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› [Nitecore NU05 MI Green and IR Infrared Wearable USB Rechargeable Signal Indicator Light User Manual](#)

## Nitecore NU05-MI+ORG

# Nitecore NU05 MI Signal Indicator Light User Manual

Model: NU05-MI+ORG

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## INTRODUCTION

This user manual provides detailed instructions for the Nitecore NU05 MI Green and IR Infrared Wearable USB Rechargeable Signal Indicator Light. Please read this manual thoroughly before using the product to ensure proper operation, maintenance, and safety.

The Nitecore NU05 MI is a compact and versatile signal light designed for various applications, offering both green and infrared illumination modes. It features a built-in rechargeable battery and multiple attachment options for convenience.

## PACKAGE CONTENTS

- Nitecore NU05 MI Signal Indicator Light
- Lightweight Bracket
- USB Charging Cable
- Lumen Tactical Organizer Cable Case



Image: The Nitecore NU05 MI signal light shown alongside the included Lumen Tactical organizer cable case.

## SETUP

### Charging the Device

1. Locate the Micro-USB charging port on the Nitecore NU05 MI.
2. Connect the provided USB charging cable to the device and to a USB power source (e.g., computer, USB wall adapter).
3. The built-in battery life indicator will show charging status. Charge until the indicator shows a full charge.



## Built-in Rechargeable Li-ion Battery

Fearless of the power shortage

20  
h Max Runtime



Photo Credit: Tactical China

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Image: The Nitecore NU05 MI signal light with its Micro-USB port highlighted, demonstrating the charging connection.

## Attaching the Device

The NU05 MI offers multiple attachment options:

- **MOLLE Compatible Back Clip:** The device features a back clip designed to attach to standard MOLLE systems found on body armor, backpacks, or other tactical gear.
- **Lightweight Bracket with Hook-and-Loop:** Use the included lightweight bracket for attachment to surfaces with hook-and-loop fasteners, such as helmets or vests. The bracket also has slots for paracord, straps, or bungee cords to prevent loss.

## Lightweight Bracket Included

The hook-and-loop attachment on the back ensure a firm and secure attachment to surfaces. The slots on the side of the bracket can also be wrapped with paracord, straps, or bungee cords to prevent loss or damage.

**NU05 MI**  
NITECORE®  
MINI IR SIGNAL LIGHT



## Innovative Back Clip

The NU05 MI can be easily clipped onto standard MOLLE systems on body armor or backpacks.

Image: A visual representation of the lightweight bracket with hook-and-loop attachment and the innovative back clip for MOLLE systems.

## OPERATING INSTRUCTIONS

### Single Button Interface

The Nitecore NU05 MI is operated using a single button for all functions.

## User-Friendly Single Button Interface



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## Battery Life Indicator

Built-in LED remaining battery life indicator.

## IR Mode Indicator

Working Status of IR modes are indicated by the LED.  
IR Flashing - 3 quick flashes upon activation  
IR Steady on - 3 second flash upon activation

Image: The Nitecore NU05 MI highlighting its user-friendly single button interface and the location of the built-in battery life indicator.

## Mode Selection

The NU05 MI features dual light sources (Green and IR) with four available modes:

- IR Flashing
- IR Beam (Steady On)
- Green Flashing
- Green Beam (Steady On)

To cycle through modes, press the single button repeatedly. The device will cycle through the available modes in a predetermined order. Refer to the technical data for specific runtime information for each mode.

