Laser Range Finder

Thank you for purchasing the Nikon Callaway id TECH. This laser rangefinder is designed to accurately measure the horizontal distance to a target. It is easy to use even by those who are not familiar with laser rangefinder operations and offers a high-resolution display with which to observe results.

Use of alterations or adjustments of performance of products other than those specified herein may result in hazardous radiation exposure.

Specifications

- Distance/Height : 500m/11 - 550 yards/33-999 feet
- Eye relief (mm) 18mm
- Vertical Separation 4.5°
- Weight Approx. 210g (without battery)
- Operating humidity 80% RH (without dew condensation)
- Storage temperature -10° to 50°C
- Battery CR2 lithium battery

Operational Summary

1. Aim the ball in the line of the target (Birdie Chasing).
2. Power on the unit using the POWER button. Display of the unit is turned on after 5 seconds.
3. Aim the target to be measured to the line of the laser beam. When the target is in focus, the symbol (■) is displayed.
4. While the symbol (■) is displayed, press the POWER button. Distance and height are displayed.
5. Target measured through glass or highly reflective target is displayed.

- Target measured through glass
- Targets with highly reflective surfaces
- Bright-coloured targets

The following factors ensure best range and accuracy:

- If the battery charge is getting low: When the battery charge is getting low, the battery symbol will appear on the display after 5 minutes of display. The unit will turn off automatically when the battery is totally discharged.

Warning: Never look directly at the laser beam or directly at the sun when using the Nikon Callaway id TECH. Failure to follow this instruction could result in hazardous radiation exposure.

Laser Rangefinder

Type of Laser: Continuous

OPERATION

- Distance display

Operate the ball on the line of the target (Birdie Chasing)

Distance and height are displayed.

After the mode is set, measurements are performed in the new mode.

- On-off setting

Turning on/off: To turn on, press the POWER button. To turn off, press the POWER button again or for up to 10 minutes.

■ Power off symbol appears

- Measurement units

Distance is displayed in yards. Height is displayed in feet.

- Dioptr adjustment

Adjust diopter to obtain a clear image in the LCD.

- Battery check

Displays the results.

- Display of results

The Nikon Callaway id TECH emits invisible, eyesafe, infrared energy pulses at a data rate of less than 5 mm (0.20 in) per 180° for up to 30 minutes.

- Accuracy

Horizontal Distance 

- Power range

The horizontal distance measurements can be performed (Distance) 0.5 meter/yard, 1 foot

- Display Units

Indicates distance being measured in yards.

- Angle display

Measures the angle between the Nikon Callaway id TECH and the target.

- Target being measured

Select the symbol (■) (when pressed in the correct order).

- Date display

Displays the current date.

- Battery Status

Battery charge is getting low.

- Distance display

Displays the results.

- Measurement and Display

Displays the measurement and display examples.

- Battery check

Displays the battery status.

- Power off symbol appears

- Dioptr adjustment

Adjust diopter to obtain a clear image in the LCD.

- Battery check

Displays the results.

- Display of results

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- Display Units

Indicates distance being measured in yards.

- Angle display

Measures the angle between the Nikon Callaway id TECH and the target.

- Target being measured

Select the symbol (■) (when pressed in the correct order).

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Displays the current date.

- Battery Status

Battery charge is getting low.

- Distance display

Displays the results.

- Measurement and Display

Displays the measurement and display examples.

- Battery check

Displays the battery status.

- Power off symbol appears

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Adjust diopter to obtain a clear image in the LCD.

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Indicates distance being measured in yards.

- Angle display

Measures the angle between the Nikon Callaway id TECH and the target.

- Target being measured

Select the symbol (■) (when pressed in the correct order).

- Date display

Displays the current date.

- Battery Status

Battery charge is getting low.

- Distance display

Displays the results.
# Nikon Callaway ID TECH / Measurement and Display

## Power On/Off and others

1. **Initial screen (FULL mode)**
   - After turning on your instrument, the initial screen appears.
   - Measurement modes are indicated by "FULL" (FULL mode) and "MODE" (Limited mode).
   - The POWER button is used to measure in each mode. The POWER button and external LEDs are illuminated until the operation is complete.

2. **Measurement standby**
   - Last use symbol (shown on right) appears when the display is in Limited mode.
   - The symbol will not appear when Limited mode is set.

3. **Linear distance**
   - Measure the distance between two points.
   - The distance and height are indicated by a laser irradiate symbol (both points). Operation mode is checked by display examples.
   - Repeat step 4-1.

4. **Angle (from horizontal)**
   - The angle and vertical distance are indicated by "ANGLE" (ANGLE mode) when set at FULL mode.
   - The angle and vertical distance are displayed after measurement is complete.

5. **Height (from horizontal)**
   - Height mode is set after aiming.
   - The result shown is the height of the 1st target.
   - After setting the target, the height mode is set.
   - The laser irradiate symbol is displayed.
   - Display examples (2nd target):

## Operation/Results

1. **Linear distance**
   - After selecting "Linear distance," the distance (m) is measured and displayed.
   - Measurement values are indicated by "(mm)" (OFF), "(km)" (ON).

2. **Horizontal distance**
   - Horizontal distance measurement is indicated by "(km)" (OFF), "(mm)" (ON).

3. **Height (from horizontal)**
   - Height mode is set after aiming.
   - The result shown is the height of the 1st target.
   - After setting the target, the height mode is set.
   - The laser irradiate symbol is displayed.

## Measurement OK

1. **Horizontal distance**
   - When the target is upward, display shows the distance (m).
   - When the target is downward, display shows the distance (m).

2. **Height (from horizontal)**
   - When the target is upward, display shows the height (m).
   - When the target is downward, display shows the distance (m).

## Failure to measure

1. **Horizontal distance**
   - When the target is upward, display shows "(mm)" (OFF), "(km)" (ON).
   - When the target is downward, display shows "(mm)" (OFF), "(km)" (ON).

2. **Height (from horizontal)**
   - When the target is upward, display shows "(mm)" (OFF), "(km)" (ON).
   - When the target is downward, display shows "(mm)" (OFF), "(km)" (ON).