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Makita DML817

Makita DML817 18V LXT Compact LED Flashlight Instruction Manual

Model: DML817

1. Introduction

This manual provides essential instructions for the safe and effective use of your Makita DML817 18V LXT Compact LED Flashlight. Please read this manual thoroughly before operation and retain it for future reference. The Makita DML817 is designed to provide portable illumination and features a USB charging port for compatible devices.

2. Safety Information

Always observe the following safety precautions to prevent personal injury and damage to the flashlight.

- Do not look directly into the LED light. The intense light can cause eye injury.
- Do not expose the flashlight to rain or wet conditions. Water entering the flashlight will increase the risk of electric shock.
- Do not use the flashlight if the battery terminal is damaged or corroded.
- Ensure the battery is securely installed before use.
- Use only genuine Makita 18V LXT Lithium-Ion batteries. Use of other batteries may cause injury or fire.
- Keep the flashlight out of reach of children.
- Disconnect the battery pack when not in use or when performing maintenance.

3. Package Contents

Verify that all items are present upon unpacking:

- Makita DML817 18V LXT Compact LED Flashlight (Tool Only)
- Warm White Lamp Shade (Diffuser)
- Instruction Manual

Note: Battery and charger are sold separately and are not included with this product.

4. Product Features

The Makita DML817 LED Flashlight offers several features for versatile illumination:

- **Compact and Ergonomic Design:** Low profile at under 4 inches long for easy handling and placement.
- **Neutral White LED Light:** Provides clear illumination suitable for various tasks.
- **3-Mode Operation:**
  - Top/Side lights: Up to 300 lumens
  - 2nd Press: Top light only (150 lumens)
  - 3rd Press: Side light only (150 lumens)
- **USB Charging Port:** Allows charging of compatible USB devices (5V/2.4A).
- **Extended Illumination:** Up to 29 hours of continuous illumination with an 18V LXT 6.0Ah Lithium-Ion battery (sold separately).
- **Rubberized Soft Grip:** Enhances comfort and secure handling.



Figure 1: Product Features Overview. This image highlights the key features of the Makita DML817 flashlight, including its low-profile design, 3-mode LED brightness, neutral white LED light, USB charging port, and rubberized soft grip. The flashlight is shown mounted on a Makita 18V 5.0Ah Lithium-Ion battery.

5. Setup

5.1 Battery Installation

The Makita DML817 is powered by an 18V LXT Lithium-Ion battery (sold separately).

1. Align the battery pack with the battery housing on the bottom of the flashlight.
2. Slide the battery into the housing until it clicks securely into place. Ensure it is fully seated.
3. To remove the battery, press the release button on the battery pack and slide it out.



Figure 2: Flashlight with Battery Installed. This image shows the Makita DML817 flashlight securely attached to a Makita 18V 5.0Ah Lithium-Ion battery, demonstrating its compact form factor when ready for use.

5.2 Attaching the Warm White Lamp Shade

The included warm white lamp shade (diffuser) can be attached to soften the light output.

1. Locate the small hinge points on the flashlight's light panel.
2. Align the lamp shade with these hinge points and gently snap it into place over the LED panel.
3. To remove, gently pull the shade away from the flashlight.



Figure 3: Attaching the Lamp Shade. This image illustrates a hand attaching the orange-tinted warm white lamp shade to the front LED panel of the Makita DML817 flashlight, demonstrating the simple installation process.



Figure 4: Flashlight with Lamp Shade. This image displays the Makita DML817 flashlight with the orange-tinted warm white lamp shade securely attached, ready to provide diffused illumination.

6. Operating Instructions

6.1 Power On/Off and Mode Selection

The flashlight features a single power button for controlling illumination.

1. **To Turn On:** Press the power button once. The flashlight will illuminate in the default mode (Top/Side lights, 300 lumens).
2. **To Change Modes:** Press the power button repeatedly to cycle through the illumination modes:
    - 1st Press: Top/Side lights (300 lumens)
    - 2nd Press: Top light only (150 lumens)
    - 3rd Press: Side light only (150 lumens)
3. **To Turn Off:** Press and hold the power button for approximately 1-2 seconds, or cycle through all modes until the

light turns off.



Figure 5: Power Button and USB Port. This image provides a close-up view of the Makita DML817 flashlight, clearly showing the power button on the top surface and the USB charging port on the side.

6.2 USB Charging Function

The integrated USB port allows you to charge compatible electronic devices using the flashlight's battery power.

1. Ensure a charged 18V LXT battery is installed in the flashlight.
2. Open the rubber cover protecting the USB port (labeled "USB 5V/2.4A").
3. Connect your device's USB charging cable to the flashlight's USB port.
4. Charging will begin automatically. The flashlight does not need to be turned on for the USB charging function to operate.
5. Close the rubber cover when not in use to protect the port from dust and moisture.

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your flashlight.

- **Cleaning:** Wipe the flashlight with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use for extended periods, remove the battery and store the flashlight in a dry, cool place, away from direct sunlight and moisture.
- **Battery Care:** Follow the battery manufacturer's instructions for charging, storage, and disposal of 18V LXT Lithium-

Ion batteries.

- **Inspection:** Periodically inspect the flashlight for any signs of damage, loose parts, or wear. Do not operate if damaged.

8. Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery not installed correctly. Battery is discharged. Flashlight is damaged.	Ensure battery is fully seated and clicked into place. Charge the battery. Contact Makita service center.
Light output is dim.	Battery is low. Lens is dirty.	Charge the battery. Clean the LED lens with a soft cloth.
USB charging not working.	Battery is low or discharged. USB cable is faulty. Device is incompatible.	Ensure battery is sufficiently charged. Try a different USB cable. Verify device compatibility with 5V/2.4A output.

9. Specifications

Feature	Detail
Model Number	DML817
Power Source	18V LXT Lithium-Ion Battery (sold separately)
Voltage	18 Volts
Bulb Type	LED
Brightness (Top/Side)	300 Lumens
Brightness (Top Only)	150 Lumens
Brightness (Side Only)	150 Lumens
USB Output	5V / 2.4A
Dimensions (L x W x H)	Approx. 11.43 x 7.62 x 5.08 cm (4.5 x 3 x 2 inches)
Weight (without battery)	Approx. 210 g (0.4 lbs)
Material	Plastic
Included Components	Tool Only (battery and charger not included); Warm white lamp shade

10. Warranty and Support

Makita products are manufactured under strict quality control standards. For detailed warranty information, please refer to the warranty card included with your purchase or visit the official Makita website. For technical support or service, please contact your local authorized Makita service center.

Official Makita Website: www.makita.ca

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