

GARMIN®

APPROACH® Z10

Laser Rangefinder



Owner's Manual

Table of Contents

Introduction.....	3
Device Overview.....	3
Installing the Battery.....	4
Adjusting the Eyepiece.....	4
Ranging Display Overview.....	5
Waking Up the Device.....	5
Sleep Mode.....	5
Using Setup Mode.....	5
Using Tournament Mode.....	6
 Bluetooth® Connected Features.....	 7
Pairing Your Phone.....	7
Pairing a Compatible Device.....	7
 Measuring the Distance to the Pin....	 8
 Measuring the Distance to a	
Target.....	9
Troubleshooting Ranging Accuracy.....	9
 Device Information.....	 10
Device Care.....	10
Cleaning the Device.....	10
Device Storage.....	10
Product Updates.....	10
Specifications.....	10
Getting More Information.....	10

Introduction

⚠️ **WARNING**

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

Failure to heed the following warnings could result in death, serious injury, or property damage.

This device requires no regular maintenance. In the event that the device becomes damaged or is inoperable, repair or service must be handled by authorized, factory-trained technicians only. Attempting to repair or service the unit on your own can result in direct exposure to laser radiation and the risk of permanent eye damage. For repair or service, contact your dealer or Garmin® for more information.

This device has a protective housing which, when in place, prevents human access to laser radiation in excess of the accessible emission limit (AEL) for Class 1 laser products. This device should not be modified or operated without its housing or optics. Operating this device without a housing and optics, or operating this device with a modified housing or optics that expose the laser source, may result in direct exposure to laser radiation and the risk of permanent eye damage. Removal or modification of the diffuser in front of the laser optic may result in the risk of permanent eye damage.

⚠️ **CAUTION**

Failure to heed the following cautions could result in minor or moderate injury, or property damage.

This device emits laser radiation. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This laser product is designated Class 1 during all procedures of operation. When the ranging feature of the device is activated, a laser emitter of a ranging module may emit laser radiation and the device should not be aimed toward anyone. Avoid looking toward the laser emitter or into the laser radiation (beam) when operating the device. It is advisable to turn off the ranging module when it is not in use. This device must be used only according to the directions and procedures described in the owner's manual, available at garmin.com/manuals.

Do not leave this device within the reach of children.

Device Overview



① TOURNAMENT Status LED	When tournament mode is enabled, the LED is solid blue. When applying a firmware update to the rangefinder, the LED flashes blue (Product Updates, page 10).
② MODE	Press to enable tournament mode and turn off the PlaysLike feature (Using Tournament Mode, page 6). Hold to open setup mode (Using Setup Mode, page 5).
③ ⏻ ⊖	Press to wake up the device (Waking Up the Device, page 5). Press to range with the laser for 3 seconds or until the rangefinder locks onto the pin (Measuring the Distance to a Target, page 9 , Measuring the Distance to the Pin, page 8). Hold to actively range with the laser for up to 8 seconds or until the rangefinder locks onto the pin.

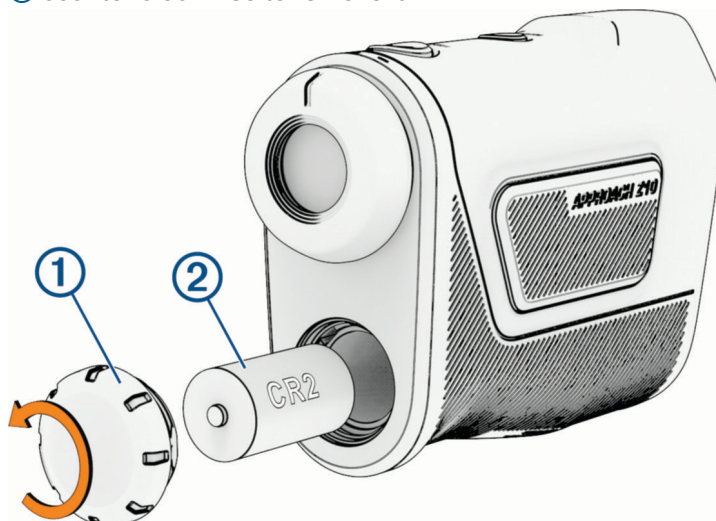


④ Adjustable diopter	Rotate the eyepiece to focus the screen (<i>Adjusting the Eyepiece</i> , page 4).
⑤ Battery cover	Remove to install or replace the CR2 battery.
⑥ Device label	View manufacturer's identification and certification. www.garmin.com Made in Myanmar CLASS 1 CONSUMER LASER PRODUCT EN 50689:2021 Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1Ed. 3., as described in Laser Notice No.56, dated May 8, 2019 Garmin 1200 E 151st St, Olathe, KS 66062

Installing the Battery

The Approach® Z10 rangefinder uses a CR2 battery.

