

Visual Fault Locator – LNT-VFL-30

Installation Instructions



MODELS

LNT-VFL-30

Visual Fault Locator

Warning:

To reduce the risk of fire or electric shock, do not expose the equipment to rain or humid environments. To prevent electric shock, do not open or disassemble the housing. Repairs and services should be performed by qualified personnel.

Laser Safety:

The laser is harmful to the eyes, do not disassemble the housing or look directly into the laser output port. Avoid direct eye exposure to the laser beam.

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Precautions for Use

Avoiding condensation:

Sudden changes in temperature should be avoided as much as possible. Do not use the device immediately after moving it from a cold environment to a warm environment, or when the surrounding temperature rises quickly as condensation could form inside the device.

If the device experiences a sudden temperature change, stop using and let it acclimate for at least one hour before powering it on.

Storage:

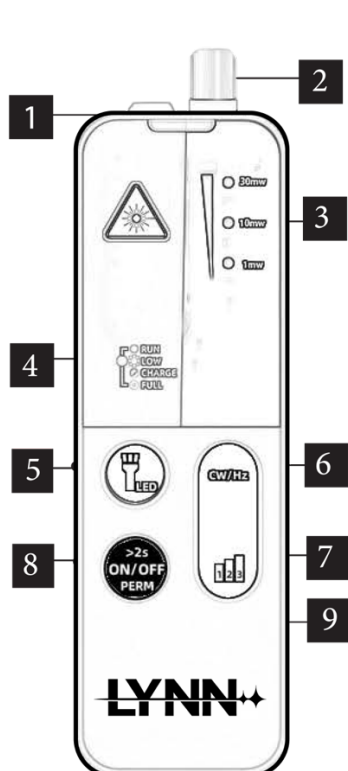
When the device is stored for a long time without being used, it should be charged to a medium state of charge. Storing the battery at a very high or very low state of charge for prolonged periods may reduce battery life and performance.

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Function Introduction



- 1 LED Light
- 2 VFL connector
- 3 Output Power Indicator
- 4 Power Status Indicator
- 5 LED Key
- 6 Frequency Adjustment Key
- 7 Output Power Adjustment Key
- 8 ON / OFF Key
- 9 USB Interface

In the off state, short - press the "**ON/OFF**" key, the device powers on and enters the power - saving mode (the buzzer sounds once, and the red - light pen automatically turns off after 5 minutes). Long - press the "**ON/OFF**" key, the device powers on and enters the always - on mode (the buzzer sounds twice, and the red -light pen will not automatically turn off). long - press the "**LED**" key to turn on/off the LED lighting. In the on state, short - press the "**LED**" Key to turn on/off the LED lighting.

In the on state, long - press the "**ON/OFF**" Key, the device turns off.

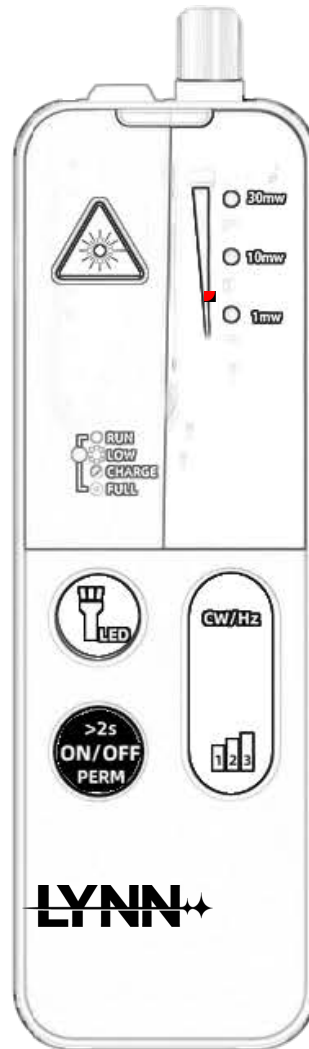
Note: When powered on, the laser output is 1mw by default (10mw for the 10mw model), and it cannot be turned off during the on state.

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Frequency Adjustment



After turning on the device, short - press the "  " key to switch the flashing frequency of the device. Short pressing once can change the working state of the device:

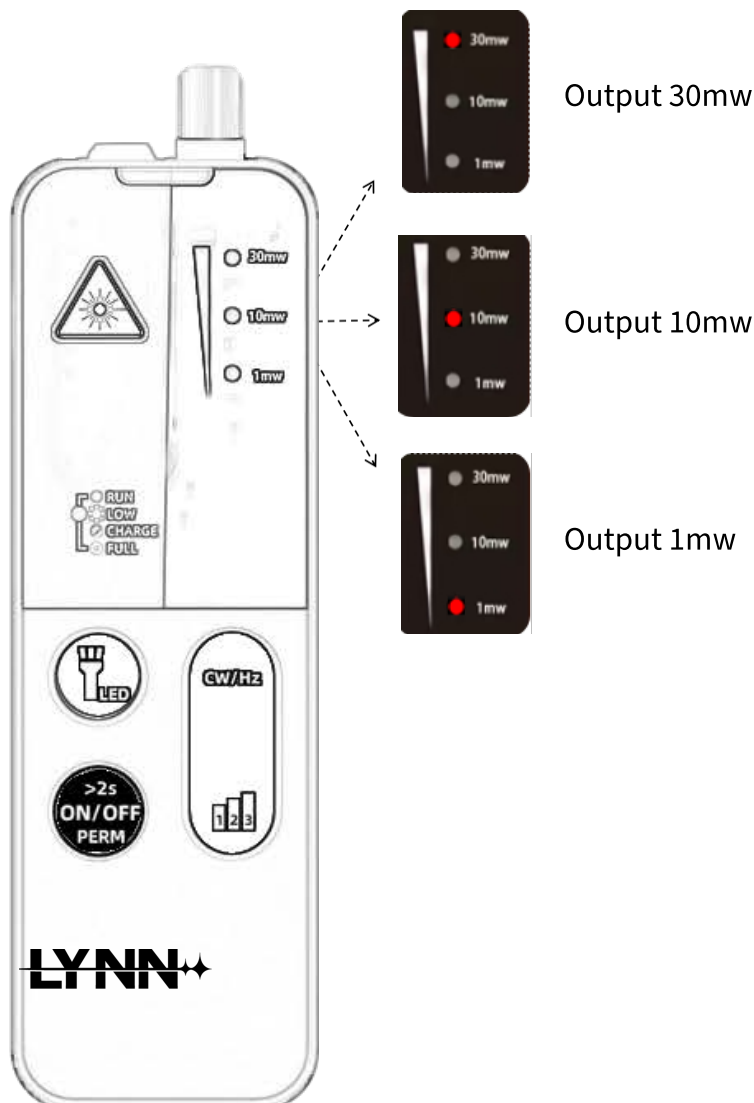
always on → 2Hz flashing → 5Hz flashing

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Output Power Adjustment



Short - press the "  " key to control the output power switching of the device. Short - pressing cycles to switch the output power of the device: **1 mw → 10 mw → 30 mw**

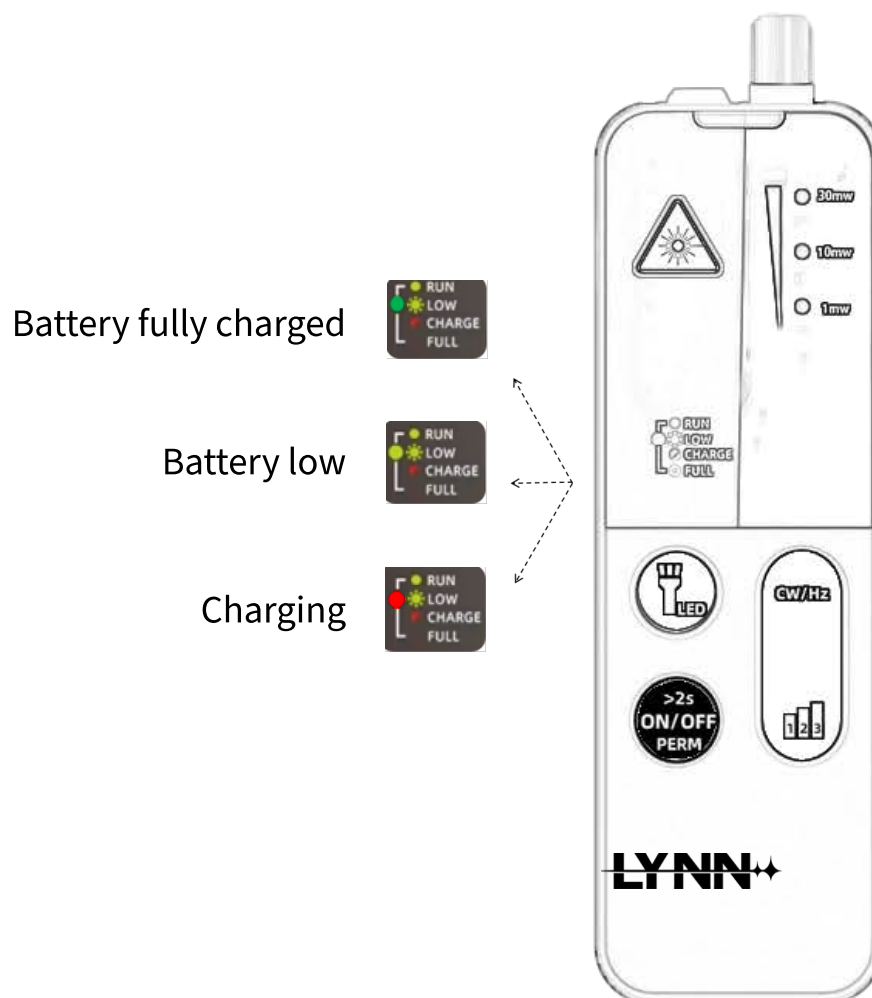
Note: Only the 30mw model supports this function. The "  " other models has no corresponding function.

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Battery Level Indication



Power Status Indicator:

In the 'off' state, the power indicator is off. In the 'on' state, when the power indicator is green, it indicates that the battery is fully charged. When the power indicator is yellow, it indicates that the battery is low.

During charging, the power indicator is red. When the battery is fully charged, the indicator turns off.