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> CHI L.D. Light Meter Lite Instruction Manual

CHI Lite

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Precise Camera Rangefinder with Lighting and Laser Distance Measure

INTRODUCTION

The CHI L.D. Light Meter Lite is an advanced, compact tool designed for film photographers using Leica and other vintage cameras. It integrates a precise light meter with a laser distance measure, providing accurate exposure and focus information in a single device. This manual will guide you through the setup, operation, and maintenance of your L.D. Light Meter Lite to ensure optimal performance.



Figure 1: CHI L.D. Light Meter Lite, showcasing its light metering and laser rangefinder capabilities.

PRODUCT OVERVIEW

The L.D. Light Meter Lite combines essential photographic tools into a single, user-friendly device. Key features include:

- **Integrated Light Meter and Laser Measure:** Calculates exposure and distance with a single tap, streamlining the workflow for film photography.
- **30° Wide Angle Metering:** The Lite version offers a 30° metering angle, suitable for versatile, averaged scene exposure.
- **Built-in Laser Rangefinder:** Features a continuous-on laser mode for precise focus from 0.1 to 50 meters, effective even in low light conditions.
- **Bright 0.96" OLED Screen:** Displays critical information such as ISO, shutter speed, aperture, distance, and EV readings clearly.
- **Rechargeable Battery:** Equipped with a 370mAh rechargeable battery and USB-C charging cable, providing up to 90 days of standby time.



Figure 2: The 0.96" OLED screen displaying exposure and distance information.

1. **Charging the Device:** Before first use, fully charge the L.D. Light Meter Lite using the provided USB-C cable. Connect the cable to the USB-C port on the device and to a standard USB power source. The OLED screen will indicate charging status.
2. **Mounting on Camera:** Slide the L.D. Light Meter Lite onto your camera's hot shoe. Ensure it is securely seated. The device is designed to be compact and lightweight, fitting most standard hot shoe mounts.
3. **Initial Power-On:** Press and hold the power button (usually located on the side or top) for a few seconds until the OLED screen illuminates.



Figure 3: L.D. Light Meter Lite mounted on a camera.

OPERATING INSTRUCTIONS

Power On/Off

- To power on, press and hold the main button until the screen lights up.
- To power off, press and hold the main button until the screen turns off.

Light Meter Function

1. Ensure the device is powered on.
2. Point the light sensor (located on the front of the device) towards your subject or scene.
3. The 0.96" OLED screen will display the calculated exposure values, including recommended ISO, shutter speed, and aperture settings. The Lite version uses a 30° wide-angle metering for an averaged scene exposure.
4. Adjust your camera settings according to the readings on the L.D. Light Meter Lite.

