GARMIN.

APPROACH® G80

Owner's Manual

Table of Contents

Introduction

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

Device Overview

① Power button	Press to turn on the device. Press to lock or unlock the screen during a round. Hold to turn off the device.
② Radar button	Press to turn the radar on and off.
③ Touchscreen	Swipe to scroll through features, data screens, and menus. Tap to select.
④ Weather cap	Pull up to access the micro-USB power and data port.
⑤ Micro-USB power and data port	Connect a compatible USB cable to charge the device or transfer data using your computer.

Charging the Device

> **⚠ WARNING**
>
> This product contains a lithium-ion battery. To prevent the possibility of personal injury or product damage caused by battery exposure to extreme heat, store the device out of direct sunlight.

> **NOTICE**
>
> To prevent corrosion, thoroughly dry the USB port, the weather cap, and the surrounding area before charging or connecting to a computer.

The device is powered by a built-in lithium-ion battery that you can charge using a standard wall outlet or a USB port on your computer.

NOTE: The device will not charge when outside the approved temperature range (*Specifications*, page 27).

1 Pull up the weather cap from the USB port.
2 Plug the small end of the USB cable into the USB port on the device.
3 Plug the large end of the USB cable into an external power source, such as an AC adapter or a USB port on your computer.
4 Charge the device completely.
   TIP: You can turn off the device to charge it faster.

Turning On the Device

The first time you use the device, you are prompted to choose a language, select a unit of measure, and set your driver distance.

   Press the power button.

Product Updates

On your computer, install Garmin Express™ (www.garmin.com/express). On your smartphone, install the Garmin Golf™ app.

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

• Software updates
• Course updates
• Data uploads to Garmin Golf
• Product registration

Setting Up Garmin Express

1 Connect the device to your computer using a USB cable.
2 Go to www.garmin.com/express.
3 Follow the on-screen instructions.

Software and Course Updates

This device is eligible for free course map updates. To update your device, download the free Garmin Express software from www.garmin.com/express.

Garmin Golf App

The Garmin Golf app allows you to upload scorecards from your compatible Garmin device to view detailed statistics and shot analyses. Golfers can compete with each other at different courses using the Garmin Golf app. More than 42,000 courses have leaderboards that anyone can join. You can set up a tournament event and invite players to compete.

The Garmin Golf app syncs your data with your Garmin Connect™ account. You can download the Garmin Golf app from the app store on your smartphone.

Pairing Your Smartphone

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

1 From the app store on your smartphone, install and open the Garmin Golf app.
2 Bring your smartphone within 10 m (33 ft.) of your device.
3 On your Approach device, select (∧) > **Settings** > **Bluetooth**.
4 From the ☰ or • • • menu in the app, select **Garmin Devices** > **Add Device**, and follow the on-screen instructions.

Connecting to a Paired Smartphone

Before you can connect to your smartphone, you must pair your smartphone to your device.

When you connect to your smartphone using Bluetooth technology, you can share scores and other data with the Garmin Golf app. You can also view phone notifications from your compatible device.

1 On your smartphone, enable Bluetooth technology.
2 On your device, select (∧) > **Settings** > **Bluetooth** > **Connection** > **On** to enable Bluetooth technology.

Playing Golf

1 Select **Start New Round**.
2 Select a course.
3 Select a tee box.

Hole View

The device shows the current hole you are playing.

①	Displays the current hole number. Changes the hole number when selected.
②	Displays the par for the current hole.
③	Displays the distance to the middle of the green or selected pin position.
④	Displays the distance to the back of the green.
⑤	Displays the distance to the front of the green.
⑥	Displays a map of the hole. Displays a close view of the fairway when selected, for measuring distance with touch targeting.
⑦	Displays layup distances to the pin. The colors indicate distance in meters or yards: red is 100, white is 150, blue is 200, and yellow is 250.
⑧	Displays your driver distance when you are on the tee box.
⑨	Displays a menu of in-round features when selected.
⑩	Displays a close view of the green for adjusting the pin location.

