



Eagle-i Series

LASER RANGEFINDER

G50M/G70M/G100M/G120M
T30/B50M/B70M



INSTRUCTION MANUAL

Laser Rangefinder User Manual

For your safety and to ensure proper use, please read this manual carefully before operating the device.

Safety

Laser Safety

Avoid direct exposure of the laser beam to the eyes. The Beiter Rangefinder Eagle-i Series uses a Class II laser, which is safe with normal use but can cause harm if misused.

Environment

Do not use the device under extreme temperatures or in wet or humid environments, as this may affect performance.

Battery Safety

Use only the recommended AAA alkaline batteries. Replace weak batteries to maintain measurement accuracy. Do not mix old and new batteries or different types.

Maintenance

Do not disassemble or modify the device yourself. Unauthorized repairs can void the warranty.

Installation

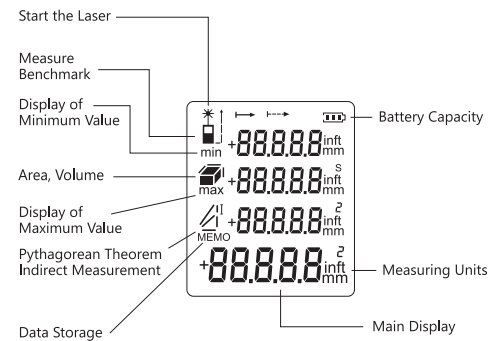
1. Battery Installation

- Open the battery compartment on the back of the device.
- Insert AAA alkaline batteries, ensuring correct polarity (+/-).
- Close the battery compartment securely.

2. Initial Setup

- Power on the device by pressing the **MEAS** button.
- Select your preferred measurement unit (meters, feet, or inches) by pressing the **U** button. Hold for a few seconds to alter between units.

Display Screen



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Operation Directions

Single Measurement

Press **MEAS** to capture a single distance.

Area Measurement

- Press **F/A** to select area mode.
- Measure the length and width to calculate the area automatically.

Volume Measurement

- Press **F/V** twice to select volume mode.
- Measure length, width, and height to calculate volume.

Continuous Measurement

Hold **MEAS** for 3 seconds to enable continuous measurement, helpful for finding minimum and maximum distances.

Indirect Measurement (Pythagorean Theorem)

Use this feature to calculate distances indirectly by capturing two or three measurements sequentially:

- Select Pythagorean mode with **F/I**.
- Follow on-screen prompts to take measurements for the required sides.
- The device will calculate the distance based on the Pythagorean theorem.

Additional Functions

Addition and Subtraction Measurement

Use addition and subtraction functions to combine or subtract measurements directly.

- Press **+/-** after each measurement to adjust the total displayed on screen.

Data Storage

- **Historical Data Storage:** The device can store up to 50 previous measurements for quick reference.
- Press the **F/A** button to cycle through functions until MEMO is shown. Press to **+/-** review stored measurements.

Warranty Regulations

This product is backed by a one-year warranty covering manufacturing defects. Proof of purchase is required. The warranty does not cover damage caused by misuse, unauthorized repairs, or modifications.

For assistance, contact your regional distributor, or:

Email: info@beiterlaser.com

Website: www.beiterlaser.com

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Technical Parameters

Feature	Specification
Measurement Accuracy	±1mm
Measuring Speed	0.5~2 seconds
Laser Power	<1mW
Laser Class	Class 2
Laser Wavelength	635nm / 520nm
Operating Temperature	0°C to 40°C
Storage Temperature	-5°C to 40°C
Historical Data Storage	50

Calibration & Repair Logbook

DATE:
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