bryton

Rider
35

User's Manual

Speed

22.5
k m h

Distance	Max HR
72 k m	180 b p m

Avg CAD	Alt. Gain
60 r p m	828 m

BACK

START/REC

MODE

LAP

Rider 35

Table of Contents

⚠️ WARNING

Always consult your physician before you begin or modify any training program. Please read the details in Warranty and Safety Information guide in the package.

Product Registration

Help us better support you by completing your device registration using Bryton Bridge. Go to http://support.brytonsport.com for more information.

Bryton Software

Go to http://brytonsport.com to download free software to upload your personal profile, tracks and analyze your data on the web.

Getting Started

This section will guide you on the basic preparations before you start using your Rider 35.

Your Rider 35
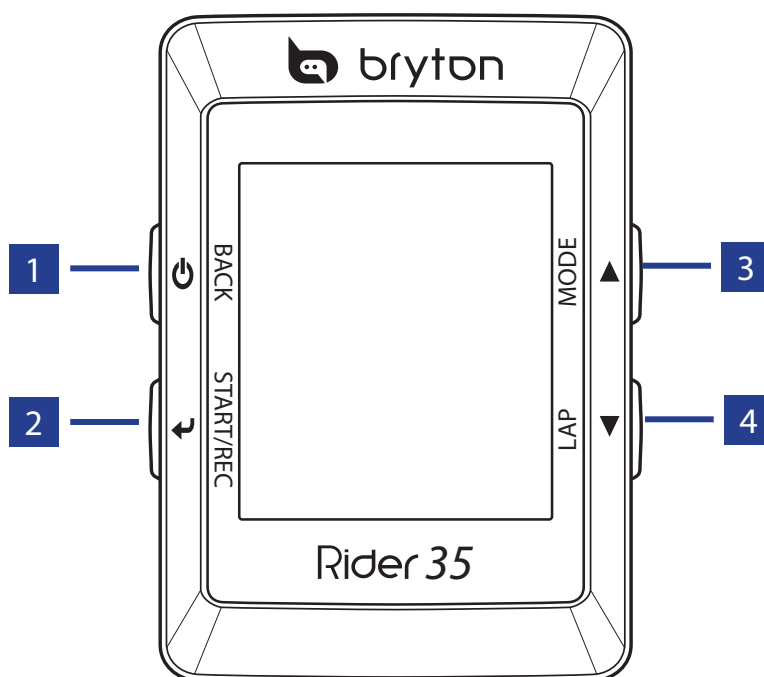
1 Power ⏻

- Press and hold to turn the Rider 35 on or off.
- Press to return to the previous page or cancel an operation.

2 Start / Stop ↵

- In menu mode, press to enter or confirm a selection.
- In free cycling, press to start recording. Press it again to stop recording.

3 Mode / Up ▲

- Press to switch modes: Meter, Find & Go, Altitude Chart, and My Buddy.
- In menu mode, press to move up to scroll through menu options.

4 Lap / Down ▼

- In menu mode, press to move down to scroll through menu options.
- While recording, press to start to record a lap.

Reset the Rider 35

To reset the Rider 35, press and release both ⏻ and ↵ at the same time.

Accessories

The Rider 35 comes with the following accessories:

- USB cable
- Bike mount

Optional items:

- Speed/Cadence sensor
- Heart rate belt
- Power adapter
- Plug(s)

Status Icons

Icon	Description
Bike in used	
1 🚲	Bike 1
2 🚲	Bike 2
GPS Signal Status	
📍x	No signal (not fixed)
📶	Weak signal
📶	Strong signal
Power Status	
🔋	Full battery
🔋	Half battery
🔋	Low battery

Icon	Description
♥	Heart Rate Sensor Active
◉	Cadence Sensor Active
⏱	Speed Sensor Active
Watt	Power Meter Sensor Active
◉	Log Record in Progress
📄	Training mode
◆	Free ride mode
⚐	Navigation mode

NOTE:
- Log Record is displayed only when it is in progress.
- For the three available modes (training, free ride, and navigation), only the active mode icon is displayed on the screen.

Charge the Battery

Warning:
This product contains a lithium-ion battery. See the Warranty and Safety Information guide in the package for important battery safety information.

To charge the battery, connect your Rider 35 to your computer using the USB cable.
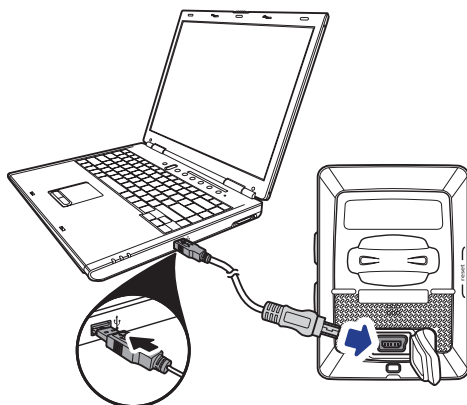
Install the Rider 35

