# Table of Contents

## Introduction
- Introduction .......................................................... i
  - Contact Garmin .................................................. ii

## Getting Started
- Getting Started ....................................................... 1
  - Charging the Battery ............................................. 1
  - Acquiring Satellite Signals ................................. 2
  - Using the Heart Rate Monitor ............................ 3
  - Extending the Strap ............................................ 5
  - Buttons ............................................................... 6
  - Pages .................................................................. 7
  - User Profile ......................................................... 8

## Training
- Training ................................................................. 9
  - Alerts ................................................................. 9
  - Auto Pause® ....................................................... 12
  - Auto Lap® ........................................................ 13
  - Virtual Partner™ ............................................... 15
  - Workouts: Quick, Interval, and Advanced .......... 16
  - Courses ............................................................. 24
  - Multi-sport Workouts ......................................... 26

## History
- History ................................................................. 29
  - Viewing History .................................................. 30
  - Deleting History ................................................. 32

## Navigation
- Navigation ............................................................. 33
  - Viewing the Map .................................................. 33
  - Marking Locations .............................................. 34
  - Creating and Using Routes ................................. 36
  - Viewing GPS Information .................................. 38

## Settings
- Settings ................................................................. 39
  - General Settings .................................................. 39
  - Data Recording ..................................................... 42
  - Changing Sport Settings ....................................... 45
  - Setting Pace/Speed Zones ................................... 46
  - Setting Heart Rate Zones ..................................... 47

## Appendix
- Appendix ............................................................... 49
  - Cleaning and Care ............................................... 49
  - Data Fields .......................................................... 50
  - Heart Rate Information ......................................... 53
  - Garmin Training Center ....................................... 57
  - Specifications ....................................................... 58
  - Limited Warranty .................................................. 59
  - Warning ............................................................. 64
  - Caution ............................................................... 65

## Index
- Index ................................................................. 66
Contact Garmin
If you encounter any difficulty while using your Forerunner, or if you have any questions, in the U.S.A. contact Garmin Product Support by phone: 913/397.8200 or 800/800.1020, Monday–Friday, 8 am–5 pm Central Time; or by e-mail at techsupp@garmin.com.

In Europe, contact Garmin (Europe) Ltd. at 44/0870.8501241.

Product Registration
Help us better support you by completing our online registration today! Have the serial number of your Forerunner handy and connect to our Web site (www.garmin.com). Look for the Product Registration link on our home page.

Use this area to record the serial number (8-digit number located on the back of the unit) in case your Forerunner is lost, stolen, or needs service. Be sure to keep your original sales receipt in a safe place or attach a photocopy inside the manual.

Serial Number: __ __ __ __ __ __ __ __
GETTING STARTED

Charging the Battery
Charge the Forerunner for three hours before using it. When the battery is fully charged, the battery life is approximately 10 hours. To avoid corrosion, be sure the Forerunner is completely dry before charging or connecting to a personal computer.

To charge the Forerunner:
1. Snap the Forerunner into the charging cradle.
2. Plug the small end of the AC adapter into the mini-USB port on the cradle. Plug the other end into a standard wall outlet.

**NOTE:** The Forerunner will not charge outside the temperature range of 0°C–50°C (32°F–122°F).

You can also charge the Forerunner by connecting it to your personal computer with the enclosed USB cable. However, you must install Garmin Training Center before you connect to your PC. See page 57 to install Training Center.
Getting Started

Acquiring Satellite Signals
Before you begin using the Forerunner, you must acquire GPS satellite signals. To acquire satellite signals, go outdoors away from tall buildings and trees. Acquiring satellite signals may take 30–60 seconds.

To acquire satellites:
Go outdoors to an open area and press the Power button to turn on the Forerunner.

Locating Satellites...

Wait while the Forerunner searches for satellites. For best reception, make sure the GPS antenna is facing up. Stand still in an open area, and do not begin walking or running until the Locating Satellites page disappears.

After the Locating Satellites page disappears, you can begin your run or other activity.

To turn off GPS and use the Forerunner indoors, see page 40.
Using the Heart Rate Monitor

NOTE: The heart rate monitor does not work with the Forerunner 205.

Wear the heart rate monitor directly on your skin, just below your breastplate. It should be snug enough to stay in place during your run.

To position the heart rate monitor:
1. Push one tab on the strap through the slot in the heart rate monitor. Press the tab down.

2. Wet both sensors on the back of the heart rate monitor to create a strong connection between your pulse and the transmitter.
3. Wrap the strap around your chest and attach it to the other side of the heart rate monitor.

**NOTE:** If you have trouble with erratic heart rate readings, position the transmitter on your back instead of your chest, or try applying electrode gel.

4. Turn on the Forerunner and bring it within range (3 meters) of the heart rate monitor. The heart rate icon on the Timer page changes from flashing to constant when the Forerunner begins receiving data.

Be sure to move away from other heart rate monitors while the Forerunner is trying to “pair” with your heart rate monitor for the first time. After the Forerunner pairs with your heart rate monitor, you can go near other heart rate monitors. For more information on pairing and troubleshooting, see pages 55-56.
Extending the Strap
If the Forerunner strap is not long enough for your wrist, you can replace it with the included extension strap.

To add the extension strap:
1. Remove the short watch strap (with the buckle). Use the included pin removal tool to pull one spring bar back so that it clears the edge of the case.

   Pin removal tool

2. Install the longer strap. Place one side of the spring bar into one pinhole.

3. Compress the spring bar and snap it into the other pinhole.
GETTING STARTED

Buttons

1. **power**
   - Press and hold to turn unit on/off.
   - Press to turn backlight on/off.

2. **mode**
   - Press to view Timer or Main Menu.
   - Press to exit a menu or page.
   - Press and hold to change sports.

3. **lap/reset**
   - Press to create a new lap.
   - Press and hold to reset the timer.

4. **start/stop**
   - Press to start/stop the timer.

5. **enter**
   - Press to select options and to acknowledge messages.

6. **arrows**
   - Press to highlight options.
   - Press to scroll through menus and data fields.

Note: If the unit stops responding to button presses, press **mode** and **lap/reset** simultaneously to reset the unit.
Pages
Press **mode** to switch between the Timer and the Main Menu.

While viewing the Timer, press the **△ ▽ arrows** to view other Timer pages. To scroll through these pages automatically, see page 41. To change the data fields on these pages, see page 39.

Press and hold **mode** any time to change sports.
User Profile
The Forerunner uses information that you enter about yourself to calculate calorie consumption. Set your user profile before you begin using the Forerunner to ensure it is recording accurate data.

To set your user profile:
1. Press **mode** to access the Main Menu.
2. Select **Settings > General > User Profile**.
3. Use the ▲▼ arrows and enter to enter your gender, birth date, and weight.

*TIP:* Press **mode** to exit a menu or a page. Press **mode** repeatedly to return to the Timer or Main Menu.

