



# Eagle-i Series

## LASER RANGEFINDER

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



Read through carefully and understand these instructions before use

### INSTRUCTION MANUAL

## Operation Directions

### Single Measurement

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

### Area Measurement

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

### Volume Measurement

- Press **F/ $\pi$**  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/ $\pi$** .
- Follow on-screen prompts to take measurements for the required sides.
- The device will calculate the distance based on the Pythagorean theorem.

## 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

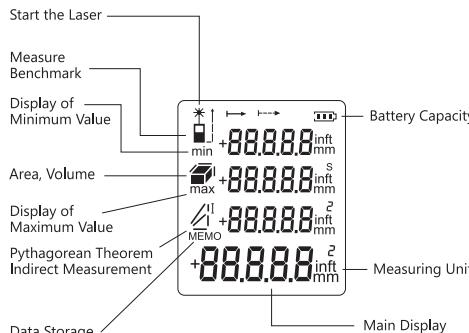
### 1. Battery Installation

- 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/F** button. Hold for a few seconds to alter between units.

## Display Screen



## 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/ $\pi$**  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](mailto:info@beiterlaser.com)

Website: [www.beiterlaser.com](http://www.beiterlaser.com)

## Stay Connected



## 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

For 2 generations, we live by the values of  
**SUSTAINABILITY**  
 IDEAS  
 TEAM WORK  
 PRESERVATION  
**LONGTERM VISION**  
 FAMILY  
 PARTNERSHIP  
 SYNERGY  
**GLOBAL THINKING**  
 HAPPINESS  
 QUALITY LIVING  
**CHILDREN**  
 EQUITY & INCLUSION  
 INNOVATION  
 FAIR OPPORTUNITY  
**BUILD BETTER**  
 SUSTAINABLE DEVELOPMENT GOALS



## Calibration & Repair Logbook

DATE:  
REMARK:

DATE:  
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