Locking and Unlocking the Touchscreen
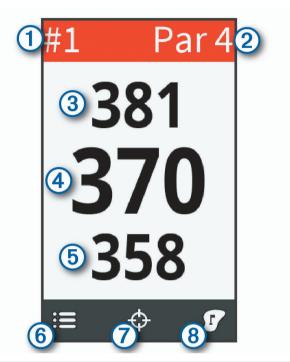
You can lock the touchscreen while playing a round to prevent inadvertent screen touches.

1 Press the power button.

2 Press the power button again to unlock the touchscreen.

Big Numbers Mode

You can change the size of the numbers on the hole view screen.

During a round, select ▤ > **Big Numbers**.

①	Displays the current hole number. Changes the hole number when selected.
②	Displays the par for the current hole.
③	Displays the distance to the back of the green.
④	Displays the distance to the middle of the green or selected pin position.
⑤	Displays the distance to the front of the green.
⑥	Displays a menu of in-round features when selected.
⑦	Displays a close view of the fairway when selected, for measuring distance with touch targeting.
⑧	Displays a close view of the green for adjusting the pin location.

Viewing the Green

While playing a round, you can take a closer look at the green and move the pin location.

1. Begin playing a round (*Playing Golf*, page 3).
2. Select ⚑.
3. Drag the flag to move the pin location.

   The distances on the hole view screen are updated to show the new pin location. The pin location is saved for only the current round.

Changing Holes

You can change holes manually from the hole view screen.

1. While viewing hole information, tap the current hole number.
2. Select a hole.

Measuring Distance with Touch Targeting

While previewing a course or playing a round, you can use touch targeting to measure the distance to any point on the map.

1. Begin playing a round (*Playing Golf*, page 3) or previewing a course (*Finding Courses*, page 20).
2. Tap anywhere on the map.
3. Tap or drag your finger to position the target circle ①.

②	Displays the distance to the flag location from the target circle.
③	Displays the distance from your current position to the target circle. If you are previewing the course, ③ is the distance from the furthest back tee to the target circle.

4. If necessary, select ⊕ or ⊖ to zoom in or out.
5. Select ↩ to return to the map of the hole.

Measuring a Shot

1 Take a shot, and watch where your ball lands.

2 Select ☰ > **Measure Shot**.

3 Walk or drive to your ball.

4 If necessary, select **Reset** to reset the distance at any time.

Viewing the Direction to the Pin

The PinPointer feature is a compass that provides directional assistance when you are unable to see the green. For example, this feature can help you line up a shot if you are in the woods or in a deep sand trap.

NOTE: Do not use the PinPointer feature while in a golf cart. Interference from the golf cart can affect the accuracy of the compass.

1 Select ☰ > **PinPointer**.

2 Rotate the device until the cone ① on the map points toward your target.

The red line at the top of your device points in the direction of your target.

Saving a Location

You can mark a location on a hole using your current location or touch targeting.

1 While playing a game, select ☰ > **Save Location**.

2 Select an option:

- Select **Use Current Location** to place a marker at your current location on the hole.
- Select **Use Touch Targeting** to select a location on the map.

Clearing Saved Locations

You can clear all saved locations for the current hole.

Select ☰ > **Locations** > **Clear Locations**.

Viewing PlaysLike Distance

The "plays like" distance feature accounts for elevation changes on the course by showing the adjusted distance to the green.

Select ☰ > **PlaysLike**.

An icon appears next to each distance.

▲	Distance plays longer than expected due to a change in elevation.
■	Distance plays as expected.
▼	Distance plays shorter than expected due to a change in elevation.

Enabling Tournament Mode

The tournament mode setting disables the PinPointer and PlaysLike distance features. These features are not allowed during sanctioned tournaments or handicap calculation rounds.

During a round, select ☰ > **Tournament Mode**.