Forerunner 305 only: When you set your user profile for the first time, a Max HR message appears. Select **Yes** to adjust your maximum heart rate based on your user profile.
**TRAINING**

**NOTE:** Always consult your physician before you begin or modify any exercise program.

Use your Forerunner to set goals and alerts, train with a Virtual Partner™, program simple or advanced workouts, and plan courses based on existing runs.

**Alerts**

Use your Forerunner alerts to train toward certain time, distance, speed, and heart rate goals. You can set separate alerts in each sport mode.

**NOTE:** Alerts do not function during quick, interval, or advanced workouts.

**Time and Distance Alerts**

Time and distance alerts are useful for long runs when you want to train for a certain amount of time or distance.

When you reach your goal, the Forerunner beeps and displays a message.

**To set a time or distance alert:**

1. Press **mode** to access the Main Menu. Select **Training**.
2. Select **Training Options** > **Alerts** > **Time/Dist Alert**.
3. In the **Time Alert** field, select **Once** or **Repeat**.
4. Enter a time in the Alert At field.

5. In the Distance Alert field, select Once or Repeat.

6. Enter a distance in the Alert At field.

**TIP:** Press mode repeatedly to exit.

**Using Pace/Speed Alerts**

Pace alerts (called speed alerts in Biking or Other mode) notify you if you exceed or drop below a certain pace.

The pace alert takes advantage of pace zones, which are ranges of pace that you can store in the Forerunner. For more information, or to set your pace/speed zones, see page 46.

**To set a pace/speed alert:**

1. Press mode to access the Main Menu. Then select Training.

2. Select Training Options > Alerts > Pace (Speed) Alert.

3. In the Fast Pace Alert field, select a pace zone from the menu or select Custom to enter your own alert value.

4. Repeat for the Slow Pace Alert.
Heart Rate Alerts

**NOTE:** Heart rate alerts are a feature of the Forerunner 305 only.

The heart rate alert notifies you if your heart rate exceeds or drops below a specific number of beats per minute (bpm).

Heart rate alerts can also notify you if your heart rate exceeds or drops below a certain heart rate zone—a range of beats per minute. The five commonly accepted heart rate zones can help you determine the intensity of your workout. For more information, or to set your heart rate zones, see page 47.

**To set a heart rate alert:**

1. Press **mode** to access the Main Menu. Then select **Training**.

2. Select **Training Options > Alerts > HR Alert**.

3. In the **Min HR Alert** field, select a zone from the menu or select **Custom** to specify your own alert value.

4. Repeat for the **Max HR Alert**.
   The maximum value allowed is 235 bpm.

**NOTE:** When entering custom heart rate values, you must set your minimum and maximum alerts at least five bpm apart.
Using Cadence Alerts

**NOTE:** Cadence alerts are a feature of the Forerunner 305 only and can only be set in Biking mode.

If you own an optional Garmin cadence sensor, you can use cadence alerts. The cadence alert notifies you if your cadence exceeds or drops below a specific number of revolutions of the crank arm per minute (rpm).

Setting a cadence alert is similar to setting a heart rate alert. The maximum cadence value allowed is 255. Be sure to change to Biking mode when setting a cadence alert.

For more information about Garmin cadence sensors, visit www.garmin.com.

Auto Pause®

You can set the Forerunner to pause the timer automatically during your run when you stop moving or your pace drops below a certain value. This setting is helpful if your path includes stop lights or other places where you need to slow down or stop.

When you turn on Auto Pause, the Forerunner tracks any paused time as Rest Time and any paused distance as Rest Distance. To add these data fields to a Timer page, see page 39.

**NOTE:** Rest time and rest distance for Auto Pause are not stored in history.

**NOTE:** Auto Pause does not work during Interval or Advanced workouts.
To set Auto Pause:
1. Press **mode** to access the Main Menu.
2. Select **Training > Training Options > Auto Pause**.
3. In the **Auto Timer Pause** field, select **When Stopped**, or select **Custom Pace** to enter a value.

**TIP:** Press **mode** repeatedly to exit.

![Auto Timer Pause: Custom Pace](image)

---

**Auto Lap®**
You can use Auto Lap to start a new lap automatically after you have traveled a certain distance or passed a certain point in your run. This setting is helpful for comparing your performance over different parts of a run (each mile/kilometer or a major hill, for example).

*NOTE:* Auto Lap does not work during Quick, Interval, or Advanced workouts.

To set Auto Lap:
1. Press **mode** to access the Main Menu.
2. Select **Training > Training Options > Auto Lap**.
3. In the **Auto Lap Trigger** field, select **By Distance** to specify a value.
If you select **By Position**, the Forerunner marks a lap automatically each time you pass certain places during your run. Choose from the following options:

- **Lap Press only**—starts a new lap each time you press the lap button and each time you pass that location again.

- **Start And Lap**—starts a new lap each time you pass the starting point of your run, each time you press the lap button, and each time you pass those locations again.

- **Mark And Lap**—starts a new lap at a specific location you mark before your run, each time you press the lap button, and each time you pass those locations again.

If you select **Mark And Lap**, go to the place where you want to mark your first lap. Then select **Mark Position**. When you pass this place during your run, the Forerunner laps automatically.
**Virtual Partner™**

The Virtual Partner ™ is a unique tool designed to help you meet your training goals. When turned on, the Virtual Partner competes with you automatically during quick workouts and courses. See the following pages to learn more about quick workouts and courses.

If you are ahead of the Virtual Partner, the bottom field background is white. If you are behind, the background is black, as shown.

**To see Virtual Partner data:**

1. Set up a quick workout or course.
2. Press **start**.
3. Press the ▲▼ arrows to view all Timer pages.

**To turn off Virtual Partner:**

1. Press **mode** to access the Main Menu.
2. Select **Training > Training Options > Virtual Partner**.
3. In the **Virtual Partner** field, select **Off**.
Workouts: Quick, Interval, and Advanced
You can set up quick, interval, or advanced workouts on the Forerunner. If you set up an advanced workout, you can save, edit and transfer it from your PC to your Forerunner using Garmin Training Center™.

Quick Workouts
For quick workouts, you enter your time, distance, or pace goals, and the Forerunner displays the Virtual Partner to help you achieve them.

Distance & Time—enter how far you want to go and how long it should take.

Time & Pace—enter how long you want to work out and how fast you want to go.

Distance & Pace—enter how far you want to go and how fast you want to go.

NOTE: Auto Lap and alerts do not function during quick workouts.

To set up a quick workout:
1. Press mode to access the Main Menu. Then select Training > Workouts > Quick Workouts.
2. Select the type of workout you want to do.
3. Enter values in the top two fields on the page. You can select values from the list or select Custom to enter your own value.
4. Check the third field to ensure that all distance, time, and pace values seem reasonable. If not, make changes to the top two fields.

5. Select Done?

6. Press start to begin your workout.

**Interval Workouts**

For interval workouts, you enter the time or distance you want to run and the number of repetitions you want to complete:

- Run a certain distance and rest for a certain amount of time.
- Run for a certain amount of time and rest for a certain amount of time.
- Run for a certain amount of time and rest for a certain distance.