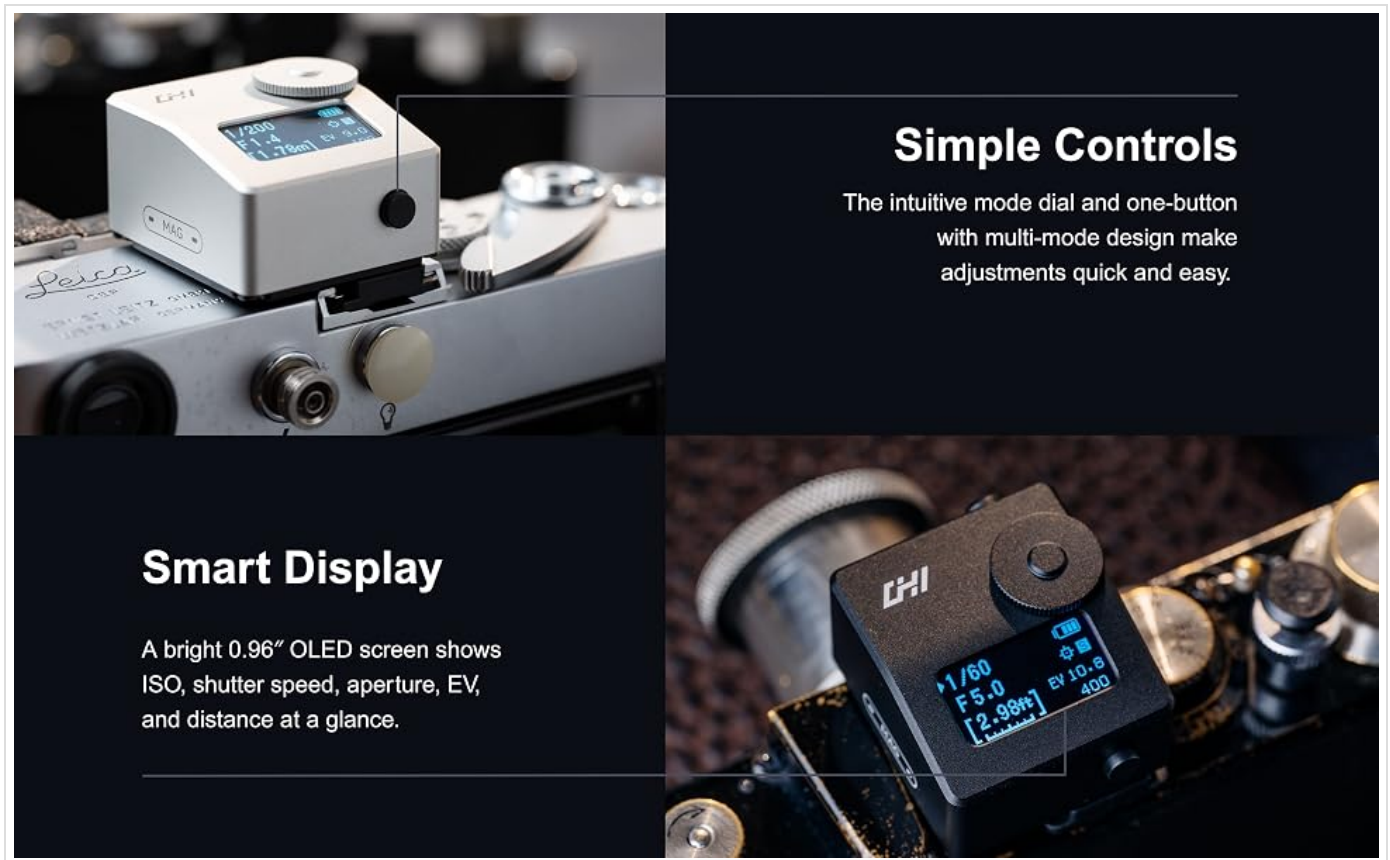


Figure 4: Using the light meter function.

Laser Rangefinder Function

1. Activate the laser rangefinder by pressing the dedicated laser button (if available) or through the main button's mode selection. The device features a continuous-on laser mode.
2. Aim the laser dot at your subject. The distance will be displayed on the OLED screen, ranging from 0.1 to 50 meters.
3. For precise focus, especially in low light, align the laser dot with your camera's rangefinder patch. When the two dots overlap, your focus is accurate.

The Light Receiving Angle

Pro
7°



Precise Lightness
Measurement for
Specific Areas

Lite
30°



Enhanced Light
Capture Across
Broader Scene

Figure 5: Laser-assisted focusing in low light.



Video 1: Demonstration of the CHI L.D. Light Meter's functionality, showing how it measures light and distance on a camera. This video illustrates the device in action, providing a visual guide to its operation.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid abrasive materials or harsh chemicals. For the OLED screen and light sensor, use a microfiber cloth specifically designed for optics.
- **Battery Care:** To prolong battery life, avoid fully discharging the device frequently. Recharge the 370mAh battery using the provided USB-C cable when the battery indicator is low.
- **Storage:** Store the L.D. Light Meter Lite in a cool, dry place away from direct sunlight and extreme temperatures. When not in use for extended periods, ensure it is partially charged (around 50%) before storage.

TROUBLESHOOTING

Device not turning on:

Ensure the battery is charged. Connect the device to a USB-C power source and allow it to charge for at least 30 minutes before attempting to power on again.

Inaccurate light readings:

Check if the light sensor is clean and unobstructed. Ensure you are pointing the meter correctly towards the subject or scene you wish to measure. Verify that the ISO setting on the meter matches your film's ISO.

Laser rangefinder not working or inaccurate:

Ensure the laser emitter and receiver are clean. Confirm the laser mode is active. The laser works best on non-reflective surfaces. Extreme bright light might affect laser visibility, but its measurement capability remains.

Screen is dim or unresponsive:

Recharge the battery. If the issue persists after charging, try resetting the device (if a reset option is available, typically by holding the power button for an extended period or looking for a small reset pinhole).

SPECIFICATIONS

Feature	Detail
Product Dimensions	1.42 x 1.26 x 0.79 inches
Item Weight	5.6 ounces
Battery Type	1 Nonstandard Battery (370mAh, rechargeable, included)
Charging Port	USB-C
Standby Time	Up to 90 days
Laser Range	0.1 to 50 meters
Metering Angle (Lite)	30° Wide Angle
Display	0.96" OLED Screen
Manufacturer	CHI

WARRANTY AND SUPPORT

Specific warranty details for the CHI L.D. Light Meter Lite are not provided in this manual. Please refer to the product packaging or the official CHI website for the most current warranty information and customer support contacts.

For technical assistance or inquiries, please visit the [CHI Store on Amazon](#) or contact CHI customer service directly.