Keeping Score

You can keep score for up to four players.
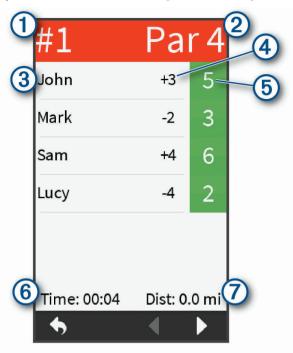
1 Begin playing a round (*Playing Golf*, page 3).

2 Select ☰ > **Scorecard**.

3 Select an option:
- Select a player's name to edit it.
- Select 🖊 to enter the number of strokes for the selected hole.
- Select ◀ or ▶ to change holes.

About the Scorecard

You can view and change each player's name and score during a round using the scorecard.

①	Displays the current hole number.
②	Displays the par for the current hole.
③	Displays the player name. Changes the player name when selected.
④	Displays the current total score. Displays the individual scorecard when selected.
⑤	Displays the strokes for the hole. Allows you to enter the number of strokes for the hole when selected.
⑥	Displays the amount of time elapsed during the round.
⑦	Displays the distance traveled during the round.

Viewing Individual Scorecards and Round Statistics

1　While playing a round, select ▤ > **Scorecard**.
2　Tap a player's total score.

　　The player's individual scorecard appears. It displays a hole-by-hole overview and statistics for the player's round.

Setting the Scoring Method

You can change the method the device uses to keep score.

1 Select an option:
- If you are currently playing a round, select ☰ > **Setup** > **Scoring** > **Method**.
- If you are not currently playing a round, select ⌃ > **Settings** > **Scoring** > **Method**.

2 Select a scoring method.

About Stableford Scoring

When you select the Stableford scoring method (*Setting the Scoring Method*, page 10), points are awarded based on the number of strokes taken relative to par. At the end of a round, the highest score wins. The device awards points as specified by the United States Golf Association.

The scorecard for a Stableford scored game shows points instead of strokes.

Points	Strokes Taken Relative to Par
0	2 or more over
1	1 over
2	Par
3	1 under
4	2 under
5	3 under

About Match Scoring

When you select the match scoring method (*Setting the Scoring Method*, page 10), one point is awarded at each hole to the player who has the fewest strokes. At the end of a round, the player who won the most holes wins.

NOTE: Match scoring is available only for two players.

When you set the device to count strokes, the device determines the winner of each round. Otherwise, at the end of each hole, select the player who had the fewest strokes, or if the number of strokes was equal, select Halved.

About Skins Scoring

When you select the skins scoring method (*Setting the Scoring Method*, page 10), players compete for a prize on each hole.

When you set the device to count strokes, the device determines the winner of each hole. Otherwise, at the end of each hole, select the player who had the fewest strokes. You can select multiple players if there is a tie for the win.

Enabling Handicap Scoring

1 Select ⌃ > **Settings** > **Scoring** > **Scoring Handicap**.

2 Select **On**.

Setting a Player Handicap

Before you can score using handicaps, you must enable handicap scoring (*Enabling Handicap Scoring, page 10*).

1 While playing a game, select ▤ > **Scorecard**.

2 Select 🖊 for the player whose handicap you want to enter or change.

3 Select an option:

- To enter the number of strokes that will be subtracted from the player's total score, select **Local Handicap**.
- To enter the player's handicap index and the course slope rating to calculate a course handicap for the player, select **Index/Slope Method**.

About the Handicap Scorecard

You can view and change each player's name, score, and handicap during a round using the scorecard.

①	Displays the current hole number.
②	Displays the par for the current hole.
③	Displays the player name. Changes the player name or player handicap when selected.
④	Displays the local handicap. Displays the individual scorecard when selected.
⑤	Displays the current total score. Displays the individual scorecard when selected.
⑥	Displays the actual strokes for the hole. Allows you to enter the number of strokes for the hole when selected.
⑦	Displays the adjusted strokes for the hole.
⑧	Displays the amount of time elapsed during the round.
⑨	Displays the distance traveled during the round.

Enabling Statistics Tracking

1 Select ⌃ > **Settings** > **Scoring** > **Stat Tracking**.
2 Select **On**.

Recording Statistics

Before you can record statistics, you must enable statistics tracking (*Enabling Statistics Tracking*, page 12).

