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ULTRAFIRE UF-805

UltraFire 16 Inch UF-805 Traffic Wand Instruction Manual

Model: UF-805

INTRODUCTION

The UltraFire 16 Inch UF-805 Traffic Wand is a versatile and durable safety device designed for effective traffic control, aircraft marshaling, and general signaling. It features ultra-bright LED illumination, three distinct lighting modes, and a robust, water-resistant construction. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your traffic wand to ensure safe and optimal performance.

SAFETY INFORMATION

- Do not look directly into the LED light source to avoid eye injury.
- Keep the device away from children.
- Use only the provided USB-C cable for charging.
- Do not attempt to disassemble or modify the device, as this may void the warranty and pose safety risks.
- Ensure the USB-C port cover is securely closed when not charging to maintain water resistance.

PACKAGE CONTENTS

Verify that all items are present in the package:

- UltraFire UF-805 Traffic Wand (Flashlight base with attached orange cone)
- USB-C Charging Cable
- Lanyard
- Rechargeable Battery (pre-installed)

SETUP

1. Initial Charging

Before first use, fully charge the traffic wand. The device is equipped with a USB-C charging port for convenience.

USB C RECHARGEABLE



USB C Port

Charging

Fully Charged

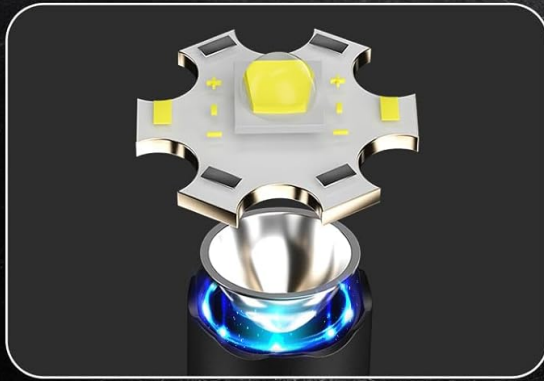
Image: UltraFire traffic wand connected to a USB-C charger. A red indicator light signifies charging, while a green light indicates a full charge. The USB-C port is visible on the side of the flashlight body.

1. Locate the USB-C charging port on the side of the flashlight body.
2. Open the protective rubber cover over the USB-C port.
3. Insert the provided USB-C cable into the port and connect the other end to a compatible USB power source (e.g., wall adapter, computer USB port).
4. The indicator light will turn red during charging.
5. Charging is complete when the indicator light turns green. A full charge typically takes approximately 4 hours.
6. Once charging is complete, securely close the rubber cover to maintain the device's IP68 water resistance.

2. Attaching the Traffic Wand Cone

The orange cone can be attached or removed as needed, allowing the device to function as either a traffic wand or a standard flashlight.

PRODUCT DETAIL



Ultra Bright



Switch Button



Image: A detailed view of the UltraFire traffic wand, illustrating the flashlight base and the detachable orange cone. Key dimensions are shown: the flashlight base is 6.3 inches long, and the orange cone is 9.84 inches long.

1. To attach the orange traffic cone, align the base of the cone with the head of the flashlight.
2. Gently push and twist the cone onto the flashlight head until it is securely seated.
3. To remove, twist and pull the cone off the flashlight head.

OPERATING INSTRUCTIONS

1. Power On/Off and Mode Selection

The UltraFire UF-805 features a single button for power control and mode cycling.

3

Modes as Flashlight



 High: **619**lm

 Low: **191**lm

 Strobe Mode

Image: A close-up of the UltraFire flashlight, highlighting its three operational modes: High (619 lumens), Low (191 lumens), and Strobe mode. The green power button is visible on the side.

1. **Power On:** Press the power button once to turn on the device. It will typically start in High mode.
2. **Cycle Modes:** With the device on, press the power button repeatedly to cycle through the modes: High (619 lumens) → Low (191 lumens) → Strobe → Off.
3. **Power Off:** To turn off the device directly from any mode, press and hold the power button for approximately 1-2 seconds. Alternatively, cycle through all modes until the light turns off.