**To create an interval workout:**

1. Press mode to access the Main Menu. Then select Training.
2. Select Workouts > Interval.
3. Select an option from the Interval Workout page according to how you want to set up intervals.
4. Enter distance or time values into the appropriate fields.

5. In the **Reps** field, enter number of times you want to repeat each interval.

6. Select **Done?**.

7. Press **start** to begin your workout.

As you approach the end of a lap, an alarm sounds, and a message appears, counting down the time until a new lap begins.

**NOTE:** Auto Pause, Auto Lap, and Alerts do not function when you are doing an interval workout.
Advanced Workouts
Your Forerunner allows you to create and save advanced workouts that include goals for each workout step and varied distances, times, and rest laps. After you create and save a workout, you can use the Garmin Training Center™ software to schedule the workout for a particular day. Scheduling allows you to save setup time by planning workouts in advance and storing them on your Forerunner. For more information about installing Training Center, see page 57.

Creating Advanced Workouts
Garmin recommends that you use the Training Center software to create workouts and transfer them to your Forerunner. However, you can create an advanced workout directly on your Forerunner if you wish. Note that you cannot use the Forerunner to schedule workouts; you must use Training Center.

**NOTE:** If you create a workout on the Forerunner, be sure to transfer it to Training Center. The workout will be erased from the Forerunner if you load workouts from Training Center.

To create an advanced workout using the Forerunner:
1. Press **mode** to access the Main Menu. Then select **Training**.
2. Select **Workouts > Advanced > <Create New>**.
3. Enter a workout name in the top field.

5. In the **Duration** field, select how long you want the step to last. If you select **Open**, you can end the step during your workout by pressing **lap**.

6. Below **Duration**, enter the value where you want the step to end.

7. In the **Target** field, select your goal during the step (speed, heart rate, cadence, or none).

8. Below **Target**, enter a goal value for this step (if necessary). For example, if your target is heart rate, select a heart rate zone or enter a custom range.

9. When you are finished with this step, press **mode**.

10. To enter another step, select **<Add New Step>**. Then repeat steps 5–9.

11. To mark any step as a rest step, select the step. Then select **Mark as Rest Step** from the menu. Rest steps are noted in your workout history.

**NOTE:** Heart rate and cadence targets are for the Forerunner 305 only.
To repeat steps:
1. Select <Add New Step>.
2. In the Duration field, select Repeat.
3. In the Back to Step field, select the step you want to return to.
4. In the Number of Reps field, enter the number of repetitions.
5. Press mode to continue.

Starting Advanced Workouts
Once you begin an advanced workout, the Forerunner displays each step of the workout, including the name of the step, the goal (if any), and current workout data.

To start an advanced workout:
1. Press mode to access the Main Menu. Select Training > Workouts > Advanced.

If you have loaded workouts from Training Center, this menu appears.

2. Select the workout you want to start.
3. Select Do Workout.

During the workout, press the ▲▼ arrows to view more data pages.
An audible alarm sounds when you are about to finish a workout step. A message appears, counting down the time or distance until a new step begins. To end any workout step early and go to the next step, press lap.

**NOTE:** *Auto Pause, Auto Lap, and Alerts do not function when you are doing an advanced workout.*

Advanced workouts are sport-specific, which means you create workouts for a specific sport, and you must do them in that sport. For example, if you want to create an advanced workout in the Forerunner for Biking, you must switch to Biking mode.

The Forerunner automatically switches to the correct sport when you select an advanced workout. For example, if you try to start a Running workout while you are in Biking mode, the Forerunner changes to Running mode automatically.
Editing Advanced Workouts
You can edit workouts within Training Center or directly in the Forerunner. Note that Training Center serves as the “master list” of workouts. If you edit a workout directly in the Forerunner, the changes will be overwritten the next time you transfer workouts from Training Center. To make a permanent change to a workout, edit the workout in Training Center and then transfer it to your Forerunner.

To edit an advanced workout:
1. Press mode to access the Main Menu. Select Training > Workouts > Advanced.
2. Select the workout you want to change. Then select Edit Workout.
3. Select the step you want to edit. Then select Edit Step.
4. Make any necessary changes, and press mode.
5. Edit other steps as necessary.

To delete an advanced workout:
1. Press mode to access the Main Menu. Select Training > Workouts > Advanced.
2. Select the workout you want to delete. Then select Delete Workout. Select Yes to confirm.
Courses
Another way you can use the Forerunner for custom training is to create a course based on a previously recorded activity. Then you can race against the course, trying to match or exceed previously set goals. You can also use the Virtual Partner when training with courses. To turn on Virtual Partner, see page 15.

Creating Courses
Garmin recommends that you use the Training Center software to create courses and transfer them to your Forerunner. However, you can create and save a course directly on your Forerunner if you wish.

To create a course using the Forerunner:
1. Press mode to access the Main Menu. Select Training > Courses > <Create New>.
2. From the History page, select an entry on which to base your course.
3. Enter a name for the course in the top field.
4. Press mode to exit.
To start a course:
1. Press **mode** to access the Main Menu. Then select **Training > Courses**.
2. Select the course you want to start.
3. Select **Do Course**.

After you start a course, press the **▲▼ arrows** to see all course data. Press **mode** to follow your course on the map.

![Course map](image)

To end a course manually:
1. Press **mode** to access the Main Menu.

2. Select **Training > Stop Course**.

To edit a course name:
1. Press **mode** to access the Main Menu. Then select **Training > Courses**.
2. Select the course you want to rename. Then select **Edit Course**.
3. Edit the course name.

To delete a course:
1. Press **mode** to access the Main Menu. Then select **Training > Courses**.
2. Select the course you want to delete. Then select **Delete Course**. Select **Yes** to confirm.
**Multi-sport Workouts**

Triathletes, duathletes, and other multi-sport competitors can take advantage of the Forerunner’s multi-sport workouts. When you set up a multi-sport workout, you can switch between sport modes and still view your total time and distance for all sports. For example, you can switch from Biking mode to Running mode and view your total time and distance for biking and running throughout your workout.

The Forerunner stores multi-sport workouts in History and includes total time, distance, average heart rate, and calories for all sports in the workout. It also includes specific details for each sport. To see the sport-specific details, you must switch sport modes. For example, to see details for the Biking portion of a multi-sport workout, switch to Biking mode.

You can use multi-sport workouts manually, or you can preset multi-sport workouts for races and other events.

**Using Multi-sport Manually**

You can create a manual multi-sport workout by changing sport modes during your workout without resetting the timer. When you change sport modes, press the **▲▼ arrows** to see the Multi-sport Timer page.
To create a multi-sport workout manually:
1. Start and complete a workout in any sport. Press stop to finish your workout, but do not reset the timer.
2. Press and hold mode until the Change Sport menu appears.
4. Press start to begin your workout in the new sport.