- 1 Turn the battery cover ① counter-clockwise to remove it.



NOTE: You should verify the gasket and battery compartment are free of debris.

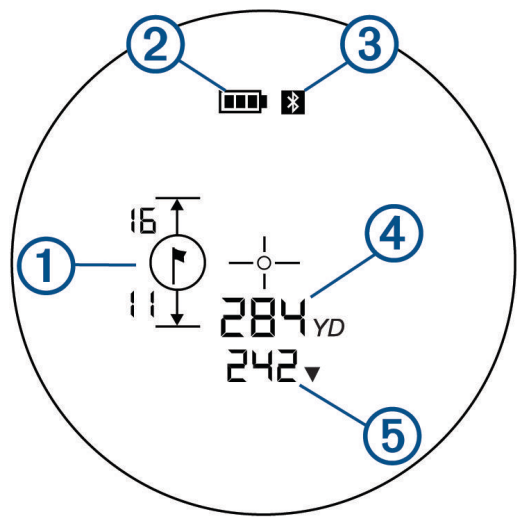
- 2 Insert the included CR2 battery ②, observing polarity.
- 3 Reattach the battery cover, and turn it clockwise to close it.

Adjusting the Eyepiece

The rangefinder features an adjustable eyepiece (+/- 3.5 diopter adjustment). This allows you to focus the image in the display for your eyesight.

Rotate the eyepiece in or out to focus the display.

Ranging Display Overview



① Pin indicator	Indicates the rangefinder is locked on to the pin for the current hole and displays the distances from the pin to the front and the back of the green. (<i>Measuring the Distance to the Pin, page 8</i>) NOTE: To use this feature, your rangefinder must be paired to the Garmin Golf™ app or a compatible device (<i>Pairing Your Phone, page 7, Pairing a Compatible Device, page 7</i>).
② Battery indicator	Indicates the battery level of the rangefinder. When the rangefinder is awake and the battery is low (under 10%), the battery indicator is always displayed.
③ Bluetooth® indicator	Indicates the Bluetooth connectivity status. • Not displayed: the rangefinder is not paired to another device. NOTE: The indicator does not appear immediately after pairing the device for the first time. It becomes active once you start a round with a paired device. • Flashing: the rangefinder is paired but not connected to another device. TIP: When the device wakes from sleep mode during a round, the indicator may flash temporarily. • Solid: the rangefinder is paired and connected to another device.
④ Distance to target	Displays the measured distance to a target (<i>Measuring the Distance to a Target, page 9</i>).
⑤ PlaysLike distance	The PlaysLike distance feature accounts for elevation changes on the course by showing the adjusted distance to the green. When connected to a compatible device, the PlaysLike distance feature also accounts for data provided by that device, such as wind and weather data. • ▲: distance plays longer than expected. • ▼: distance plays shorter than expected. NOTE: Tournament mode disables the PlaysLike distance feature (<i>Using Tournament Mode, page 6</i>).

Waking Up the Device

Press .

Sleep Mode

To conserve battery life, the rangefinder goes into sleep mode after 10 seconds of inactivity. The rangefinder wakes up when you press .

Using Setup Mode

In setup mode, you can change the unit of measure and the display brightness.

1 From the ranging display, hold **MODE** to enter setup mode.

The unit of measure setting flashes.



- 2 Press **MODE** to scroll between the unit of measure options.
- 3 Press $\ominus$ to select the unit of measure.
The display brightness setting flashes.
- 4 Press **MODE** to scroll between the display brightness options.
- 5 Press $\ominus$ to select the display brightness.
The rangefinder returns to ranging mode.

Using Tournament Mode

The tournament mode setting disables the PlaysLike distance feature ([Ranging Display Overview, page 5](#)). This feature is not allowed during sanctioned tournaments.

Press **MODE**.

The tournament mode LED on the rangefinder appears solid blue when the tournament mode setting is enabled.

Bluetooth® Connected Features

Distances from the pin to the front and back of the green: Allows you to view the distances from the pin to the front and back of the green when using the Garmin Golf™ app or a compatible device.

Software updates: Allows you to receive updates for your device software using the Garmin Golf app.

