

Specifications

Size	6 x 1.8 x 1.8 in (152 x 46 x 46 mm)
Weight	8 oz / 227 g
Power/Life	CR123 - 2,000 shots
Display (Diagonal)	0.75 in / 19 mm
Laser	905 nm Class 1
Environmental	IP66
Adjustable Turrets	Yes, up to +/-30 MOA
Locking Turrets	Yes
Range	1,100 yd / 1,000 m
Assembly	Waterproof, fog-proof, and shock-proof



DiMA1000 Laser Rangefinder Setup Guide

Warranty: TRYBE™ products are made for performance and durability and are covered by the TRYBE™ warranty. For full warranty information please visit www.TrybeDefense.com. You can also reach out to our TRYBE™ team at 1-800-511-4801 or email sales@trybedefense.com in order to process a warranty claim.

1 (800) 511-4801 • sales@trybedefense.com
www.TrybeDefense.com

Install/Replace Battery

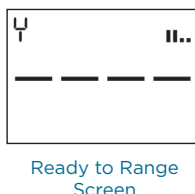
To install CR123 battery, grasp the front end of the unit and rotate the knurled ring counter-clockwise to remove the tail cap and expose the battery compartment.

Install the battery with positive terminal facing out. To close battery compartment, align groove on knurled ring with two white marks, press and rotate knurled ring clockwise to reattach tail cap.



Powering On

Press the Left button for 3 seconds to power the unit on. A splash screen will appear followed by a ready to range screen. And if connected to a compatible TRYBE Optics device, the same image will also be displayed.



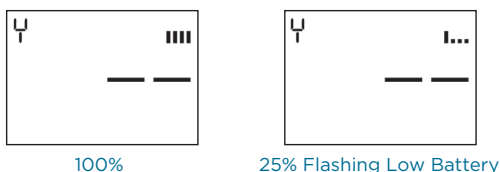
Distance units are shown in the upper left hand corner and battery life indicator in upper right. Press the Left button again for 3 seconds to power the unit off.



Battery Indicator

The LRF will automatically power down after 2hrs of inactivity. Setting SLEEP mode to OFF overrides this feature.

When the battery level reaches 25%, the battery indicator will begin to flash. The unit will power down approximately 2min after the low battery warning begins.



100%

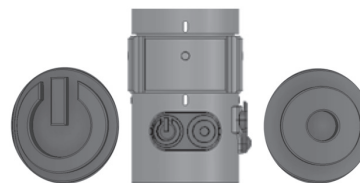
25% Flashing Low Battery

Button Operation

The following diagram illustrates the button operation of the LRF for powering on/off, menu selection and ranging.

Left Button

- Power ON/OFF
- Menu
- (Menu) ENTER/SELECT



Right Button

- Display Brightness
- Ranging
- (Menu) SCROLL/SET VALUE

Display Brightness

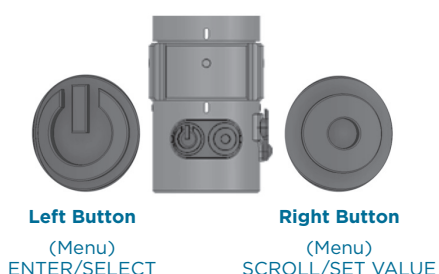
Press (short press) Right Button to increase the display brightness. If connected to compatible device, both displays will be at maximum brightness after each power cycle. Pressing the Right Button will step to the lowest setting and both displays will increase brightness at the same rate. After one cycle of adjustment, the LRF display will go blank and the internal display will adjust separately.



Menu

Press (short press) Left Button to access menu.

- Right Button - scroll and set value
- Left Button - select and enter



```
VLP  ON
UNITS  IMP
SLEEP  OFF
DIST  BOTH
EXIT
```

VLP (Visible Laser Pointer) OFF/ON/REM

```
VLP  OFF
UNITS  IMP
SLEEP  OFF
DIST  BOTH
EXIT
```

UNITS options
IMP (yds) and SI (m)

```
VLP  OFF
UNITS  IMP
SLEEP  5
DIST  BOTH
EXIT
```

SLEEP settings - inactivity
OFF, 1 min, 5 min, 10 min

```
VLP  OFF
UNITS  IMP
SLEEP  5
DIST  HORZ
EXIT
```

DIST (Distance) options:

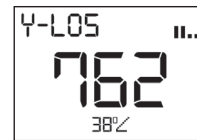
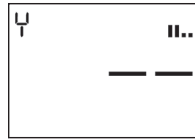
BOTH = LOS (Line of Sight) and HORZ (Horizontal) distances displayed while ranging

LOS = Line of Sight distance with incline angle only displayed

HORZ = Horizontal equivalent distance corrected based on incline displayed

Ranging

Laser Ranging is activated by a 1 second press of the Right Button or by using the provided Remote Trigger. Press and hold to perform continuous measurements. Dashes rolling right to left indicate a distance measurement is in progress.



Depending on the DIST (Distance) setting in the Menu, after the button or trigger is pressed and released, a Line of Sight (LOS) distance with incline angle will display or if set to HORZ, the Horizontal Equivalent will be displayed. If set to BOTH, LOS followed by HORZ will cycle twice. HORZ will persist until a new measurement is initiated.

Remote Trigger

Ranging and VLP can be controlled using the provided Remote Trigger. To install, first unplug or remove USB protective cover. Then insert the Remote Trigger, noting the plug to port orientation.

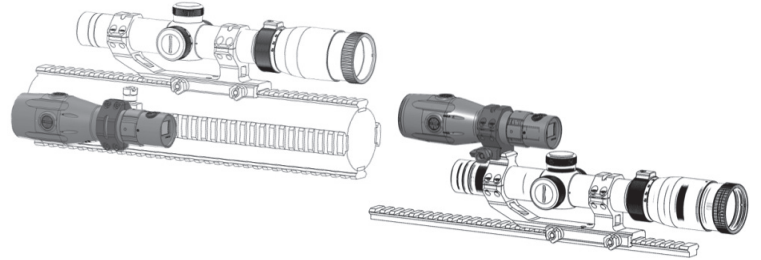
If desired, the attached cable strap can be secured to the unit with a phillips screwdriver. Be sure to align the screw straight to the top hole as shown.



Mounting

The TRYBE Optics DiMA1000 laser rangefinder is designed to mount with the included 30mm ring. 1/2" clamping nut should be torqued to 65 in lbs.

Two common implementations are shown. The rangefinder mounts atop a riflescope or directly to a side accessory rail. Both offer clear viewing of the display and access to the control buttons.



Boresighting

Activate the Visible Laser Pointer (VLP) which indicates where the rangefinder is pointing. Remove protective cover to expose the laser pointer and adjust the VLP to co-align a desired point parallel to the riflescope's reticle using boresight adjustments.

To avoid long distance aiming errors, a constant offset between VLP and riflescope reticle should be the same as the vertical/horizontal spacing between riflescope and LRF. Example: If mounting LRF to side rail, VLP should be low and to the left of the riflescope reticle center. Place the following boresight target at 10 yds to ensure parallel co-alignment for three different mounting configurations based on a 2" offset.

Once boresighting is complete, tighten locking screw to 5 in lbs maximum.