Auto Multi-sport Workouts
If you are participating in a race or event, you can set up an auto multi-sport workout that includes each sport in the event. You can also include transition time from one sport to the next. Move seamlessly from sport to sport by pressing the lap button.

To set up an auto multi-sport workout:
1. Press mode to access the Main Menu. Select Training > Auto Multisport.
2. To change a sport mode in the list, select the sport.
3. Select an option from the menu. **Edit Leg** changes this sport mode to a different sport. **Insert Leg** inserts another sport mode before this sport. **Remove Leg** removes this sport mode from the list.

4. To add a sport mode to the end of the list, select `<Add Sport>`.

5. To include transition time between each sport mode, select **Include Transition**.

6. To start your workout, select **Start Multisport**.

To change from one sport mode to the next, press **lap**. If you have included transition time, press **lap** when you are finished with one sport to start the transition time. Press **lap** again to end the transition time and begin the next sport.

**To stop Auto Multisport:**
Press **mode** to access the Main Menu. Select **Training > Stop Multisport**.

You can also clear a multi-sport workout by pressing and holding **reset** to reset the timer. Be sure the timer is stopped before you press and hold **reset**.
HISTORY

Your Forerunner automatically saves all training data (when the timer is started) and can hold up to two years (1000 laps) of data in memory. You can view the data on your Forerunner or transfer the history to the Training Center software, where you can analyze your data.

When the memory is full, the Forerunner begins overwriting old data. Load your history into the Training Center software periodically to keep track of all of your activities.

History data includes time, distance, average pace, best pace, calories and detailed lap information. Forerunner 305 history data also includes heart rate. No data is saved when the timer is stopped.

About History Detail
The Forerunner displays history details differently, depending on the type of training you completed. Details of simple activities appear on one summary page. Details of quick workouts, interval workouts, advanced workouts, and courses appear with tabs, which organize information into sections. To view information on different tabs, press the ▲▼ arrows.

Interval workout history
**Viewing History**
You can view history by day, week, or totals.

**To view history by day:**
1. Press `mode` to access the Main Menu. Then select **History > By Day**.
2. Press ▼ to scroll through the list. As you scroll, summary details appear below the list.
3. Select an entry to view details. Select **View Laps** for additional lap detail.

Laps of an interval workout. The arrow indicates a rest lap.

**To view laps on the map:**
1. While viewing details for a history entry, select **View Laps**.
2. Select a lap in the list. Then select **View on Map**.
3. Press the ▲ and ▼ arrows to zoom in and out on the map. Select **Next** to view the next lap.

**To delete laps or entire records from history:**
1. While viewing details for an activity, select **View Laps**.
2. Select the lap you want to delete.
3. Select **Delete Lap** or **Delete Entire Run**. Select **Yes** to confirm.

**To view history by weeks:**
1. Press **mode** to access the Main Menu. Then select **History > By Week**.
2. Press ▼ to scroll through the list of weeks. As you scroll, totals for each week appear below the list.
3. Select a week to view details in that week by day.

**To view history totals:**
1. Press **mode** to access the Main Menu. Select **History > History Totals**. Totals appear for distance, time, and calories for all of your saved activities.
2. Select **View Weeks** to see a list of weeks.
Deleting History
After you have transferred old Forerunner data to Training Center, you may want to delete the history from your unit.

To delete history:

1. Press **mode** to access the Main Menu. Then select **History > Delete....**

2. Select **Keep 1 Month, Keep 3 Months**, or **Delete All**. Select **Yes** to confirm.
NAVIGATION

Use the GPS navigation features of your Forerunner to view your path on a map, save locations you want to remember, create routes, and find your way home.

Viewing the Map
Before you use the navigation features, you may want to configure the Forerunner to display the map page.

To add the map page:
1. Press **mode** to access the Main Menu.
2. Select **Settings > General > Map**.
3. In the **Show Map** field, select **Yes**.

When you press **mode**, you will see the Timer, Map, and Main Menu pages. When you start the timer and begin to move, a tiny dotted line appears on the map, showing you exactly where you have traveled. This dotted line is called a track. To zoom in or out on the map, press the ▲▼ arrows. To change map settings, see page 43.
Marking Locations
A location is any point that you store in memory. If you want to remember landmarks or return to a certain spot, mark a location there. The location appears on the map with a name and symbol. You can find, view, and return to locations at any time.

To mark your location:
1. Go to the place where you want to mark a location.
2. Press mode to access the Main Menu. Select Navigation > Mark Location.
3. Enter a name in the top right field. You can also change the symbol in the top left field.
4. Select OK.

To find and go to a location:
1. Press mode to access the Main Menu. Select Navigation > Find.
2. Use the ▲▼ arrows to find a location in the list, and press enter to select it.
NAVIGATION

3. Select Go To. Follow the line on the map to the location. When you are going to a location, the Map and Compass pages are added automatically. Press mode to view these pages. On the Compass page, the arrow points toward the location. Go in the direction of the arrow to reach the location.

To stop going to a location:
Press mode to access the Main Menu. Select Navigation > Stop Go To.

To edit or delete a location:
1. Press mode to access the Main Menu. Then select Navigation > Find.
2. Select the location you want to edit.
3. Change the name and symbol as necessary. To delete the location, select Delete.
Creating and Using Routes

A route is a straight line path between two or more points on the map. After you create locations, you can use them to build routes involving a few points or many points. Then you can save the routes and use them any time.

To create a route:
1. Press **mode** to access the Main Menu. Then select **Navigation** > **Routes**.

2. Select **New**.

3. Select the dotted line and press **enter** to add a location to your route.

4. Select the location from the list, and then select **Use**.

5. Repeat steps 3 and 4 to add more locations to your route.

6. When you are finished adding locations, select **Navigate**. Your route appears on the map as a dark line connecting each location.
To use a saved route:
1. Press mode to access the Main Menu. Then select Navigation > Routes.
2. Select the route you want to follow. Then select Navigate.

To stop navigating a route:
1. Press mode to access the Main Menu.
2. Select Navigation > Stop Route.

To edit or delete a route:
1. Press mode to access the Main Menu. Then select Navigation > Routes.
2. Select the route you want to edit. Then select Edit. To delete the route, select Delete.
3. Select a point to edit:
   - Review—view it on the map.
   - Insert—insert a point before this point.
   - Remove—remove it from the route.
   - Change—replace it with another point
   - Move—move it to another place in the route.
4. When you are finished making changes, select Navigate or press mode to exit.
Viewing GPS Information
The Satellite page displays information about the GPS signals the Forerunner is currently receiving. From the Main Menu, select Navigation > Satellite to view the Satellite page.

Each GPS satellite in space has a specific number. The numbers of several GPS satellites appear on the circular graphic. The number corresponds to the current position of that satellite in space. Each highlighted number on the graphic corresponds to a satellite from which the Forerunner is currently receiving signals.