1 From the scorecard, select ✏.

2 Set the total number of strokes taken, including putts.

3 Set the number of putts taken.

   NOTE: The number of putts taken is used for statistics tracking only and does not increase your score.

4 Drag the slider to indicate where your ball landed on the fairway.

History

You can use your paired smartphone to upload scorecards to the Garmin Golf app. You can use the app to view saved rounds and player statistics.

Ending a Round

1 Select ▤ > **End Round**.

2 Select an option:

   • To view your statistics and round information, tap your score.

   • To save the round, select **Save**.

   • To discard the round, select **Discard**.

Radar Features

The device provides practice modes and games to test your skills and help you have fun on the driving range. These features use the internal device radar to take measurements that help you analyze your practice.

Warm Up: Provides radar swing metrics, including estimated carry and roll, club head speed, ball speed, smash factor, and swing tempo.

Tempo Training: Evaluates your backswing and downswing timing to help you achieve the ideal swing tempo.

Target Practice: Lets one or two players earn points by hitting the ball toward distance targets.

Virtual Round: Simulates playing a round of golf on any of the 41,000 preloaded courses. You can compete against your personal best, compete against another player, or participate in a virtual tournament.

   NOTE: You must connect to the Garmin Golf app to participate in a virtual tournament.

Using the Radar Features

1 Select an option:
- From the home screen, select a practice mode or game.
- Press the radar button.

The radar turns on.

2 Place the device on the ground within 0.3 m (1 ft.) of the ball, in line with and on the same level as you and the ball.

TIP: For a better screen viewing angle, you can rest the device on a golf ball using the divot in the rear case.

3 Follow the on-screen instructions.

4 Press the radar button to turn off the radar.

This helps conserve battery life.

Setting the Roll Factor

The device calculates your shot distance using carry plus roll. The roll factor varies due to differences in balls, clubs, and surface conditions, as well as ball spin and launch angle. These factors cannot be detected by the device. If you are not getting the distance result you expect, you can adjust the roll factor.

1 Select an option:
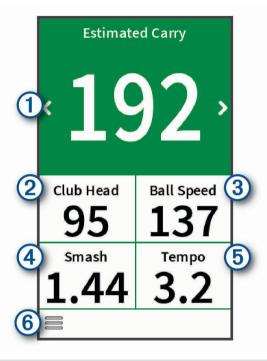- From the home screen, select a radar practice mode or game.

  NOTE: This setting is not available for all practice modes.
- Press the radar button.

2 Select ▤ > **Set Roll Factor**.

3 Use the slider to increase or decrease your roll.

Warm-Up Mode

Press the radar button, or select **Warm Up** from the home screen.

NOTE: If you do not hit a ball with your swing during this mode, only the club head speed and swing tempo metrics display.

①	Displays the estimated carry or estimated carry plus roll. Changes the swing metric when selected.
②	Displays the club head speed.
③	Displays the ball speed.
④	Displays the smash factor. **NOTE:** The smash factor is the ball speed divided by the club head speed, and is used to indicate the efficiency of the club hitting the ball. A higher number is more efficient.
⑤	Displays the swing tempo. **NOTE:** The swing tempo is the backswing time divided by the downswing time, expressed in a ratio. For more information, see *Tempo Training Mode*, page 16.
⑥	Displays a menu of warm-up mode features, such as instructional tips, and allows you to end the warm up when selected.

Tempo Training Mode

The device measures and displays your backswing time and downswing time. The device also displays your swing tempo. Swing tempo is the backswing time divided by the downswing time, expressed in a ratio. A 3 to 1 ratio, or 3.0, is the ideal swing tempo based on studies of professional golfers (*The Ideal Swing Tempo*, page 17).

From the home screen, select **Tempo Training**.