Mount the Rider 35 to the Bike
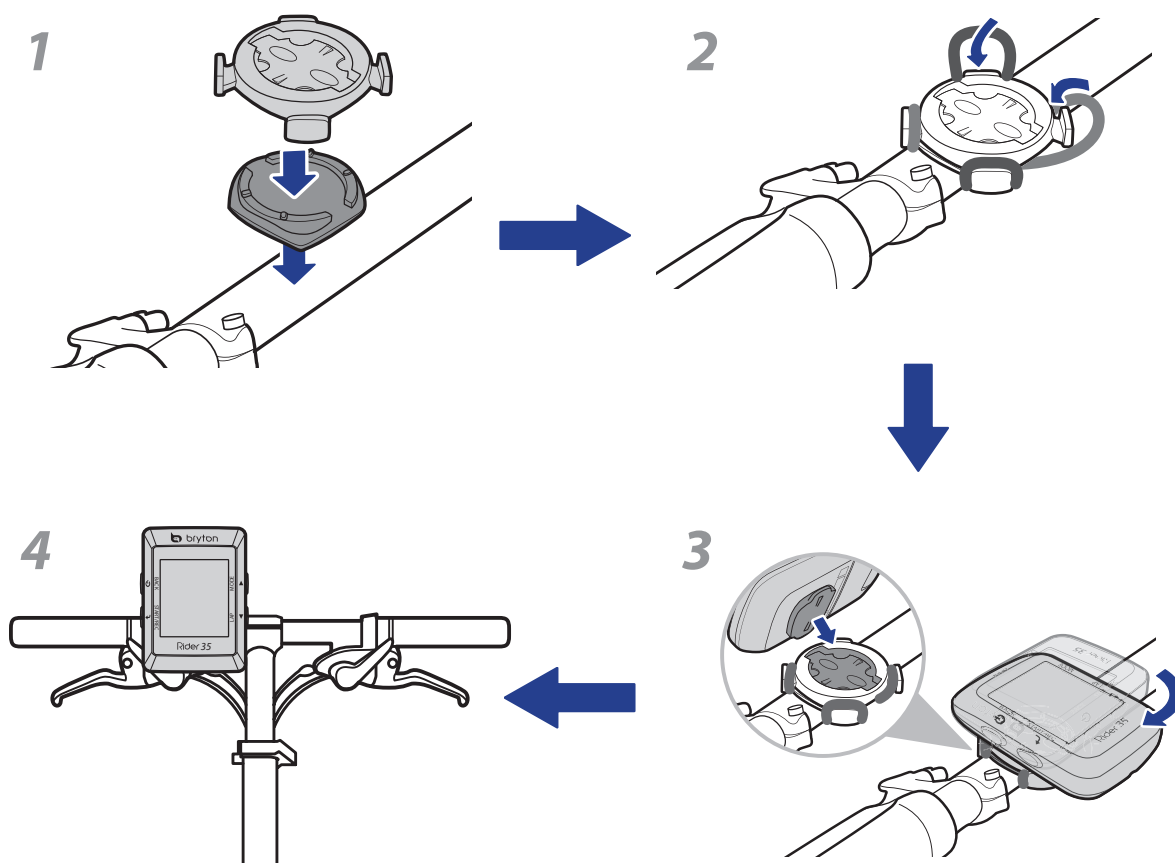
Install the Speed/Cadence Sensor (Optional)

1	**2**	**3**	**4**
5a	**6a**	**7a**	**8a**
5b	**6b**	**7b**	**8b**

7a
Speed
Status: inactive
ID 0
Rescan
Turn on
Rider 35

7b
Cadence
Status: inactive
ID 0
Rescan
Turn on
Rider 35
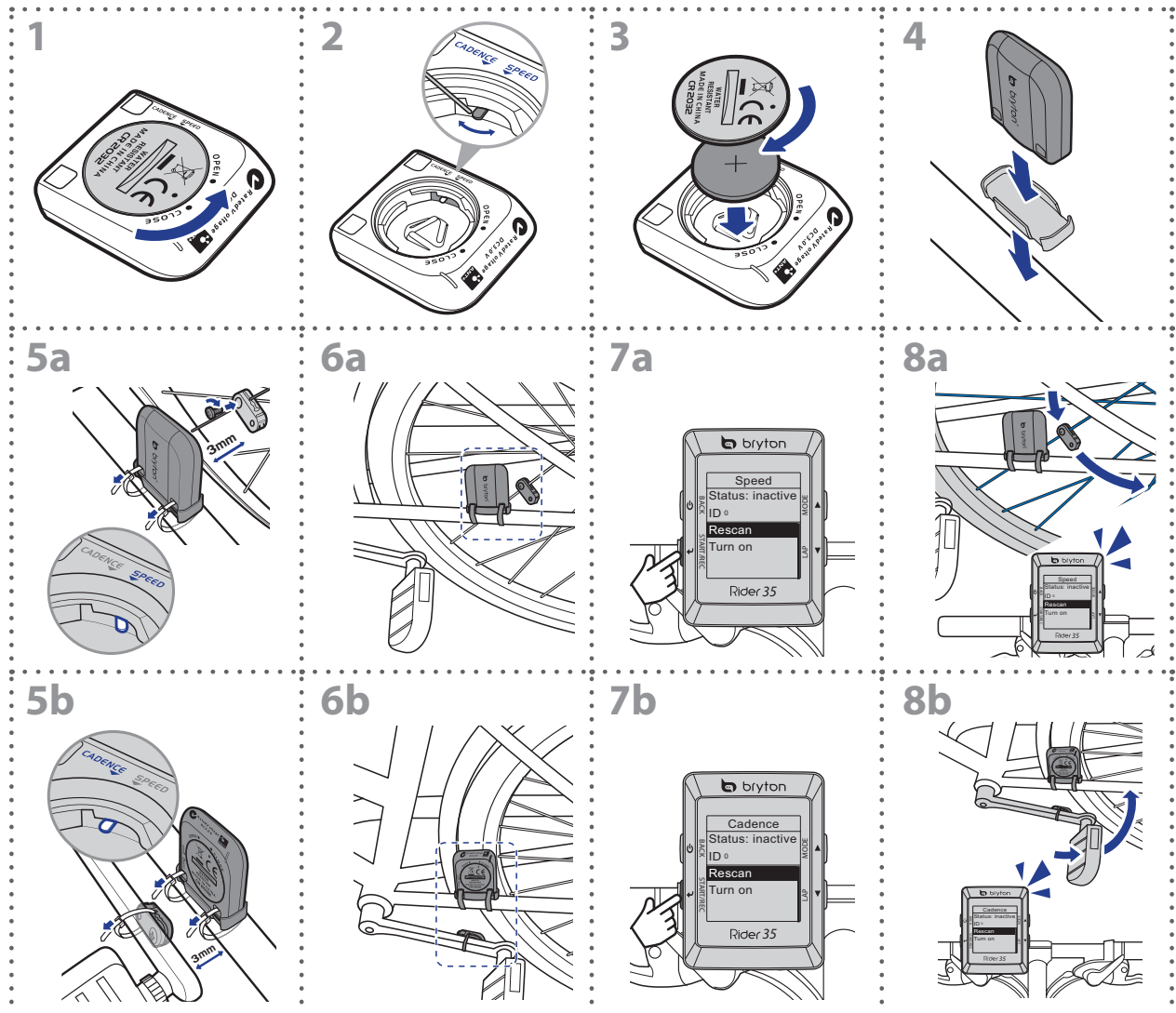
NOTE: To ensure optimum performance, the distance between the sensor and the magnet must be within 3 mm.