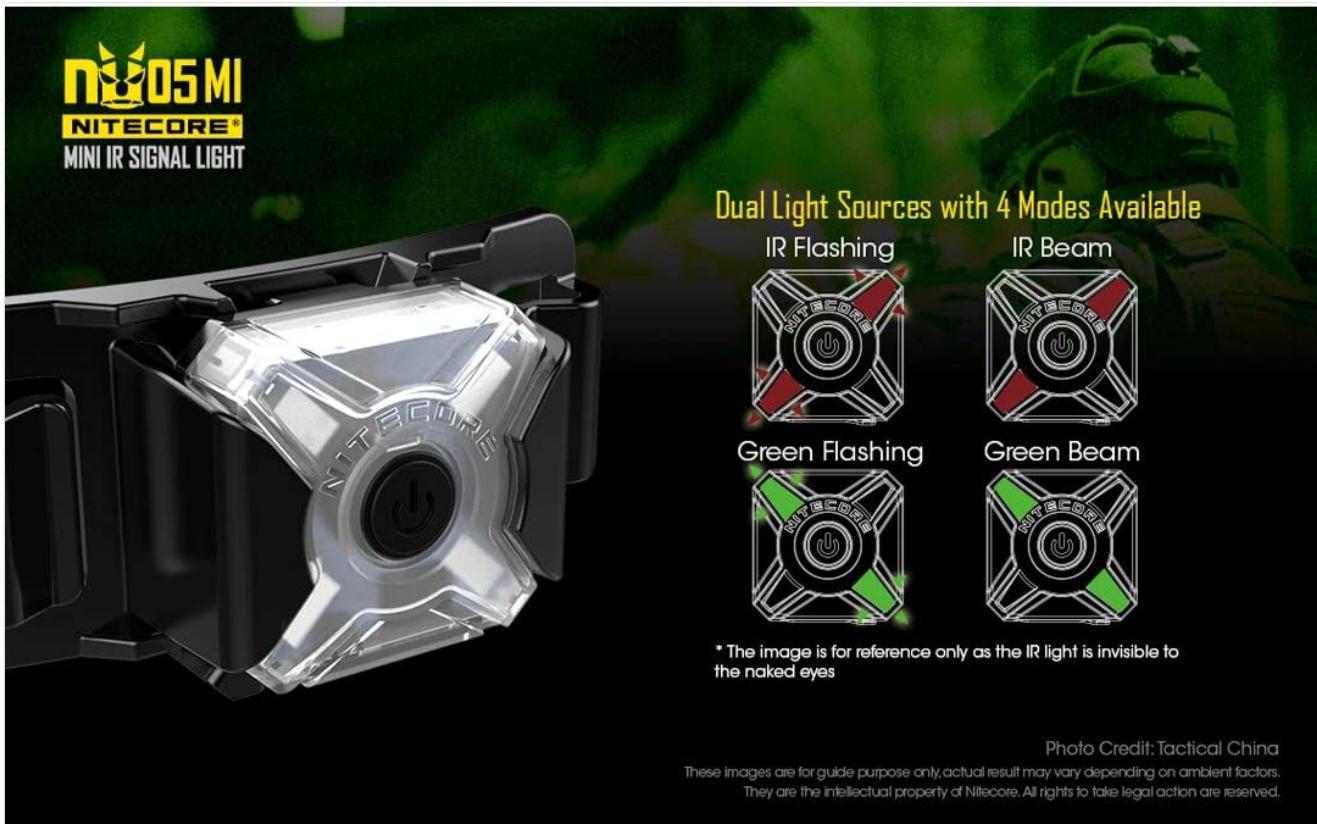


Image: A visual representation of the four available light modes: IR Flashing, IR Beam, Green Flashing, and Green Beam. Note: IR light is invisible to the naked eye.

## Battery Life Indicator

The built-in LED indicator provides information on the remaining battery life. When the battery is low, the indicator will signal that it is time to recharge the device.

## IR Mode Indicator

The working status of IR modes is indicated by the LED:

- **IR Flashing:** 3 quick flashes upon activation.
- **IR Steady On:** 3 second flash upon activation.

