GOTO DISC GOLF RANGEFINDER

INSTRUCTION MANUAL

1. Introduction

The GoTo Disc Golf Rangefinder (the "**GTDGR**") measures horizontal distance, slope distance, vertical height difference and angle in feet, meters and yards. The GTDGR comes in a box which includes a carrying case with a belt loop, lens cloth and power cord to charge the lithium battery which comes with the GTDGR.

2. Specifications

Size	109mm x 40mm x 70mm
Weight	189g
Battery Type	Lithium (included)
Unit Measurement	Feet, Meter, and Yard
Range	Approximately 15-2000 feet; 5-600 meters; 5-670 yards *Depends on size and nature of target and weather condition*
Accuracy	1.6 feet; 0.5 meter; 0.5 yard
Angle Measurement	-90° to +90°
Ambient Temperature	-20°C to 60°C; -4°F to 140°F
Laser Safety Type	Class 1, Laser wavelength 905nm
Magnification	6x
Features	Water Resistant; Magnetic Mount; Camera Tripod Mount

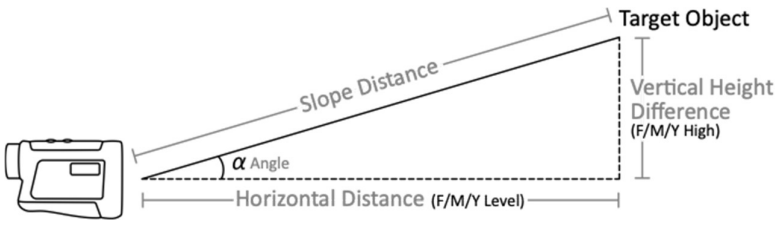
3. Safety Precautions

a. Handle the GTDGR with care. The GTDGR may get damaged if dropped, disassembled, or exposed to liquids or to temperatures below -20°C (-4°F) or above 60°C (140°F).

b. Do not look at the sun through the eyepiece; doing so may cause permanent damage to your eyes and certain internal parts of the GTDGR.

4. How the Technology Works

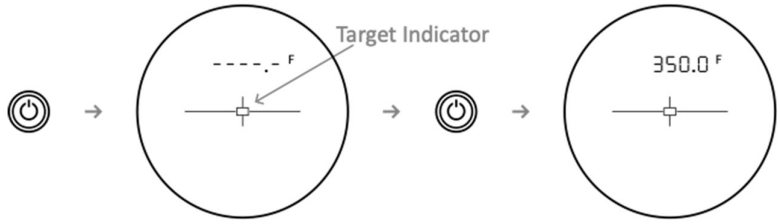
The GTDGR uses a 905 nanometer laser that meets the standard of Class 1 and is safe for human eyes. It emits energy pulses and its microprocessor determines slope distance, horizontal distance and vertical height by calculating how much time it takes for each pulse to travel from the GTDGR to the target and from the target back to the GTDGR.



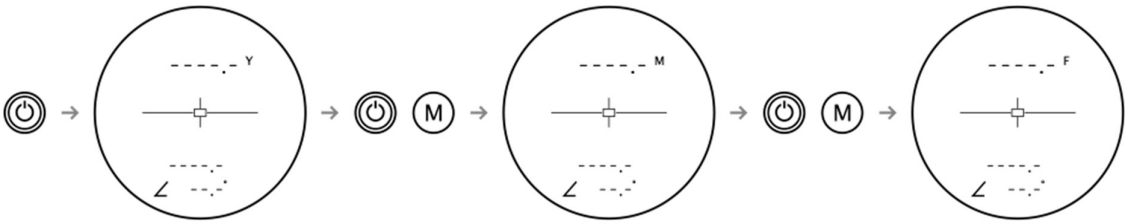
5. Basic Operation

a. The GTDGR is an optical telescope when it is not turned on. If the display in the eyepiece is blurry, rotate the eyepiece adjustment in either direction until the display is sharp.

b. Press and release the *Power Button* to turn on the GTDGR. Aim the Target Indicator on a target at least 15 feet / 5 meters / 5 yards away and press the *Power Button* to display the slope distance, being the distance from the GTDGR to the target.



c. Press and hold the *Power Button* and the *Mode Button* simultaneously to switch among the unit measurements of feet, meters and yards.



d. The GTDGR is programmed to shut off automatically to extend its battery life if it is not used for approximately 30 seconds. There is no off button. When you insert the power cord into the GTDGR, the battery indicator to the right of the insertion point will flash red if not fully charged and green if fully charged.