Install Heart Rate Belt (Optional)

Clips

Strap

Clip

Battery compartment

Electrodes

1	**2**	**3**	**4**
5		**6**	
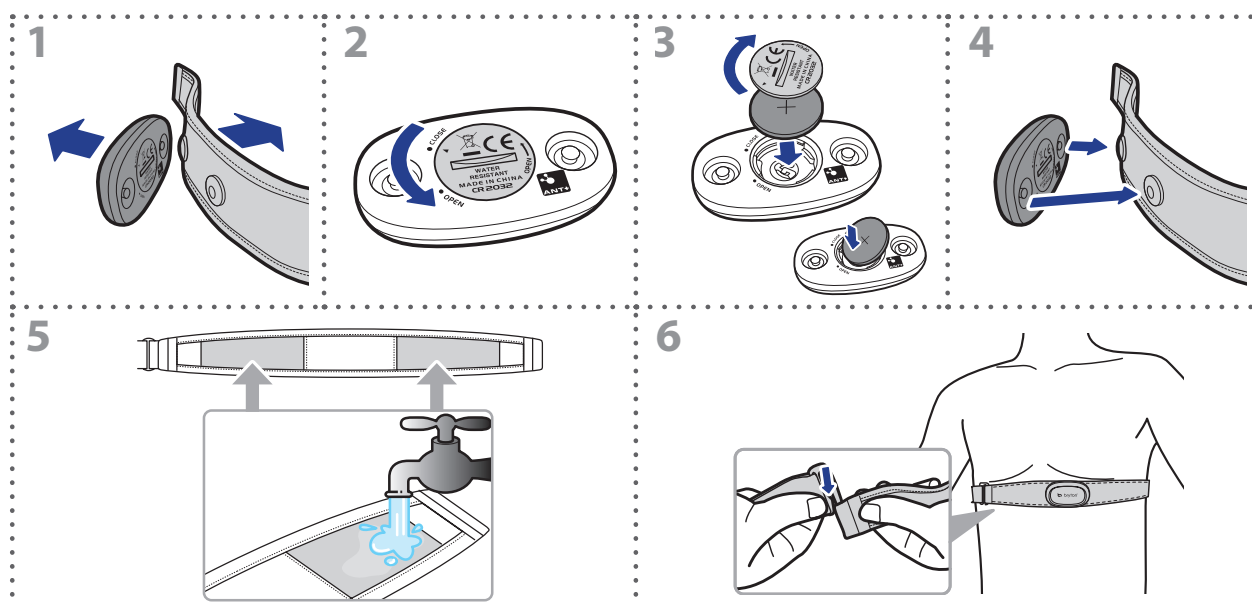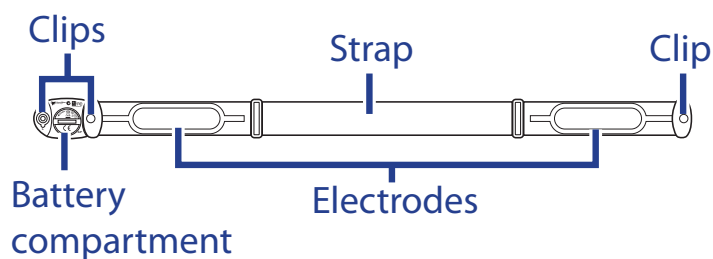
NOTE:

• In cold weather, wear appropriate clothing to keep the heart rate belt warm.
• The belt should be worn directly on your body.

Using the Power Adapter (Optional)

You can use the power adapter to charge the battery.
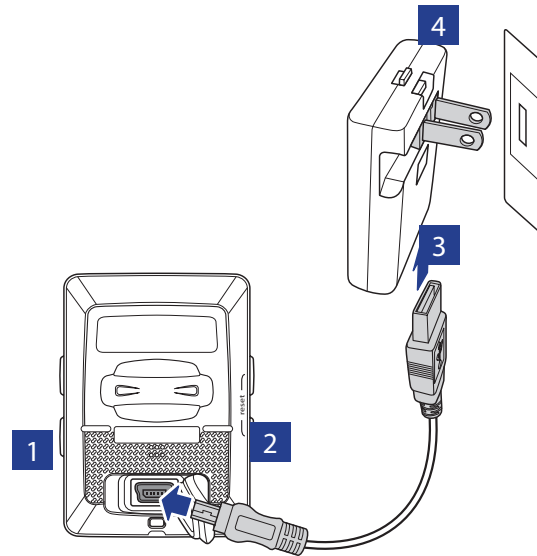
You can puchase different plug head(s) suitable in the country where you purchased the Rider 35.

To use the plug:
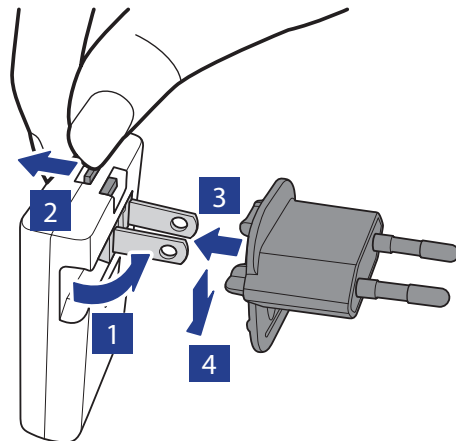
Turn on the Rider 35

Press and hold the Power ⏻ button to turn the Rider 35 on.