①	Displays the tempo timing (backswing to downswing time ratio). Changes the tempo timing when selected.
②	Displays your swing tempo. **NOTE:** Your swing tempo and swing times are highlighted in different colors to indicate how close you are to the target timing. Green: Within 25% of the target time Red: Faster than the target time Blue: Slower than the target time
③	Displays your backswing time.
④	Displays your downswing time.
⑤	Displays a menu of tempo training features, such as turning off audible tempo tones, and allows you to end the training mode when selected.

About Tempo Tones

During tempo training, the device sounds audible tones to help you achieve the ideal swing tempo. Three beeps repeat continuously. The first beep indicates when you should start your backswing. The second beep indicates when you should start your downswing. The third beep indicates when you should hit the ball.

The Ideal Swing Tempo

You can achieve the ideal 3.0 swing tempo by using different swing timings. For example, 0.7 sec./0.23 sec. or 1.2 sec./0.4 sec. Each golfer may have a unique swing tempo based on their ability and experience.

To find your ideal swing tempo, you should start with the slowest timing and try it for a few swings. When your swing tempo is consistent with the tempo goal, you can move up to the next timing. When you find a timing that is comfortable, you can use it to achieve more consistent swings and performance.

Starting Target Practice

1   From the home screen, select **Target Practice**.
2   Select the number of players.
3   Select one or more distance targets.
    TIP: To enter custom targets, you can select ⊕. To delete targets, you can select targets, and select 🗑.
4   Take a shot.
    The device awards points based on the calculated shot distance (*Target Practice Scoring*, page 18). You can take 5 shots at each target.

Target Practice Mode

From the home screen, select **Target Practice**.

①	Displays the current player number.
②	Displays the current total points for all targets played.
③	Displays the number of shots taken.
④	Displays the distance target.
⑤	Displays a menu of target practice features, such as instructional tips, and allows you to end target practice when selected.

Target Practice Scoring

During target practice, the device calculates your shot distance and awards points based on how close your shot is to the target.

Yards to Target	Points Awarded
Less than 1	25
1 to 9	10
10 to 19	5
20 to 29	1
30 to 39	0
40 or more	-1

NOTE: A 2x multiplier is applied for each shot that is in the same range as the previous shot.
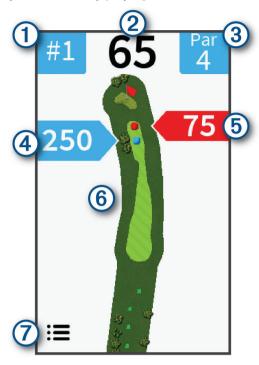
Playing a Virtual Course

1 From the home screen, select **Virtual Round** > **Course**.
2 Select the number of players.
3 Select an option:
   • Select **Search Near You** to find a course near your current location.
   • Select **Spell City** to find a course in a specific city.
   • Select **Spell Course** to find a course by name.
4 Select a tee box for each player.
5 Take a shot.

   The device displays your shot distance, where you are on the course, and how far you have left to get on the green.

Virtual Round Hole View

The device shows the current hole you are virtually playing.

①	Displays the current hole number.
②	Displays the distance to the middle of the green.
③	Displays the par for the current hole.
④	Displays the current location and last shot distance for player 2.
⑤	Displays the current location and last shot distance for player 1.
⑥	Displays a map of the hole.
⑦	Displays a menu of virtual round settings, such as disabling audible tones, and allows you to end the round when selected.

Virtual Round Scoring

During a virtual round, the device calculates your score using a method similar to stroke play. Each shot you take counts as one stroke. Hitting the ball into the water adds a penalty stroke. Because there is no putting in a virtual round, additional strokes are added based on how accurate you are with your approach shot. You can receive 0 to 3 additional strokes depending on how close your approach shot is to the tee.

Playing a Virtual Tournament

Before you can participate in a virtual tournament, you must connect to the Garmin Golf app (*Pairing Your Smartphone*, page 3). Before your standings can be posted on the virtual tournament leaderboard, you must set your privacy setting in the app to share your scorecard.

You can compete in a virtual tournament against other golfers around the world on different courses each week. You can play in each weekly tournament as many times as you want. All scores will be posted on the leaderboard.