Press the ▲▼ arrows on the Satellite page to view satellite strength information. The black bars represent the strength of each satellite signal received (the number of the satellite appears below each bar).
SETTINGS

You can customize general Forerunner settings and individual sport settings, such as heart rate zones and pace/speed zones.

General Settings
To change general settings, select Settings > General from the Main Menu.

Changing Data Fields
You can change the data fields on any of the Timer pages: Main 1, Main 2, and Running/Biking/Other. Changes you make to the sport-specific pages appear only in that sport mode. For example, if you change the Biking page, those data fields appear only in Biking mode.

See page 50 for a list of available data fields.

To change data fields:
1. From the Main Menu, select Settings > General > Data Fields.
2. Select the page you want to change.
3. Select the number of data fields you want to see on this page.
4. Use the ▲▼ arrows and enter to change the data fields. Press mode to exit.
5. Repeat for each page you want to customize.
Changing System Settings

To turn GPS off for indoor use:
1. From the Main Menu, select Settings > General > System.
2. Press enter and select GPS Off from the GPS menu.

### NOTE:
When GPS is off, pace and distance data are not available. The next time you turn on the Forerunner, it will search for satellite signals again.

To change the text language:
1. From the Main Menu, select Settings > General > System.
2. Select a language in the Text Language field.

To turn sounds on or off:
1. From the Main Menu, select Settings > General > System.
2. Select an option in the Tones field to turn the Forerunner sounds on or off.

Changing Your User Profile

See page 8 to change your user profile.
Changing Display Settings

To change backlight and contrast:
1. From the Main Menu, select Settings > General > Display.
2. Select the amount of time the backlight stays on and the amount of screen contrast.

Press **power** once to turn on the backlight. After the backlight shuts off automatically, press any key to turn the backlight on again. To turn the backlight off manually, press **power**.

**TIP:** Use a short backlight timeout setting to conserve battery power.

To scroll through Timer pages automatically:
Select **On** in the **Auto Scroll Timer Pages** field.
**Data Recording**

Data recording controls how the Forerunner records detailed data for your runs or other activities. By default, the Forerunner uses Smart Recording to record your movements and create detailed history. Smart Recording picks up key points where you change direction, speed, or heart rate.

You can also record data every second. Doing so creates the most accurate record possible of your activity. However, with this setting, the Forerunner can only record up to 3.5 hours of detailed data.

**NOTE:** When the history is full, older history data is overwritten automatically. Be sure to transfer history to Training Center often.

To change data recording:

1. From the Main Menu, select **Settings > General > Data Recording**.
2. In the **Record Data Points** field, select **Every Second** or **Smart Recording**.

**Adding Accessories**

The Forerunner 305 has two possible accessories: a heart rate monitor, and an optional Garmin cadence sensor. You can enable these accessories from this menu or restart scanning if you are having trouble receiving data.

To scan for accessories:

1. From the Main Menu, select **Settings > General > Accessories**.
2. Select an accessory; then select **Yes** to turn on scanning for that accessory. To restart scanning for an accessory, select **Restart Scan**.

![Select the accessories you own](image)

To change map settings:

1. From the Main Menu, select **Settings > General > Map**.

2. To change the orientation of the map, press **enter** and select an option.

   - **North Up**—orients the map with North at the top of the screen.
   - **Track Up**—orients the map with your direction of travel at the top of the screen.

3. To show/hide waypoints on the map, select **Show** or **Hide** in the **User Locations** field.

See pages 55-56 for more information on pairing and troubleshooting accessories.
4. To view the Map page as part of the page loop, select Yes in the Show Map field.

_TIP:_ The Map is automatically visible when you go to a location or navigate a route or course.

**Changing Units**

To change units of measure:

1. From the Main Menu, select **Settings > General > Units**.
2. Select units of measure for distance and speed and for heart rate.

**Changing Time Settings**

To change time settings:

1. From the Main Menu, select **Settings > General > Time**.
2. Select a time format and time zone and enable or disable daylight saving time.

**About Forerunner**

From the Main Menu, select **Settings > General > About Forerunner** to view your software version, GPS version, and unit ID.
Changing Sport Settings

For each sport, you can change speed units and enter extra gear or bike weight, which affects how calories are calculated. You can also enter speed zones and heart rate zones for each sport.

To set extra weight for a sport:
1. From the Main Menu, select Settings.
2. Select a sport, and then select Extra Weight.
3. Enter the amount of extra weight you are carrying.

To change speed units for a sport:
1. From the Main Menu, select Settings.
2. Select a sport to change units. Then select Speed Units.
3. Select Pace or Speed.
4. If you selected Pace, select the amount of pace smoothing you want to use.
Pace smoothing averages your displayed pace over a certain amount of time to avoid errors in GPS position and speed due to varying satellite signal reception. When you turn on or increase pace smoothing, the pace displayed on your Forerunner is steadier (fewer large jumps). To use pace smoothing, you must set your speed units to pace.

**NOTE:** Pace smoothing affects your displayed pace and the timing of pace alerts and Auto Pause; however, it does not affect the data stored in History.

---

### Setting Pace/Speed Zones

For each sport, your Forerunner contains ten pace/speed zones, ranging from very slow to maximum speed. The values for these pace/speed zones are entered by default and may not match your personal abilities. After you enter appropriate values, you can use these zones to set your pace/speed alerts or use them as targets in advanced workouts.
To change your pace/speed zones:

1. From the Main Menu, select Settings.
2. Select a sport, and then select Pace/Speed Zones.
3. Select the zone you want to change. Enter a minimum and maximum pace/speed for that zone.
4. Repeat step 3 for each zone you want to change.

Setting Heart Rate Zones

A heart rate zone is simply a certain range of beats per minute. Heart rate zones are generally based on a percentage of your maximum heart rate and are numbered from 1 to 5 based on intensity (1–lowest, 5–highest).

If you know your maximum heart rate, you can enter it and allow the Forerunner to calculate your heart rate zones automatically. You can also enter your heart rate zones manually. You can set heart rate zones for each sport.

To base heart rate zones on your maximum heart rate:

1. From the Main Menu, select Settings.
2. Select a sport to set heart rate zones. Then select **HR Zones**.

3. Select the **Zones** field. Then select **Based on Max**.

4. Select the **Max** field and enter your maximum heart rate. The Forerunner calculates your heart rate zones automatically based on your maximum heart rate.

To change your heart rate zones manually:
1. From the Main Menu, select **Settings**.
2. Select a sport to set heart rate zones. Then select **HR Zones**.
3. Select the **Zones** field. Then select **Custom**.
4. In any heart rate zone, select a heart rate value you want to change and enter a new value. Repeat for each heart rate value you want to change.
APPENDIX

Be sure to read the Warnings and Cautions to learn to use your Forerunner safely and responsibly.

Cleaning and Care
Clean the Forerunner and the heart rate monitor using a cloth dampened with a mild detergent solution. Wipe dry. Avoid chemical cleaners and solvents that may damage plastic components.