## MAINTENANCE

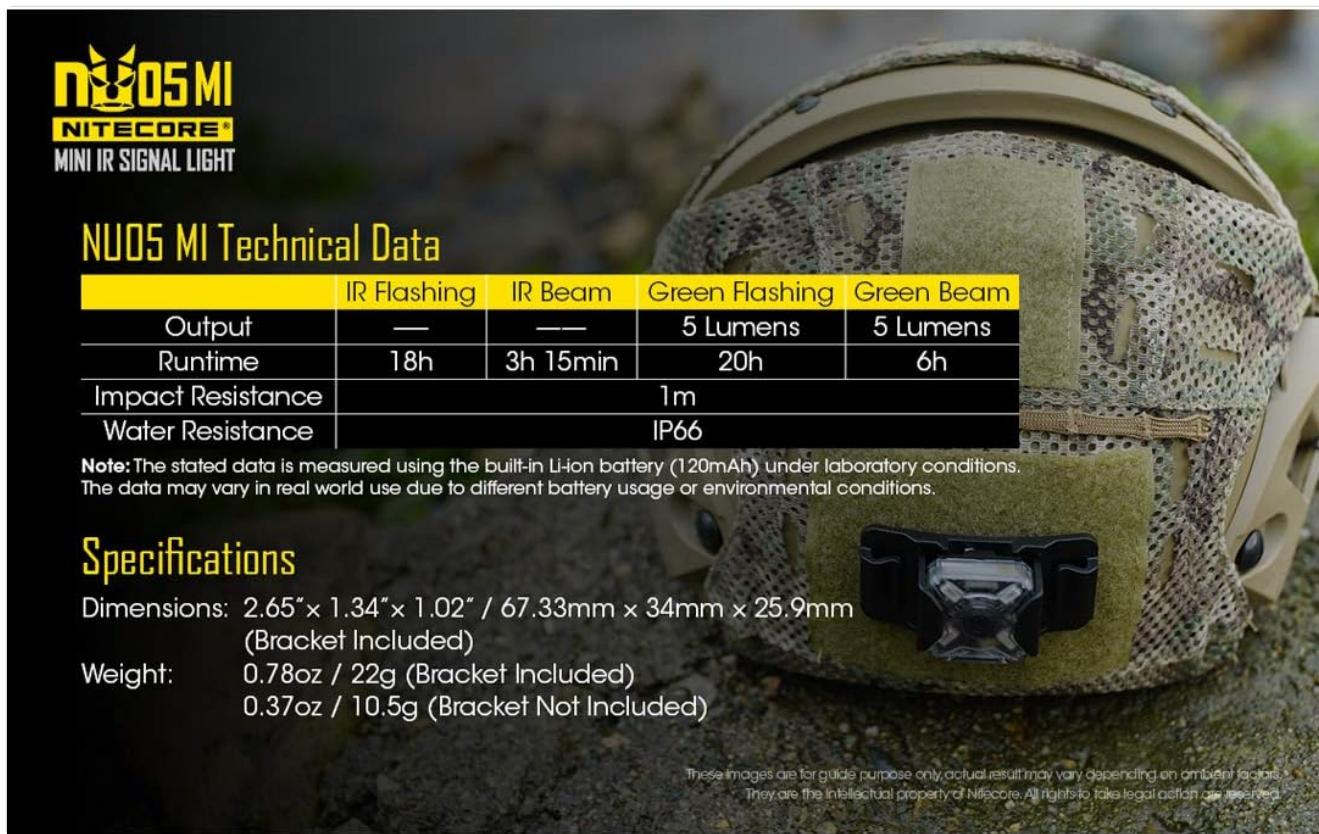
- Keep the device clean by wiping it with a soft, damp cloth. Avoid using abrasive cleaners.
- Ensure the USB charging port is free of dust and debris.

- Store the device in a cool, dry place when not in use.
- Recharge the battery regularly, even if not in frequent use, to maintain battery health.

## TROUBLESHOOTING

- **Device not turning on:** Ensure the battery is sufficiently charged. Connect to a USB power source and allow it to charge for a period.
- **Light output is dim:** The battery may be low. Recharge the device.
- **Charging issues:** Check the USB cable and power source. Try a different cable or port. Ensure the charging port on the device is clean.
- **IR light not visible:** Infrared light is not visible to the naked human eye. It requires night vision equipment for detection.