2. Using as a Traffic Wand

When the orange cone is attached, the device functions as a highly visible traffic wand, ideal for directing vehicles or personnel.

HIGHLY VISIBLE

619lm High Brightness for 24/7 Visibility



Image: A person in uniform using the UltraFire traffic wand to direct a car at night. The bright orange light of the wand is clearly visible, cutting through the darkness and vehicle headlights.

- **Traffic Control:** Use the High or Low mode for general guidance. The Strobe mode is effective for emergency signaling or to attract immediate attention.
- **Aircraft Marshaling:** The bright and distinct light patterns are suitable for guiding aircraft on the ground.
- **Roadside Emergencies:** Place the wand in Strobe mode to alert oncoming traffic to a hazard or breakdown.

3. Using as a Flashlight

With the orange cone removed, the device functions as a powerful handheld flashlight for general illumination.

- Use High mode for maximum brightness and long-range visibility.
- Use Low mode for extended runtime or when less intense light is required.

4. Product Demonstration Video

Your browser does not support the video tag.

Video: This video demonstrates the UltraFire UF-805 Traffic Wand in various operational scenarios, including traffic direction and showcasing its different lighting modes and durability features.

MAINTENANCE

1. Cleaning

- Wipe the exterior of the device with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as they may damage the finish.
- Ensure the USB-C port cover is closed before cleaning with a damp cloth.

2. Water and Drop Resistance (IP68)

The UF-805 is designed with IP68 water resistance and 1-meter drop proofing, making it suitable for various outdoor conditions.



Image: The UltraFire traffic wand operating in a rainy environment, showcasing its IP68 water resistance. Raindrops are visible on the wand and the surrounding surfaces.

- While the device is water-resistant, avoid prolonged submersion.
- The 1-meter drop resistance protects against accidental drops during normal use.

3. Battery Care and Storage

- For optimal battery life, avoid fully discharging the battery frequently.
- Store the device in a cool, dry place when not in use.

- If storing for an extended period, charge the battery to approximately 50% every 3-6 months.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low battery or discharged battery.	Charge the device using the USB-C cable.
Device not charging.	Cable not properly connected, faulty cable/adaptor, or dirty port.	Ensure cable is securely connected. Try a different USB-C cable or power adapter. Clean the USB-C port gently if obstructed.
Light output is dim.	Low battery.	Recharge the device.
Orange cone is loose.	Not properly attached.	Ensure the cone is twisted securely onto the flashlight head.

SPECIFICATIONS

Key technical specifications for the UltraFire UF-805 Traffic Wand:

SUPER LONG USAGE TIME

619lm (4h) / 191lm (12h)



Image: A visual representation of the UltraFire traffic wand's battery performance. It indicates a usage time of 4 hours at 619 lumens and 12 hours at 191 lumens, highlighting its efficiency for both intense and prolonged use.

- **Model:** UF-805
- **Brightness:** 619 Lumens (High), 191 Lumens (Low)
- **Lighting Modes:** High, Low, Strobe
- **Power Source:** Rechargeable Battery (1 Nonstandard Battery included)
- **Charging:** USB-C (approx. 4 hours for full charge)
- **Runtime:** Approx. 4 hours (High), 12 hours (Low)
- **Material:** Aluminum (flashlight body), Soft Plastic (traffic cone)
- **Water Resistance:** IP68 Rated
- **Drop Resistance:** 1 Meter
- **Product Dimensions:** 6.3"L x 1.18"W x 1.38"H (flashlight base)
- **Item Weight:** 8 ounces
- **Included Components:** Battery, Lanyard, USB Cable

WARRANTY AND SUPPORT

UltraFire products are manufactured to high-quality standards. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official UltraFire website. Please retain your proof of purchase for any warranty claims.