6. Seven Different Measurement Modes

The GTDGR displays measurement in seven (7) different modes. The last mode in use will be displayed when the GTDGR is turned on. Press the *Mode Button* to change modes. The modes will change in the following sequence.

a. **Vertical Distance Mode (VD)**: Measures the difference in elevation from the GTDGR to a target.

i. Press and release the *Power Button* to start.

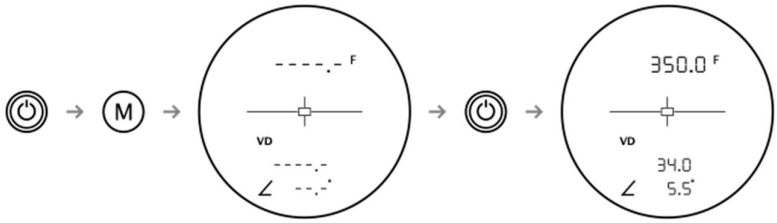
ii. Press the *Mode Button* until VD is displayed.

iii. Aim the *Target Indicator* at a target.

iv. Press the *Power Button* to measure.

v. The vertical distance will be displayed.

vi. Note that the slope distance is displayed in all modes and the angle (the angle from the GTDGR to a target measured from -90° to +90°) is displayed in all modes except Storage Mode.



b. **Horizontal Distance Mode (HD)**: Measures the horizontal distance (the distance to a point above or below a target) as the GTDGR scans an area.

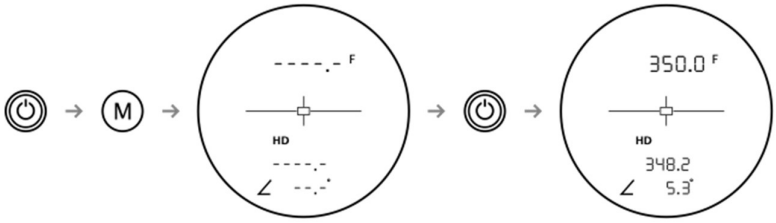
i. Press and release the *Power Button* to start.

ii. Press the *Mode Button* until HD is displayed.

iii. Aim the *Target Indicator* at a target.

iv. Press the *Power Button* to measure.

v. The horizontal distance will be displayed.



c. **Two Points Height Measurement Mode (HT)**: Measures the height difference between two targets.

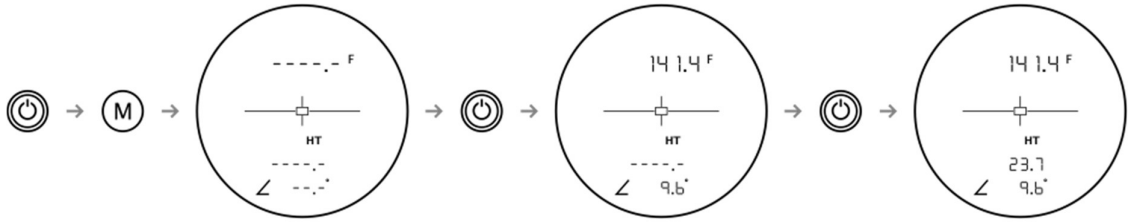
i. Press and release the *Power Button* to start.

ii. Press the *Mode Button* until HT is displayed.

iii. Aim the *Target Indicator* at a first target and press the *Power Button.*

iv. When the HT flashes, aim the *Target Indicator* at a second target and press the *Power Button*.

v. The vertical height between the two targets will be displayed.



d. **Closest Distance Measurement Mode (CL)**: Measures the distance of the closest target among various targets.

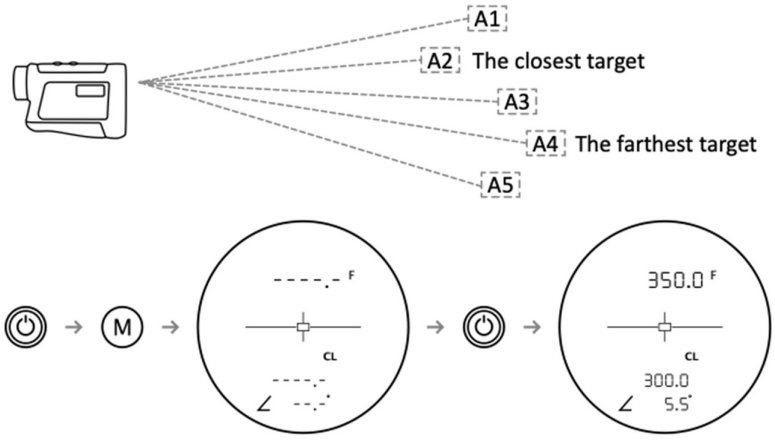
i. Press and release the *Power Button* to start.

ii. Press the *Mode Button* until CL is displayed.

iii. Aim the *Target Indicator* at various targets.

iv. Press and hold the *Power Button* to measure; the GTDGR will record measurements for multiple targets.

v. The data displayed using the CL mode indicates the distance of the closest



target.

e. **Farthest Distance Measurement Mode (FA)**: Measures the distance of the farthest target among various targets.

