- Pocket Clip (pre-installed or included separately)
- Keychain Ring
- Spare USB-C Port Cover
- User Manual

3. PRODUCT OVERVIEW

Product structure



Image: Exploded view diagram of the ThruNite Ti Mini, highlighting its key components such as the switch button, charging indicator, keychain, LED, magnetic cap, USB-C port, and two-way clip.

Switch Button: Controls power and mode selection.

Charging Indicator: Displays charging status (red for charging, green for fully charged).

Keychain: Attachment point for keys or lanyards.

High Performance LED: Provides illumination.

Magnetic Cap: Allows attachment to metal surfaces for hands-free use.

USB-C Charging Interface: For recharging the built-in battery.

Two-way Clip: For securing the flashlight to pockets, hats, or gear.

4. SPECIFICATIONS

Feature	Detail
Max Output	650 Lumens
Max Throw	105 meters
Max Runtime	51 days (Firefly mode)
Power Source	Built-in 350mAh Lithium-Ion Battery
Charging	USB-C Rechargeable
Material	Aerospace-grade 6061-T6 Aluminum
Finish	Type III Hard-Anodized
Water Resistance	IPX-8 (Waterproof to 2 meters)
Impact Resistance	1.5 meters
Dimensions	60.8mm (Length) x 16.5mm (Diameter)
Weight	26.5g (0.93 oz)

SLIM, COMPACT, KEYCHAIN SIZE

Just 60.8mm long and only 26.5g, this ultra-portable light fits easily in your pocket or hand, perfect for everyday carry without the bulk.



Image: Dimensions of the ThruNite Ti Mini, illustrating its compact size relative to a common earbud case.

5. SETUP

5.1 Initial Charging

Before first use, fully charge the flashlight. Open the USB-C port cover and connect the included USB-C cable to the flashlight and a power source (e.g., computer, USB wall adapter).

- The charging indicator will glow **red** during charging.
- The indicator will turn **green** when charging is complete.

USB-C RECHARGEABLE

Built-in battery with smart charging indicator keeps you powered up.



Image: The ThruNite Ti Mini connected to its USB-C charging cable, showing the charging port and indicator light.

5.2 Attaching Accessories

The flashlight comes with a keychain ring and a two-way pocket clip for various carrying options.

- **Keychain:** Attach the included keychain ring to the designated loop at the tail of the flashlight.
- **Pocket Clip:** The two-way clip can be used to secure the flashlight to a pocket, belt, or the brim of a hat. It can be reversed for different carrying preferences.

PERFECT EDC COMPANION

Clip it to your keychain or pocket using the included keyring and clip.



Image: Examples of the ThruNite Ti Mini being used as an EDC companion, clipped to a backpack and attached to a keychain.

6. OPERATING INSTRUCTIONS

6.1 Basic Operation

- **Turn On/Off:** Double-click the side switch to turn the light ON. Press and hold the switch to turn it OFF.
- **Change Modes:** When the light is ON, single-click the switch to cycle through Firefly, Low, Medium, and High modes. The light will remember the last used mode (except Strobe).
- **Momentary High:** From OFF, press and hold the switch to activate the highest mode (650 lumens) temporarily. Release the switch to turn OFF.
- **Strobe Mode:** Triple-click the switch from any state (ON or OFF) to activate Strobe mode. Single-click to return to the previously used mode.

6.2 Mode Details and Runtimes

Mode	Output	Runtime
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High	650 lumens	1 hr 35 mins
Medium	200 lumens	2 hrs 20 mins
Low	30 lumens	9.5 hrs
Firefly	0.2 lumens	51 hrs
Strobe	650 lumens	—

Compact Power That Fits in Your Pocket

MODE	OUTPUT	RUNTIME
High	650 lumens	1 hr 35 mins
Medium	200 lumens	2 hrs 20 mins
Low	30 lumens	9.5 hrs
Firefly	0.2 lumens	51 hrs
Strobe	650 lumens	—



Image: Detailed table outlining the output and runtime for each lighting mode of the ThruNite Ti Mini.

6.3 Hands-Free Operation

The magnetic tailcap allows the flashlight to be securely attached to most metal surfaces, providing convenient hands-free illumination. This is ideal for tasks requiring both hands, such as vehicle maintenance or working in dimly lit areas.

HANDS-FREE LIGHTING ANYWHERE

Attach it to metal surfaces for hands-free use.



Image: The ThruNite Ti Mini utilizing its magnetic tailcap for hands-free lighting, attached to different metal objects.

7. MAINTENANCE

- **Cleaning:** Regularly clean the flashlight body with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.
- **USB-C Port:** Ensure the USB-C charging port cover is properly sealed when not charging to maintain its waterproof rating. If the cover is damaged or lost, use the provided spare.
- **Storage:** Store the flashlight in a cool, dry place when not in use for extended periods.

8. TROUBLESHOOTING

8.1 Light Not Turning On

- **Battery Charge:** Ensure the battery is sufficiently charged. Connect the flashlight to a USB-C power source and check the charging indicator.
- **Operation Sequence:** Confirm you are using the correct operation sequence: double-click to turn ON, press and hold to turn OFF.

8.2 Charging Issues

- **Cable Connection:** Verify the USB-C cable is securely connected to both the flashlight and the power source.
- **Port Condition:** Check the USB-C port for any debris or damage. Clean gently if necessary.
- **Power Source:** Try a different USB power source or cable to rule out issues with the charging equipment.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The ThruNite Ti Mini Keychain Flashlight comes with a limited warranty. Please refer to the warranty card included in your package for specific terms and conditions. This typically covers manufacturing defects under normal use.

9.2 Customer Support

For further assistance, technical support, or warranty claims, please contact ThruNite customer service. You can usually find contact information on the official ThruNite website or through your purchase platform.

Note: Always refer to the official ThruNite website or your product packaging for the most up-to-date support information.