Power button ———
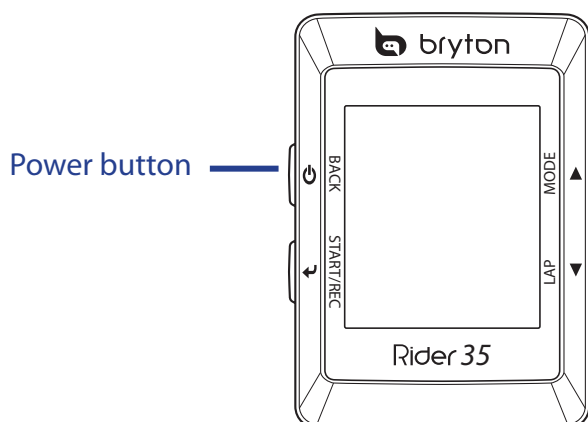
Acquire Satellite Signals

Once the Rider 35 is turned on, it will automatically search for satellite signals. It may take 30 to 60 seconds to acquire signals.

Initial Setup

When turning the Rider 35 on for the first time, the setup wizard appears on screen. Follow the instructions to complete setup.

1. Select the display language and time zone.

2. Select the unit of measurement.

3. Enter your "user profile".

   (It is recommended to input the data. The data accuracy will highly affect your training analysis.)

4. Read and accept the Safety Agreement.

NOTE: If you want to change the language on the device, change the setting via **Bryton Bridge** > **Rider 35** > **Language**.

Ride your Bike with Rider 35!

1. Just ride with free cycling mode or set up a training program through menu options.

2. Toggle ▲ to switch modes.

   Select from the available different modes: Meter, Find & Go, Altitude Chart, and My Buddy.

NOTE: Find & Go, Altitude Chart and My Buddy only appear in Training mode or Find & Go mode (which is in progress).

Speed		
22.5 k m h		
Distance **72** km	Max HR **180** bpm	
Avg CAD **60** rpm	Alt. Gain **828** m	

Waypoint	Distance
↰	**31.2** km
N	2km / 1mi

Avg HR **65** bpm	Max HR **180** bpm
Avg CAD **60** rpm	Max CAD **81** rpm
Warm Up : 1/7	
Duration 🕐 [▮▮▮▯] 00:30	
Target ♥ [70 ▮ 90]	

Alt. Gain **768** m	Avg CAD **60** rpm
50m	1km
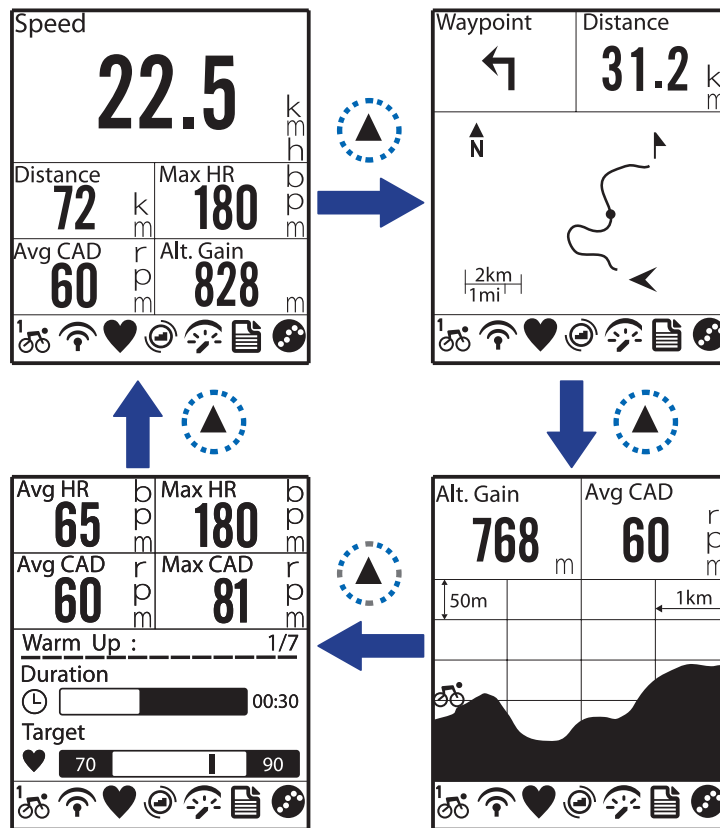
3. In free cycling, press ↵ to start recording log, and press ↵ again to stop recording.

Manage Rider 35 Data via Your Computer

1. Connect your Rider 35 to your computer by using the USB cable.

2. Install the Bryton Bridge application. You can download the application at http://bb.brytonsport.com.

3. Follow the on-screen instructions to transfer data to your computer.

NOTE:
- After unplugging the Rider 35 from the USB, the Rider 35 will reset itself.
- Do not unplug the USB cable during the file transferring process. Otherwise, the files may be damaged or corrupted.

Share Your Experience With Other Bikers

To share your experiences and training results with other bikers around the world, please visit http://brytonsport.com.

Training

Bicycling is one of the best types of exercise for your body. It helps you to burn your calories, lose weight, and increase your overall fitness. With the Rider 35 Training feature, you can set simple/zone based workouts and use the Rider 35 to track your training or workout progress.

Training
To Plan
My Workout

1. In the main screen, press ▲/▼ to select **Training**.
2. Press ↵ to enter the Training menu.

Simple Workouts

You can set simple workouts by entering your time or distance goals, and My Buddy will assist you to achieve them.

The Rider 35 offers you with two types of simple workouts:
- By Time
- By Distance

Time
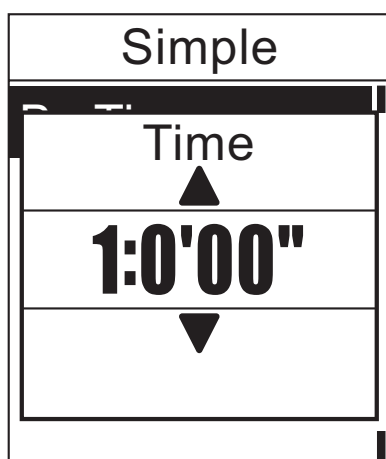
Simple
Time
▲
1:0'00"
▼

1. In the Training menu, press ▲/▼ to select **To Plan > Simple > By Time**.
2. Press ▲/▼ to set your time and press ↵ to confirm.
3. A "Save to My Workout?" message appears on the screen. To save the data, press ▲/▼ to select **Yes** and press ↵ to confirm.
4. Enter the workout name using the on-screen keyboard.
5. Go for a ride.
   Press ↵ to start training and record log.