Find My Garmin: Allows you to use the Garmin Golf app to locate your rangefinder using its last known location.

NOTE: To use the Find My Garmin feature, you must set the Garmin Golf app to always allow access to your phone's location services.

Pairing Your Phone

To use the connected features of your rangefinder, it must be paired directly through the Garmin Golf™ app, instead of from the Bluetooth® settings on your phone.

- 1 From the app store on your phone, install and open the Garmin Golf app.
- 2 Bring your phone within 10 m (33 ft.) of your device.
- 3 Select **Profile > My Devices > Add Device**, and follow the on-screen instructions.
- 4 On your rangefinder, press ⊖ to wake up the device and initiate pairing.

When paired and connected, the measured distance from your rangefinder appears in the Garmin Golf app.

Pairing a Compatible Device

You can pair your rangefinder with a compatible Garmin® device, such as an Approach® watch. When paired, the measured distance from your rangefinder appears on the compatible device.

- 1 Bring your compatible device within 10 m (33 ft.) of your rangefinder.
- 2 On your compatible device, pair your rangefinder from the sensor settings menu.
For more information, see the owner's manual for your compatible device.
- 3 On your rangefinder, press ⊖ to wake up the device and initiate pairing.

Measuring the Distance to the Pin

You can use the device to measure the distance from your current position to the pin.

NOTE: The device can measure distance to the flag up to 320 m (350 yd.).

1 Align the rangefinder reticle with the flag.

2 Select an option:

- Press  to measure for 3 seconds.
- Hold  to actively measure for up to 8 seconds.

If the device is able to lock on to the pin, your rangefinder vibrates and the measured range appears. If your rangefinder is paired to the Garmin Golf™ app or a compatible device, the distances from the pin to the front and the back of the green appear ([Pairing Your Phone, page 7](#), [Pairing a Compatible Device, page 7](#)).

Measuring the Distance to a Target

You can use the device to measure the distance from your current position to a target.

NOTE: The device can measure distance to a reflective surface from 6 to 1097 m (7 to 1200 yd.).

1 Align the rangefinder reticle with the target.

2 Select an option:

- Press $\ominus$ to measure for 3 seconds.
- Hold $\ominus$ to actively measure for up to 8 seconds.

The measured range appears.

Troubleshooting Ranging Accuracy

External factors may affect ranging accuracy, such as ambient light, weather conditions, target reflectivity, and target size.

- Larger objects are easier to target than smaller objects. For example, you should target the flag instead of the pin.
- The device can target longer ranges in lower light conditions, such as on overcast days. Bright sunlight minimizes ranging ability.
- Rain minimizes ranging ability.
- The device can target longer ranges when measuring the distance to reflective or shiny objects.
- The device can target longer ranges when the angle to the target is closer to 90 degrees. A smaller angle to the target limits ranging ability.

Device Information

Device Care

NOTICE

Avoid extreme shock and harsh treatment, because it can degrade the life of the product.

Do not use a sharp object to clean the device.

Avoid chemical cleaners, solvents, and insect repellents that can damage plastic components and finishes.

Do not store the device where prolonged exposure to extreme temperatures can occur, because it can cause permanent damage.

Cleaning the Device

NOTICE

Do not use a dry cloth to clean the lens. Use of a dry cloth may damage the lens.

Avoid chemical cleaners and solvents that can damage plastic components.

- 1 Wipe the outer casing and lens with a soft, non-scratch cloth dampened with water or alcohol.
- 2 Wipe the outer casing dry, and allow the lens to air dry.

Device Storage

When you do not plan to use the device for several weeks, remove the battery. You should store the device in a cool, dry place with temperatures around the typical household level.

Product Updates

On your phone, install the Garmin Golf™ app.

This provides easy access to these services for Garmin® devices:

- Software updates
- Product registration

Specifications

Battery type	CR2 battery ¹
Battery life	Up to 1 year NOTE: The actual battery life depends on how the device's features are used and the operating conditions.
Water rating	IEC 60529 IPX4 ²
Operating temperature range	From -10° to 50°C (from 14° to 122°F)
Wireless frequency and transmit power	2,4 GHz: < 20 dBm

Getting More Information

- Go to support.garmin.com for additional manuals, articles, and software updates.
- Go to garmin.com/golf.
- Go to buy.garmin.com, or contact your Garmin® dealer for information about optional accessories and replacement parts.

¹ The included battery is intended for initial functionality testing and may have a shorter lifespan than usual. When the battery is depleted, replace it with a new commercially available battery.

² The device is protected against splashes of water.

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