1 From the home screen, select **Virtual Round** > **Tournament**.

The course selected for the weekly tournament by the Garmin Golf app loads.

2 Take a shot.

The device displays your shot distance, where you are on the course, and the distance you have left to get on the green.

Finding Courses

You can use the device to locate a golf course that is nearby or in a specific city. You can also locate a golf course by name.

1 Select ⌃ > **Preview**.

2 Select an option:

- Select **Search Near You** to find courses closest to your current location.
- Select **Spell City** to find courses in a specific city.
- Select **Spell Course** to find a course by name.

About Course Preview

When you find a course, the device provides a hole-by-hole overview of the selected course. You can view a close up of the green (*Viewing the Green*, page 6) or measure distances (*Measuring Distance with Touch Targeting*, page 6).

TruSwing™

Your device is compatible with the TruSwing sensor. You can use the TruSwing app on your watch to view swing metrics recorded from your TruSwing sensor. See the owner's manual for your TruSwing sensor for more information www.garmin.com/manuals/truswing.

TruSwing Metrics

You can view swing metrics on your Approach device and in your Garmin Connect account. See the owner's manual for your TruSwing device for more information.

Recording and Viewing TruSwing Metrics on Your Approach Device

Before you can view TruSwing metrics on your Approach G80 device, you may need to update the software (*Product Updates*, page 2).

1 Verify your TruSwing device is securely mounted to your club.

See the owner's manual for your TruSwing device for more information.

2 Turn on your TruSwing device.

3 On your Approach G80 device, select **TruSwing**.

Your Approach G80 device pairs with the TruSwing device.

4 Select a club.

5 Hit a shot.

Your Approach G80 device displays swing measurements after each swing.

You can select ◀ or ▶ to scroll through the recorded swing metrics.

Changing Your Club

1 From the TruSwing screen, select ☰ > **Change Club**.

2 Select a club.

Changing Handedness

1 From the TruSwing app, select ☰ > **Handedness**.

2 Select an option.

Disconnecting Your TruSwing Device

From the TruSwing screen, select ↰.

Customizing Your Device

Settings

Select ⌃ > **Settings** to customize device settings and features.

Scoring: Sets the scoring method (*Setting the Scoring Method*, page 10), enables handicap scoring (*Enabling Handicap Scoring*, page 10), and enables statistics tracking (*Enabling Statistics Tracking*, page 12).

Driver Distance: Sets the average distance the ball travels on your drive. This distance appears as an arc on the hole view screen when you are on the tee box.

Bluetooth: Enables Bluetooth technology, and sets notification options (*Showing or Hiding Phone Notifications*, page 22).

Display: Sets the backlight timeout and the screen brightness.

Units of Distance: Sets the unit of measurement for distance.

Units of Speed: Sets the unit of measurement for speed.

Gender: Sets the user gender. This is used for gender-specific course ratings for select tees when calculating handicaps, and for gender-specific par values (where available).

Calibrate: Allows you to manually calibrate the compass sensor (*Calibrating the Compass*, page 22).

Reset Settings and Data: Removes all saved user data and resets all settings on the device (*Resetting Data and Settings*, page 22).

Language: Sets the text language on the device.

NOTE: Changing the text language does not change the language of user-entered data or map data.

About: Displays device information, such as the unit ID, software version, regulatory information, and license agreement (*Viewing E-label Regulatory and Compliance Information*, page 22).

Showing or Hiding Phone Notifications

When your phone receives messages, it sends notifications to your device.

1 Select ⌃ > **Settings** > **Bluetooth** > **Notifications**.

2 Select an option.

Calibrating the Compass

NOTE: You must calibrate the electronic compass outdoors. Do not stand near objects that influence magnetic fields, such as cars, buildings, or overhead power lines.

Your device was already calibrated at the factory, and the device uses automatic calibration by default. If the PinPointer feature is not working properly, for example, after moving long distances or after extreme temperature changes, you can manually calibrate the compass.