Distance

Simple
By Time
By Distance
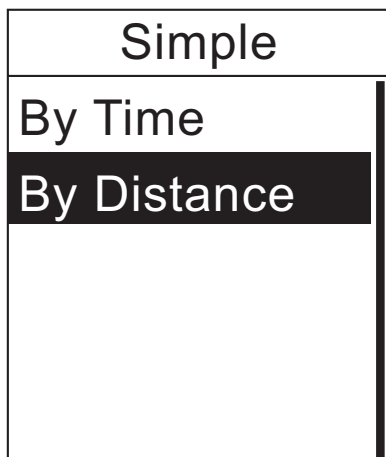
1. In the Training menu, press ▲/▼ to select **To Plan** > **Simple** > **By Distance**.

2. Press ▲/▼ to set your distance and press ↵ to confirm.

3. A "Save to My Workout?" message appears on the screen. To save the data, press ▲/▼ to select **Yes** and press ↵ to confirm.

4. Enter the workout name using the on-screen keyboard.

5. Go for a ride.
   Press ↵ to start training and record log.

Using the On-screen Keyboard

Simple
Name
▲
F
▼

Simple
Name
▲
FIT1   **END**
▽
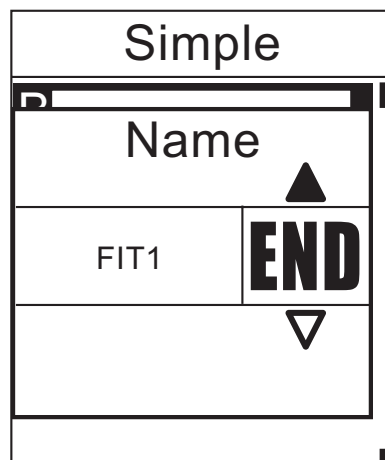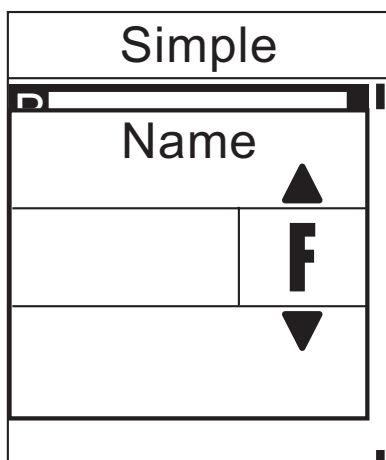
1. Press ▲/▼ to select the input character.

   • Select **DEL** to erase the data.

2. Press ↵ to confirm the selection.

3. When finished, press ▲/▼ to select **END** and press ↵ to confirm or press ⏻ to save.

Basic Workouts

You can create a workouts based on the time and heart rate zone.

```
┌─────────────────────────┐
│         Basic           │
├─────────────────────────┤
│ Time                    │
│               1:0 ' 0"  │
│ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ │
│ Heart Rate              │
│           133~152  bpm  │
│ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ │
│ Continue                │
│                         │
└─────────────────────────┘
```

1. In the Training menu, press ▲/▼ to select **To Plan** > **Basic**.

2. Press ▲/▼ to set your time and press ↵ to confirm.

3. Press ▲/▼ to desired heart rate zone and press ↵ to confirm.

4. When finished, press ▲/▼ to select **Continue** and press ↵ to continue.

5. A "Save to My Workout?" message appears on the screen. To save the data, press ▲/▼ to select **Yes** and press ↵ to confirm.

6. Enter the workout name using the on-screen keyboard.

7. Go for a ride.
   Press ↵ to start training and record log.

Interval Workouts

You can create a workouts based on the preset interval workouts data.

```
┌─────────────────────────┐
│        Interval         │
├─────────────────────────┤
│ Warm up                 │
│              0:15 ' 0"  │
│ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ │
│ Work                    │
│             15.0 km     │
│ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ │
│ Recovery                │
│             0:5 ' 0"    │
└─────────────────────────┘
```

1. In the Training menu, press ▲/▼ to select **To Plan** > **Interval**.

2. View the workout data.

3. Press ▲/▼ to select **Start** and press ↵ to continue.

4. Go for a ride.
   Press ↵ to start training and record log.

Customize Workouts

You can create a customize interval workouts with your Rider 35.

Customize
Warm up
0:15 ' 0"
Work
15.0 km
Recovery
0:5 ' 0"

1. In the Training menu, press ▲/▼ to select **To Plan** > **Customize**.
2. Set the customize workout settings.
3. On the **Repeat time** option, press ▲/▼ to select time interval and press ↵ to confirm.
4. When finished, press ▲/▼ to select **Continue** and press ↵ to continue.
5. A "Save to My Workout?" message appears on the screen. To save the data, press ▲/▼ to select **Yes** and press ↵ to confirm.
6. Enter the workout name using the on-screen keyboard.
7. Go for a ride.
   Press ↵ to start training and record log.