Do not store the Forerunner where prolonged exposure to temperature extremes may occur (such as in the trunk of a car), as permanent damage may result. User information, such as history, locations, and tracks, is retained indefinitely in the unit’s memory without the need for external power. Back up important user data by downloading it to Training Center on your personal computer. See page 57 to load Training Center.

Water Immersion
The Forerunner is waterproof to IEC Standard 60529 IPX7. It can withstand immersion in 1 meter of water for 30 minutes. Prolonged submersion can cause damage to the unit. After submersion, be certain to wipe dry and air dry the unit before using or charging.
Replacing the Heart Rate Monitor Battery
The heart rate monitor contains a user replaceable CR2032 battery. Be sure to dispose of old batteries properly. To replace the battery, locate the circular battery cover on the back of the heart rate monitor. Use a coin to twist the cover counter-clockwise until it is loose enough to remove. Remove the cover and replace the battery. Be careful not to damage or lose the o-ring gasket on the cover. Then use a coin to twist the cover back into place.

Data Fields
The data fields available on any Timer page change based on the accessories you own and the speed units you have selected for a sport. Starred (*) data fields are available with the Forerunner 305 only.

Cadence*—revolutions of the crank arm per minute.

Cadence – Avg*—average cadence for the duration of your current ride.

Cadence – Lap*—average cadence for current lap.

Calories—amount of calories burned.

Distance—distance traveled on current run.
**Dist – Lap**—distance traveled in current lap.

**Dist – Last Lap**—distance of last completed lap.

**Dist – Paused**—distance covered while timer is in Auto Pause.

**Elevation**—distance above/below sea level.

**GPS Accuracy**—margin of error for your exact location (for example, +/- 19 ft).

**Grade**—calculation of rise over run. For example, if for every 10 feet you climb (elevation) you travel 200 feet (distance), your grade is 5%.

**Heading**—current direction you are traveling.

**Heart Rate***—heartbeats per minute (bpm).

**Heart Rate – Avg***—average heart rate for the duration of your current run.

**Heart Rate – Lap***—average heart rate in current lap.

**Heart Rate Zone***—current heart rate zone (1–5). The default zones are based on your maximum heart rate and user profile.

**Laps**—number of laps completed.

**Pace**—current pace.

**Pace – Average**—average pace over the duration of your current run.

**Pace – Best**—best pace achieved during current run.
Pace – Lap—average pace during current lap.
Pace – Last Lap—average pace during last completed lap.
Pace Zone—current range of pace based on your pace zone settings. See page 46.
Speed—current speed.
Speed – Avg—average speed for the duration of your current activity.
Speed – Lap—average speed during current lap.
Speed – Last Lap—average speed of last completed lap
Speed – Max—top speed achieved during current activity.

Sunrise—approximate time of sunrise based on your GPS position.
Sunset—time of sunset based on your GPS position.
Time—stopwatch time.
Time – Avg Lap—average time to complete each lap so far.
Time – Lap—amount of time in current lap.
Time – Last Lap—length of time to complete the last full lap.
Time – Paused—time elapsed while timer in Auto Pause.
Time of Day—current time of day based on your time settings.
Heart Rate Information
Many runners and other athletes are using heart rate zones to measure and increase their cardiovascular strength and improve their level of fitness.

What are heart rate zones?
A heart rate zone is simply a range of heartbeats per minute (bpm). The five commonly accepted heart rate zones are numbered from 1–5 according to increasing intensity. Generally, heart rate zones are calculated based on percentages of your maximum heart rate. See the next page to learn some of the effects of exercise as your heart rate reaches each of these zones.

How do heart rate zones affect your fitness goals?
Knowing your heart rate zones can help you measure and improve your fitness by understanding and applying these principles:

- Your heart rate is a good measure of exercise intensity.
- Training in certain heart rate zones can help you improve cardiovascular capacity and strength.
- Knowing your heart rate zones can prevent you from overtraining and decrease your risk of injury.

See the next page to learn about the benefits of training in each heart rate zone.
How can I determine my heart rate zones?
If you know your maximum heart rate, you can enter it and allow the Forerunner to calculate your heart rate zones based on the percentages shown below. For more information on setting your heart rate zones, see page 47.

<table>
<thead>
<tr>
<th>Zone</th>
<th>% of Max. Heart Rate</th>
<th>Perceived Exertion</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>50%–60%</td>
<td>Relaxed, easy pace; rhythmic breathing</td>
<td>Beginning-level aerobic training; reduces stress</td>
</tr>
<tr>
<td>2</td>
<td>60%–70%</td>
<td>Pace comfortable; slightly deeper breathing, conversation possible</td>
<td>Basic cardiovascular training; good recovery pace</td>
</tr>
<tr>
<td>3</td>
<td>70%–80%</td>
<td>Pace moderate; more difficult to hold conversation</td>
<td>Improved aerobic capacity; optimal cardiovascular training</td>
</tr>
<tr>
<td>4</td>
<td>80%–90%</td>
<td>Pace fast and a bit uncomfortable; breathing forceful</td>
<td>Improved anaerobic capacity and threshold; improved speed</td>
</tr>
<tr>
<td>5</td>
<td>90%–100%</td>
<td>Pace a sprinting effort, unsustainable for long period of time; labored breathing</td>
<td>Anaerobic and muscular endurance; increased power</td>
</tr>
</tbody>
</table>
About Pairing
Pairing is the process of matching sensors, like your heart rate monitor, with your Forerunner 305. This process occurs automatically when you turn on the Forerunner and only takes a few seconds when the sensors are on and functioning correctly.

Once paired, your Forerunner will only receive data from your sensor. Upon power up, the Forerunner will automatically scan for the sensors you have enabled (see “Adding Accessories,” page 42) Each sensor has a unique ID. The Forerunner learns and saves this unique ID while pairing the first time. The next time you turn on the Forerunner, it will only pair with the unique sensor ID. If the Forerunner does not find the sensor, you should restart the scan to find your sensor ID.

Interference
Strong electromagnetic fields can interfere with your heart rate monitor and cause your heart rate to appear unusually high, freeze, or disappear. Common sources of interference include high voltage power lines, electric motors, computers, televisions, and mobile phones. After you move away from the source of interference, your heart rate reading should return to normal.
Heart Rate Monitor Troubleshooting
If you have trouble pairing with the heart rate monitor, or if your heart rate readings are erratic, try the following suggestions.