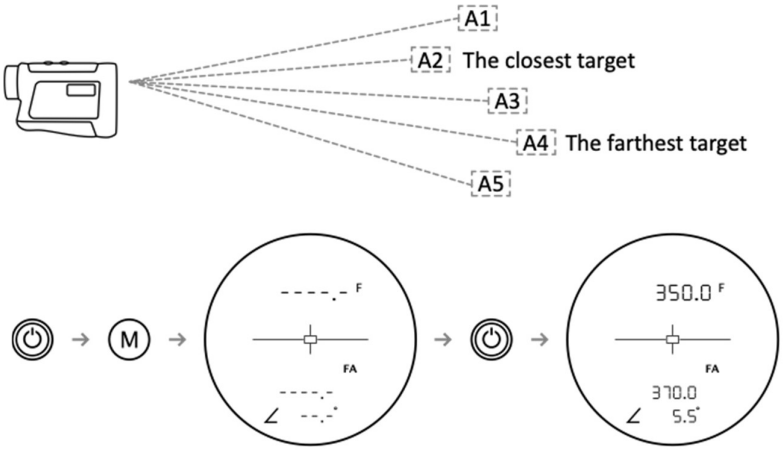
i. Press and release the *Power Button* to start.

ii. Press the *Mode Button* until FA is displayed.

iii. Aim the *Target Indicator* at various targets.

iv. Press and hold the *Power Button* to measure; the GTDGR will record measurements for multiple targets.

v. The data displayed using the FA mode indicates the distance of the farthest target.



f. **Golf Distance Compensation Mode**: Calculates the recommended throwing distance after accounting for elevation.

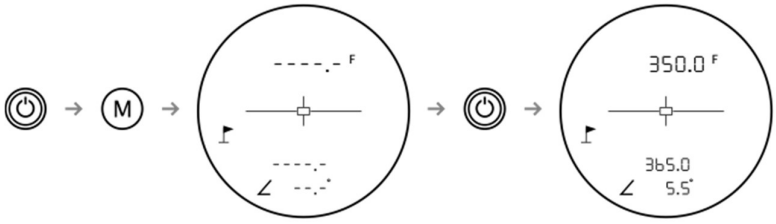
i. Press and release the *Power Button* to start.

ii. Press the *Mode Button* until the flagpole is displayed.

iii. Aim the *Target Indicator* at a target.

iv. Press the *Power Button* to measure.

v. The recommended throwing distance will be displayed. When the target is above the GTDGR, the recommended throwing distance will be greater than the actual distance; when the target is below the GTDGR, the recommended throwing distance will be less than the actual distance.

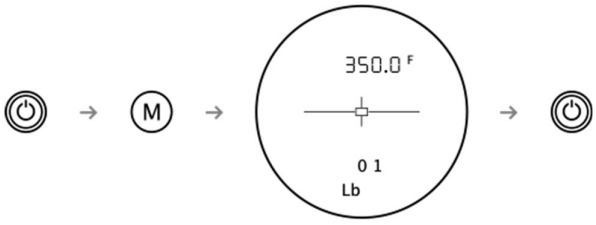


g. **Storage Mode (lb for look back)**: Stores your most recent 20 slope distance readings with the most recent measurement (01) displayed first.

i. Press and release the *Power Button* to start.

ii. Press the *Mode Button* until lb is displayed on the bottom.

iii. Press the *Power Button* to scroll through previous measurements.



7. Angle Calibration

After taking a measurement with the GTDGR at a horizontal plane, the angle value should display as 0° if the GTDGR is properly calibrated.

a. Press and release the *Power Button* to start.

b. Press the *Mode Button* until *HD Mode* is displayed.

c. Press and hold the *Mode Button* for two seconds.

d. The angle value should be displayed as *CAL*.

e. Place the GTDGR on a horizontal plane with adjusted horizontal angle.

f. Press the *Mode Button* to complete angle calibration.