## SPECIFICATIONS



**NU05 MI**  
NITECORE®  
MINI IR SIGNAL LIGHT

**NU05 MI Technical Data**

	IR Flashing	IR Beam	Green Flashing	Green Beam
Output	—	—	5 Lumens	5 Lumens
Runtime	18h	3h 15min	20h	6h
Impact Resistance	1m			
Water Resistance	IP66			

**Note:** The stated data is measured using the built-in Li-Ion battery (120mAh) under laboratory conditions. The data may vary in real world use due to different battery usage or environmental conditions.

**Specifications**

Dimensions: 2.65" x 1.34" x 1.02" / 67.33mm x 34mm x 25.9mm  
(Bracket Included)

Weight: 0.78oz / 22g (Bracket Included)  
0.37oz / 10.5g (Bracket Not Included)

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Image: Detailed technical data for the Nitecore NU05 MI, including performance metrics and physical specifications.

### Nitecore NU05 MI Technical Data

Feature	Detail
Model	NU05-MI+ORG
Dimensions (LxWxH)	2.65 x 1.34 x 1.02 inches (67.33mm x 34mm x 25.9mm)
Weight (Bracket Included)	0.78 oz / 22g
Weight (Bracket Not Included)	0.37 oz / 10.5g
Material	Plastic

Feature	Detail
Color	Black
Impact Resistance	1 meter
Water Resistance	IP66
IR Flashing Runtime	18 hours
IR Beam Runtime	3 hours 15 minutes
Green Flashing Runtime	20 hours
Green Beam Runtime	6 hours
Green Output	5 Lumens

*Note: The stated data is measured using the built-in Li-ion battery (120mAh) under laboratory conditions. The data may vary in real world use due to different battery usage or environmental conditions.*

## WARRANTY AND SUPPORT

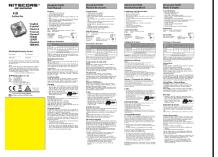
Nitecore products are covered by a warranty. For specific warranty terms and conditions, please refer to the official Nitecore website or contact their customer support directly. Keep your purchase receipt as proof of purchase.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please visit the official Nitecore website or contact their authorized distributors.

**Official Nitecore Website:** [www.nitecore.com](http://www.nitecore.com)

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## Related Documents - NU05-MI+ORG

	<p><a href="#"><u>Nitecore NU05 LE Mini Signal Headlamp User Manual</u></a></p> <p>User manual for the Nitecore NU05 LE Mini Signal Headlamp, detailing features, specifications, charging, operation, and warranty information.</p>
	<p><a href="#"><u>NITECORE NU05 Headlamp Mate User Manual - Features, Specs, Operation</u></a></p> <p>Comprehensive user manual for the NITECORE NU05 Headlamp Mate. Learn about its features, specifications, operating instructions, charging, and warranty.</p>
	<p><a href="#"><u>Nitecore EDC17 User Manual: Features, Specifications, and Operation</u></a></p> <p>Comprehensive user manual for the Nitecore EDC17 flashlight, detailing its features, specifications, operation, charging, and maintenance. Includes information on white light, UV light, and green laser modes.</p>

	<p><a href="#"><u>Nitecore NU27 MCT: Посібник користувача, характеристики та інструкції</u></a></p> <p>Детальний посібник користувача для ліхтаря Nitecore NU27 MCT. Дізнайтесь про функції, технічні характеристики, безпеку та інструкції з експлуатації.</p>
	<p><a href="#"><u>Nitecore NU25 / NU25 UL Dual Beam USB-C Rechargeable Headlamp User Manual</u></a></p> <p>User manual for the Nitecore NU25 and NU25 UL dual beam USB-C rechargeable headlamps. Details features, specifications, charging, operation modes (spotlight, floodlight, red light, SOS, beacon), power indication, warnings, and warranty.</p>
	<p><a href="#"><u>NITECORE NU53 Rechargeable Headlamp - User Manual &amp; Features</u></a></p> <p>Comprehensive user manual for the NITECORE NU53 headlamp, detailing features, specifications, operation, safety warnings, charging, and warranty information. Features 1800 lumens, multiple light sources, and sensor protection.</p>