• Position the Forerunner within 3 meters of the sensor while pairing.
• Stay far away from any other sensors while pairing.
• Move away from sources of interference (see the previous page).
• Restart scan if your Forerunner appears to be paired with another sensor (see page 42).
• Make sure scanning for the heart rate monitor is enabled (see page 42).
• Replace the battery.
• Clean the sensors. Dirt and sweat build-up on the sensors can weaken signals.
• Reapply moisture. Use electrode gel, water, or saliva.
• Make sure the heart rate monitor is snug against your body. If you have trouble with erratic readings, position the transmitter on your back.
• Wear a cotton shirt, or wet your shirt. Synthetic fabrics that rub or flap against the heart rate monitor can create static electricity that interferes with heart rate signals.
• Replace the battery.
• Clean the sensors. Dirt and sweat build-up on the sensors can weaken signals.
• Reapply moisture. Use electrode gel, water, or saliva.
• Make sure the heart rate monitor is snug against your body. If you have trouble with erratic readings, position the transmitter on your back.
• Wear a cotton shirt, or wet your shirt. Synthetic fabrics that rub or flap against the heart rate monitor can create static electricity that interferes with heart rate signals.
Garmin Training Center
The Garmin Training Center software is included in the Forerunner product box. Locate the Training Center CD and use it to install Training Center on your personal computer.

Training Center offers workout analysis tools and allows you to create and schedule custom courses and workouts and transfer them to the Forerunner.

To install Training Center:
1. Insert the Training Center CD into your computer’s CD-ROM drive.
   If the welcome screen does not appear, click Start and then Run....

   Type in the drive letter of your CD-ROM drive followed by “setup” (example: D:\setup). Then press Enter.

2. When the welcome screen appears, follow the instructions on the screen to install Training Center.

   Use the USB cable from the product box to connect your Forerunner to your computer. Then open Training Center.
   For help using Training Center, click the Help menu and select Contents, or press F1 on your keyboard.
Specifications

**GPS**: High sensitivity SiRFstarIII™ architecture

**Acquisition Time:**
- **Hot Start**: < 1 second
- **Warm Start**: < 38 seconds
- **Cold Start**: < 45 seconds

**Update Rate**: 1/second, continuous

**GPS Position Accuracy***:
< 10 meters 50%, typical

**GPS Velocity Accuracy***:
< 0.05 m/s

*Accuracy depends on view of the sky. 99%—clear view; 95%—typical.

**Dynamics**: Performs to specifications to 6 g’s

**Operating Temperature Range**:
-4°F to 140°F (-20°C to 60°C)

**Weight**: 77 g (2.72 oz)

**Display**: 33 x 20.3 mm (1.3” x 0.8”)

**Physical size**: 53.3 x 17.8 x 68.6 mm (2.1” x 0.7” x 2.7”)

**Lap memory**: 1,000 laps

**Battery**: Rechargeable internal lithium-ion

**Battery Life**: 10 hours (typical use)

**Water resistance**: IEC 60529 IPX7 (submersible to one meter for up to 30 minutes)

**Heart rate monitor**:

**Physical size**: 34.8 x 3.56 x 1.27 cm (13.7” x 1.4” x 0.5”)

**Transmission range**: approximately 3 m (9.8 ft)

**Battery**: CR2032 (3 volts)

**Battery Life**: 3 years (1 hour per day)

**Weight**: 21 g (0.74 oz)

Accuracy may be degraded by poor sensor contact, electrical interference, and receiver distance from transmitter.
Limited Warranty
This Garmin product is warranted to be free from defects in materials or workmanship for one year from the date of purchase. Within this period, Garmin will at its sole option repair or replace any components that fail in normal use. Such repairs or replacement will be made at no charge to the customer for parts or labor, provided that the customer shall be responsible for any transportation cost. This warranty does not cover failures due to abuse, misuse, accident or unauthorized alteration or repairs.

THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED OR STATUTORY, INCLUDING ANY LIABILITY ARISING UNDER ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, STATUTORY OR OTHERWISE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, WHICH MAY VARY FROM STATE TO STATE.

IN NO EVENT SHALL GARMIN BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT OR FROM DEFECTS IN THE PRODUCT. Some states do not allow the exclusion of incidental or consequential damages, so the above limitations may not apply to you.

Garmin retains the exclusive right to repair or replace the unit or software or offer a full refund of the purchase price at its sole discretion. SUCH REMEDY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY.

To obtain warranty service, contact your local Garmin authorized dealer or call Garmin Product Support for shipping instructions and an RMA tracking number. The unit should be securely
packed with the tracking number clearly written on the outside of the package. The unit should then be sent, freight charges prepaid, to any Garmin warranty service station. A copy of the original sales receipt is required as the proof of purchase for warranty repairs.

Garmin International, Inc.
Tel. 913/397.8200
Fax. 913/397.8282

Garmin (Europe) Ltd.
Tel. 44/0870.8501241
Fax 44/0870.8501251

**Online Auction Purchases:** Products sold through online auctions are not eligible for rebates or other special offers from Garmin. Online auction confirmations are not accepted for warranty verification. To obtain warranty service, an original or copy of the sales receipt from the original retailer is required. Garmin will not replace missing components from any package purchased through an online auction.

**International Purchases:** A separate warranty is provided by international distributors for units purchased outside the United States. This warranty is provided by the local in-country distributor and this distributor provides local service for your unit. Distributor warranties are only valid in the area of intended distribution. Units purchased in the United States or Canada must be returned to the Garmin service center in the United Kingdom, the United States, Canada, or Taiwan for service.

The unit has no user-serviceable parts. Should you ever encounter a problem with your unit, please take it to an authorized Garmin dealer for repairs.

The unit is fastened shut with screws. Any attempt to open the case to change or modify the unit in any way will void your warranty and may result in permanent damage to the equipment.
FCC Compliance
The unit complies with Part 15 of the FCC interference limits for Class B digital devices FOR HOME OR OFFICE USE. These limits are designed to provide more reasonable protection against harmful interference in a residential installation, and are more stringent than “outdoor” requirements.

Operation of this device is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The unit does not contain any user-serviceable parts. Repairs should only be made by an authorized Garmin service center. Unauthorized repairs or modifications could result in permanent damage to the equipment, and void your warranty and your authority to operate this device under Part 15 regulations.
Software License Agreement
BY USING THE FORERUNNER 205/305, YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THE FOLLOWING SOFTWARE LICENSE AGREEMENT. PLEASE READ THIS AGREEMENT CAREFULLY.

Garmin grants you a limited license to use the software embedded in this device (the “Software”) in binary executable form in the normal operation of the product. Title, ownership rights, and intellectual property rights in and to the Software remain with Garmin.

You acknowledge that the Software is the property of Garmin and is protected under the United States of America copyright laws and international copyright treaties. You further acknowledge that the structure, organization, and code of the Software are valuable trade secrets of Garmin and that the Software in source code form remains a valuable trade secret of Garmin. You agree not to decompile, disassemble, modify, reverse assemble, reverse engineer, or reduce to human readable form the Software or any part thereof or create any derivative works based on the Software. You agree not to export or re-export the Software to any country in violation of the export control laws of the United States of America.
CE Compliance
Hereby, Garmin International, declares that this GPS equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

DECLARATION of CONFORMITY


Standard to which Conformity is Declared:
- EN 55022:1998 (CISPR 22) Information Technology Equipment
- EN 61000-4-2:2001 Electromagnetic Compatibility - Electrostatic Discharge Immunity
- EN 61000-4-3:2001 Electromagnetic Compatibility - Radiated, Radio Frequency Immunity
- EN 60950-1:2001 Safety of Information Technology Equipment

Manufactured by: Garmin International & Garmin Corporation

Manufacturer’s Address: 1200 E. 151st Street
Olafsh, Kansas 66062
U.S.A

Authorised Representative: Garmin (Europe) Ltd, The Quadrangle,
Abbey Park Ind. Estate, Romsey, Hampshire,
SO51 9DL, U.K.