Customize Workouts using Power Meter

Work
Duration
Target
△
Power
▼

Power
Max
160 watt
Min
140 watt
OK
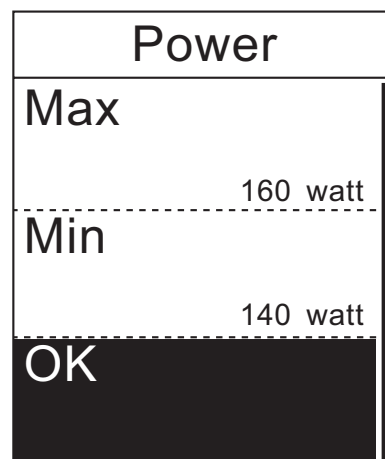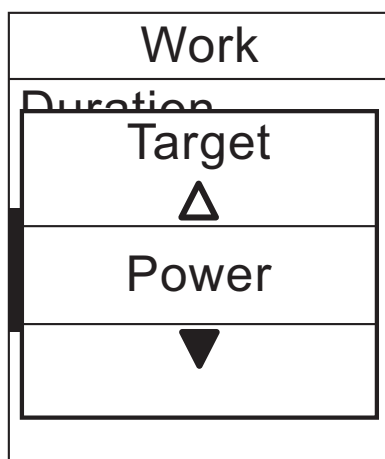
1. In the Training menu, press ▲/▼ to select **To Plan** > **Customize** > **Work** > **Target** > **Power**.
2. To set the Power meter settings, press ▲/▼ to select **Max** or **Min** and press ↵ to confirm.
3. On the **Max** or **Min** option, press ▲/▼ to select power level and press ↵ to confirm.
4. After the Power meter settings are set, press ▲/▼ to select **OK** and press ↵.
5. Press ▲/▼ to select **OK** and press ↵ to continue.

6. When finished, press ▲/▼ to select **Continue** and press ↵ to start the workout.
7. A "Save to My Workout?" message appears on the screen. To save the data, press ▲/▼ to select **Yes** and press ↵ to confirm.
8. Enter the workout name using the on-screen keyboard.
9. Go for a ride.
    Press ↵ to start training and record log.

My Workout

With My Workout feature, you can start your workout using the training plan that you have saved earlier.

```
┌─────────────────────┐
│    My Workout       │
├─────────────────────┤
│ ████████████████    │
│ Start          ██   │
│ ████████████████    │
│                ██   │
│ Time           ██   │
│                ██   │
│         1.0  hr ██  │
│ - - - - - - - - -   │
│                     │
└─────────────────────┘
```
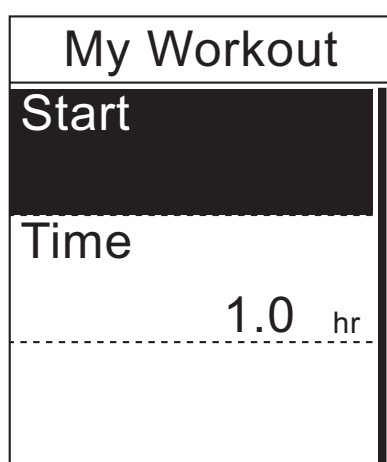
1. In the Training menu, press ▲/▼ to select **My Workout**.
2. Press ▲/▼ to select your desired training plan and press ↵ to confirm.
3. Select **Start** and press ↵ to continue.
4. Go for a ride.
    Press ↵ to start training and record log.

Stop Training

You can stop the current training after you have reached your goal, or you decide to end the current training.

1. Press the ⏻ button.
2. A "Do you want to stop?" message appears on the screen. To stop the current training, press ▲/▼ to select **Yes** and press ↵ to confirm.

Training   17

Find & Go

With the Find & Go feature, you can navigate rides from History, Planned Trip, and My POI list.

Find & Go
History
Planned Trip
My POI

1. In the main screen, press ▲/▼ to select **Find & Go**.

2. Press ↵ to enter the Find & Go menu.

Navigate Rides from History

You can navigate any trip saved in your Rider 35 history.

Waypoint	Distance
↰	**31.2** k m
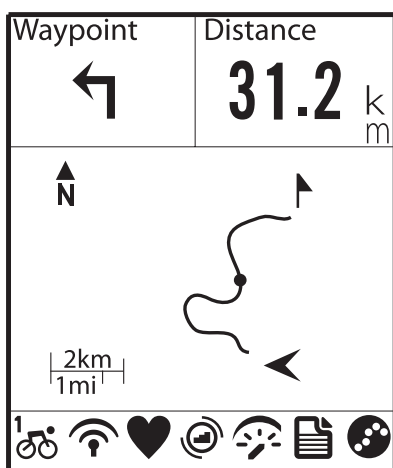
1. In the Find & Go menu, press ▲/▼ to select **History**.

2. Press ▲/▼ to select a ride from the list and press ↵ to confirm.

3. Press ↵ to record log.

   A track appears on the screen, showing you the direction to your destination.

Navigate Rides from Planned Trip

You can navigate a ride uploaded to your Rider 35 from the Bryton Bridge application.

1. Prepare and download your trip via brytonsport.com and Bryton Bridge application.

2. Connect your Rider 35 with the computer using the USB cable.

3. Follow the on-screen instructions to transfer data to your Rider 35.

4. Unplug the USB cable and your Rider 35 will automatically restart.

5. Press ▲/▼ to select **Find & Go > Planned Trip**.

6. Press ▲/▼ to select a ride from the list and press ↵ to confirm.

7. Press ↵ to record log.

My POI

You can navigate any POI saved in My POI.

Find & Go

History

Planned Trip
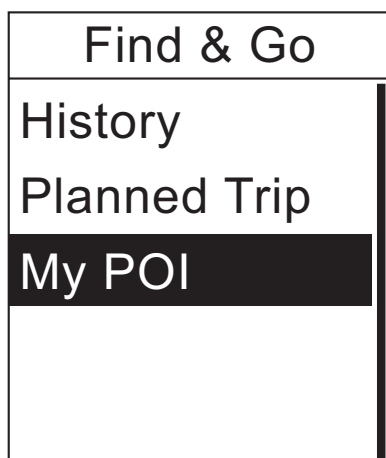
My POI

1. In the Find & Go menu, press ▲/▼ to select **My POI**.

2. Press ▲/▼ to select a place from the list.

3. Press ↵ to start navigating the ride.

Stop Navigating

You can stop the navigation mode at anytime.

| Speed | km | Distance | km |
| HP | | | rpm |

Do you want to stop?