1 Select ⌃ > **Settings** > **Calibrate**.

2 Follow the on-screen instructions.

Resetting Data and Settings

You can remove all saved user data and reset all settings on the device to the factory default values.

Select ⌃ > **Settings** > **Reset Settings and Data**.

This removes your personal data, including customized clubs and any scorecards from the device.

Viewing E-label Regulatory and Compliance Information

The label for this device is provided electronically. The e-label may provide regulatory information, such as identification numbers provided by the FCC or regional compliance markings, as well as applicable product and licensing information.

1 Select ⌃.

2 Select **Settings**.

3 Select **About**.

Appendix

Using the Holder

You can use the holder to attach the device to the accessory mount.

1 Slide the bottom of the device into the holder until it clicks.

2 To remove the device, slide the device out of the holder.

Installing the Cart Mount

For the best GPS reception, position the mount so the front of the device is oriented toward the sky. You can install the mount on any bar that is approximately 19 mm to 38 mm (0.75 in. to 1.5 in.).

1 Select a secure location to mount the device where it does not interfere with the safe operation of your vehicle.

2 Place the rubber disk ① on the back of the mount.

The rubber tabs align with the back of the mount so it stays in place.

3 Place the mount on the bar.

4 Attach the mount securely using the two bands ②.

5 Align the tabs on the back of the holder with the mount notches ③.

6 Press down slightly and turn the holder clockwise until it locks into place.

Replacement O-rings

Replacement bands (O-rings) are available for the mounts.

NOTE: Use Ethylene Propylene Diene Monomer (EPDM) replacement bands only. Go to http://buy.garmin.com, or contact your Garmin dealer.
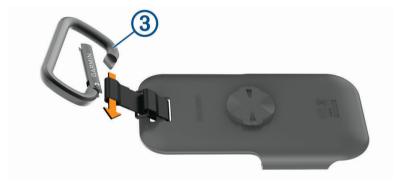
Attaching the Lanyard Carabiner

You can use the lanyard carabiner to attach the device to a bag or belt loop.

1 Thread the fabric end ① of the lanyard through the slots on the back of the clip or holder.

2 Thread the fabric end of the lanyard through the plastic loop ② on the opposite end of the lanyard.

3 Insert the carabiner ③ through the fabric loop on the end of the lanyard.

Using the Clip

You can use the clip to attach the device to your belt, pocket, or bag. Go to www.garmin.com/golf to purchase accessories for your device.

1 Slide the bottom of the device into the clip until it clicks.

2 To remove the device, slide the device out of the clip.

Device Care

NOTICE

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

Never use a hard or sharp object to operate the touchscreen, or damage may result.

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

Secure the weather cap tightly to prevent damage to the USB port.

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

Cleaning the Touchscreen

1 Use a soft, clean, lint-free cloth.
2 If necessary, lightly dampen the cloth with water.
3 If using a dampened cloth, turn off the device and disconnect the device from power.
4 Gently wipe the screen with the cloth.

Cleaning the Device

1 Wipe the device using a cloth dampened with a mild detergent solution.
2 Wipe it dry.

After cleaning, allow the device to dry completely.

Using the Backlight

- At any time, tap the touchscreen to turn on the backlight.

  NOTE: Alerts and messages also activate the backlight.

- Change the backlight timeout and brightness (*Settings*, page 21).

Specifications

Battery type	Rechargeable, built-in lithium-ion battery
Battery life	Up to 15 hr.
Operating temperature range	From -20º to 60ºC (from -4º to 140ºF)
Charging temperature range	From 7º to 43ºC (from 45º to 109ºF)
Wireless frequency/protocol	2.4 GHz @ 2.3 dBm nominal 24 GHz @ 1.77 dBm nominal
Water rating	IEC 60529 IPX7[1]

Saving Energy While Charging the Device

1 Connect your device to an external power source.

2 Hold the power button until the screen turns off.

  The device goes into a low power, battery charging mode, and the battery gauge appears.

3 Charge the device completely.

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[1] The device withstands incidental exposure to water of up to 1 m for up to 30 min. For more information, go to www.garmin.com/waterrating.

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