Type of Equipment: Information Technology Equipment (Global Positioning System Receiver)

Model Number(s): FORERUNNER 205
FORERUNNER 305

The undersigned does hereby declare that the equipment complies to the above Directives

Paul Morrow
Quality Manager
Garmin (Europe) Ltd
Date: 14th December 2005

DECLARATION of CONFORMITY


Standard to which Conformity is Declared:
- EN 60950-1:2001
- EN 300 440-1 V1.3.1 (2001-09)
- EN 301 489-1 V1.5.1 (2004-07)
- EN 301 489-3 V1.4.1 (2002-08)
- 47 CFR 15.249
- RSS-210 (A2.9)

Manufactured by: Garmin International & Garmin Corporation

Manufacturer’s Address: 1200 E. 151st Street
Olafsh, Kansas 66062
U.S.A

Authorised Representative: Garmin (Europe) Ltd, The Quadrangle,
Abbey Park Ind. Estate, Romsey, Hampshire,
SO51 9DL, U.K.

Type of Equipment: Low Power Unlicensed Transmitter

Model Number(s): HRM1

The undersigned does hereby declare that the equipment complies to the above Directives

Paul Morrow
Quality Manager
Garmin (Europe) Ltd
Date: 7th December 2005
Warning

Failure to avoid the following potentially hazardous situations could result in an accident or collision resulting in death or serious injury.

When navigating, carefully compare information displayed on the Forerunner to all available navigation sources, including information from visual sightings and maps. For safety, always resolve any discrepancies or questions before continuing navigation.

The Forerunner contains a non-user replaceable, rechargeable lithium-ion battery. The heart rate monitor contains a replaceable CR2032 battery. The battery may present a risk of fire or chemical burn if mistreated.

- Do not recharge out of the unit, disassemble, heat above 140°F (60°C), or incinerate.

- Keep used battery away from children.

- Dispose of used battery or unit properly. Contact your local waste disposal department for information on properly disposing of lithium-ion batteries.

The Forerunner has no user-serviceable parts. Should you ever encounter a problem with your unit, please take it to an authorized Garmin dealer for repairs.

Always consult your physician before beginning or modifying any exercise program. If you have a pacemaker or other implanted electronic device, consult your physician before using a heart rate monitor.
Caution

Failure to avoid the following potentially hazardous situations may result in injury or property damage.

Use the Forerunner only as a navigational aid. Do not attempt to use the Forerunner for any purpose requiring precise measurement of direction, distance, location, or topography. This product should not be used to determine ground proximity for aircraft navigation.

The Global Positioning System (GPS) is operated by the United States government, which is solely responsible for its accuracy and maintenance. The government’s system is subject to changes which could affect the accuracy and performance of all GPS equipment, including the Forerunner. Although the Forerunner is a precision navigation device, any navigation device can be misused or misinterpreted and, therefore, become unsafe.

The Forerunner and heart rate monitor are consumer devices, not medical devices, and could suffer from interference from external electrical sources. The heart rate readings are for reference only and no responsibility can be accepted for the consequences of any erroneous readings.

WARNING: This product, its packaging, and its components contain chemicals known to the State of California to cause cancer, birth defects, or reproductive harm. This Notice is being provided in accordance with California’s Proposition 65. If you have any questions or would like additional information, please refer to our Web site at http://www.garmin.com/prop65.
INDEX

A
Accessories
   adding 42
Acquiring satellite
   signals 2
Advanced workouts
   and Training
      Center 19
         creating 19
         editing 23
         starting 21
Alerts 9
   cadence 12
   heart rate 11
   pace 10
   speed 10
   time and distance 9
Arrow buttons 6
Auto Lap 13
Auto Multi-sport 27
Auto Pause 12
Auto scroll timer
   pages 41

B
Backlight 6, 41
Battery
   charging 1
   replacing in heart
   rate monitor 50
Battery icon 7
Buttons 6

C
Cadence alert 12
Cleaning and care 49
Compass 35
Contact Garmin ii
Contrast, adjusting 41
Courses 24–25
Customizing timer
   pages 39

D
Data fields 50
   changing 39
Data recording 42
Daylight saving
   time 44
Distance alert 9

E
Enter button 6
Extending the wrist
   strap 5
Extra weight,
   adding 45

G
Go to location 34
GPS
   about 38
   acquiring signals 2
   turning on and
   off 40
GPS antenna 2

H
Heart rate alert 11
Heart rate icon 4, 7
Heart rate monitor
   interference 55
   pairing 4, 55
   restart scan 42
   troubleshooting 56
   wearing 3
Heart rate zones
INDEX

- about 53
- and alerts 11
- setting 47
- History 29
  - deleting 32
  - totals 31
  - viewing 30
- I
  - Indoor use 40
  - Interval workouts 17
- L
  - Language,
    - changing 40
  - Lap button 6
  - Locations
    - deleting 35
    - editing 35
    - finding 34
    - marking 34
- M
  - Map 33
    - adding the Map
      - page 33
  - Mode button 6
- Multi-sport
  - workouts 26–28
- P
  - Pace alert 10
  - Pace smoothing 46
  - Power button 6
  - Product registration ii
- R
  - Reset button 6
  - Rest time/rest
    - distance 12
  - Routes 36–37
- S
  - Satellite page 38
  - Serial number ii
  - Settings
    - general 39
    - sport-specific 45
  - Sounds, turning
    - on/off 40
  - Specifications 58
  - Speed alert 10
  - Sports, changing 7
  - Start/stop button 6
- T
  - Time alert 9
  - Time zone,
    - changing 44
  - Training Center
    - and advanced
      - workouts 19
    - and courses 24
    - and history 29
    - installing 57
  - Troubleshooting 56
- U
  - Units of measure,
    - changing 44
  - USB 1, 57
  - User profile, setting 8
- V
  - Virtual Partner 15, 16, 24
- W
  - Water immersion 49
  - Wrist strap,
    - extending 5
For the latest free software updates (excluding map data) throughout the life of your Garmin products, visit the Garmin Web site at www.garmin.com.

© 2006 Garmin Ltd. or its subsidiaries

Garmin International, Inc.
1200 East 151st Street, Olathe, Kansas 66062, U.S.A.

Garmin (Europe) Ltd.
Unit 5, The Quadrangle, Abbey Park Industrial Estate,
Romsey, SO51 9DL, U.K.

Garmin Corporation
No. 68, Jangshu 2nd Road, Shijr, Taipei County, Taiwan

www.garmin.com

Part Number 190-00581-00 Rev. A