▲ Yes ▼
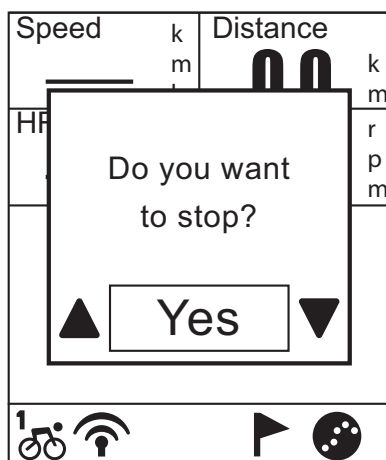
To stop your ride:

1. Press ↵.

   A "Do you want to stop?" message appears on the screen.

2. To stop the current training, press ▲/▼ to select **Yes** and press ↵ to confirm.

Data Recording

The Rider 35 can record points every second of your ride.

• In training mode, press ↵ to start training and recording log. Press ↵ again to stop training and recording log.

• In free cycling or direction mode, press ↵ to start recording log and press it again to stop recording.

Save POI

You can add the current place into My POI list.

```
          Save POI
  ▲


  1 at    25000000
  1 on    121000000



          [ Save ]
```

To add a POI data:

1. In the main screen, press ▲/▼ to select **Save POI**.

2. Press ↵ to save the current POI data.

3. Enter the POI name using the on-screen keyboard.

View History

The Rider 35 automatically saves the history as the timer starts. After you have finished a ride, you can view the history data on the Rider 35.

```
          History

  [ 06/01 15:02 ]


    05/31 13:25


    05/31 13:21
```

To view your history:

1. In the main screen, press ▲/▼ to select **View History**.

2. Press ▲/▼ to select a ride history from the list and press ↵ to view your history.

NOTE: You can also upload your history to brytonsport.com to keep track of all your ride data.

Stopwatch

With the Stopwatch feature, you can measure the amount of time elapsed from the time the Rider 35 is activated and deactivated. You can switch between two modes: Countdown and Timer. Countdown is used to notify you when a set amount of time has passed. Timer is used to measure how long something takes.

Stopwatch
Countdown
Timer
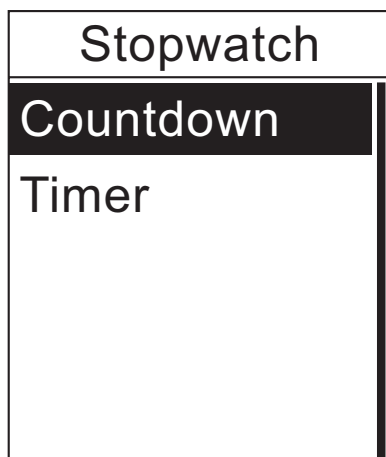
1. In the main screen, press ▲/▼ to select **Stopwatch**.

2. Press ↵ to enter the Stopwatch menu.

Countdown

Countdown
01:00' 00" 00
▲ **Start** ▼

1. In the Stopwatch menu, press ▲/▼ to select **Countdown**.

2. Press ▲/▼ to select the time field that you want to adjust and press ↵.

3. Press ▲/▼ to set your time and press ↵ to confirm.

3. To start the countdown, press ▲/▼ to select **Start** and press ↵ to confirm.

4. To stop the countdown, press ▲/▼ to select **Stop** and press ↵ to confirm.

5. Press ⏻ to exit this menu.

Timer

Timer

00:00' 00" 00

▲ **Start** ▼

Timer

00:00'02"133

00:00'05"286

00:00'09"838
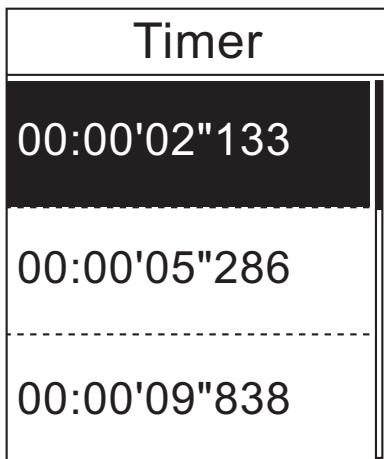
1. In the Stopwatch menu, press ▲/▼ to select **Timer**.

2. To start the timer running, press ↵ to confirm.

3. To record a lap while the watch is running, press ▲/▼ to select **Record** and press ↵ to confirm. It displays the first lap time.
   - Repeat this step to create a new lap.

4. To stop the watch, press ▲/▼ to select **Stop** and press ↵ to confirm.
   - To reset the timer, press ▲/▼ to select **Reset** and press ↵ to confirm.

5. To view the timer history, press ▲/▼ to select **History** and press ↵ to confirm.

Settings

With the Settings feature, you can customize altitude settings, display settings, sensor settings, system settings, bike and user profiles, GPS setup, and view device information.

Settings
Altitude
Display
Sensors
User Profile
Bike Profile
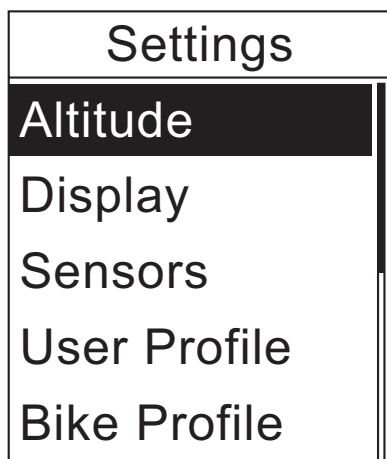
1. In the main screen, press ▲/▼ to select **Settings**.

2. Press ↵ to enter the Settings menu.

Altitude

You can set the altitude setting for the current location and the other 5 locations.

Current Altitude

Altitude
Altitude
Altitude
▲
30
▼
M
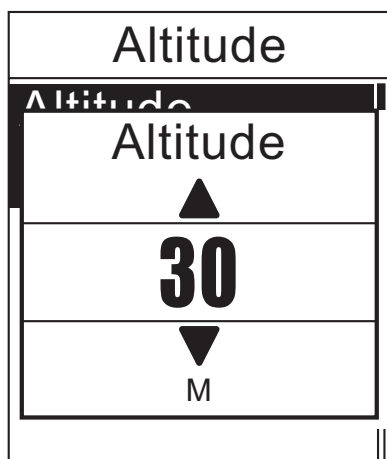
1. In the Settings menu, press ▲/▼ to select **Altitude > Altitude**.

2. Press ↵ to confirm.

3. Press ▲/▼ to adjust the desired altitude and press ↵ to confirm the setting.

4. Press ⏻ to exit this menu.

Other Location Altitude

Location 1
Altitude
50 m
Calibrate
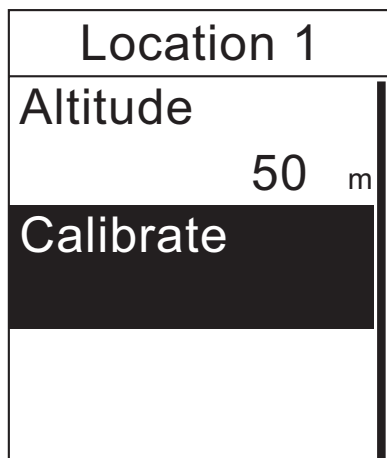
1. In the Settings menu, press ▲/▼ to select **Altitude > Location 1**, **Location 2**, **Location 3**, **Location 4**, or **Location 5**.

2. Press ↵ to confirm.

3. To set the altitude, use ▲/▼ to select **Altitude** and press ↵ to confirm.

4. Press ▲/▼ to adjust the desired altitude and press ↵ to confirm the setting.

5. To calibrate the set altitude, use ▲/▼ to select **Calibrate** and press ↵ to confirm.

6. Press ⏻ to exit this menu.

Display

You can set the display settings for the Meter, Find & Go, My Buddy, and Altitude. You can also set the auto switch settings.

Meter Display

Display

Calories	Altitude
Avg HR	Distance
Heart Rate	Cadence

6-grid display

Display

▲
Temperature
Calories
▽
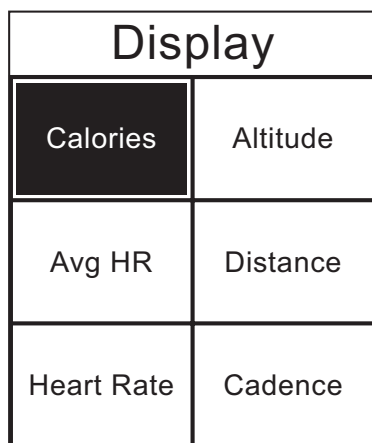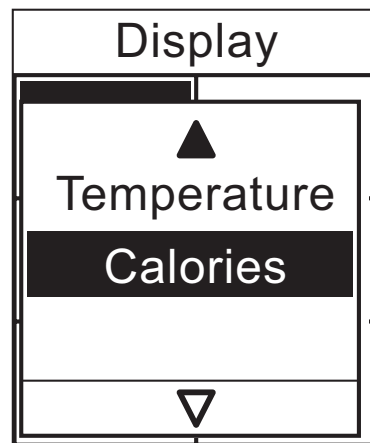
Item selection

1. In the Settings menu, press ▲/▼ to select **Display > Meter > Meter1**, **Meter2**, or **Meter3**.

2. Press ↵ to confirm.

3. Press ▲/▼ to select the number of data fields and press ↵ to confirm.

4. Press ▲/▼ to select the item field that you want to customize, and press ↵ to confirm the selection.

5. Press ▲/▼ to select the desired setting and press ↵ to confirm.

6. Press ⏻ to exit this menu.

NOTE: There are five types of Power meter information that can be displayed on the screen: Power Now (current power), 3s Power (3 seconds average power), 30s Power (30 seconds average power), Max Power (maximum power), and Avg Power (average power).

Find & Go / My Buddy / Altitude Display

Find & Go	
Speed	Dist. To Point
Heart Rate	Cadence

Find & Go (4-grid display)

My Buddy	
Speed	Distance
Heart Rate	Cadence

My Buddy (4-grid display)

Altitude	
Speed	Dist. to Peak
Heart Rate	Cadence

Altitude (4-grid display)

1. In the Settings menu, press ▲/▼ to select **Display > Find & Go**, **My Buddy**, or **Altitude**.

2. Press ↵ to confirm.

3. Press ▲/▼ to select the number of data fields and press ↵ to confirm.

4. Press ▲/▼ to select the item field that you want to customize, and press ↵ to confirm the selection.

5. Press ▲/▼ to select the desired setting and press ↵ to confirm.

6. Press ⏻ to exit this menu.

Auto Switch

Auto Switch	
Auto Switch	
	Off
Interval	
	5 sec

1. In the Settings menu, press ▲/▼ to select **Display > Auto Switch**.

2. Press ↵ to confirm.

3. Press ▲/▼ to select the desired setting and press ↵ to confirm.
   - Auto Switch: enable/disable the auto switch.
   - Interval: set the interval time.

4. Press ⏻ to exit this menu.

Sensors

You can customize the respective sensor settings such as enable/disable the function or rescan the sensor for the Rider 35.

Heart Rate
Status: active
ID 0
Rescan
Turn off

Heart Rate

Speed
Status: inactive
ID 0
Rescan
Turn on

Speed

Cadence
Status: inactive
ID 0
Rescan
Turn on

Cadence

Speed/CAD
Status: inactive
ID 0
Rescan
Turn on

Speed/Cadence

Sensors
Status: active
ID 2408
Rescan
Turn off
Calibration

Power

1. In the Settings menu, press ▲/▼ to select **Sensors** > **Heart Rate**, **Speed**, **Cadence**, **Speed/CAD**, or **Power**.

2. Press ↵ to confirm.

3. Press ▲/▼ to select the desired setting and press ↵ to confirm.
   - Rescan: rescan to detect the sensor.
   - Turn on/Turn off: enable/disable the sensor.
   - Calibration (*only with paired Power meter sensor*): calibrate the Power meter.

4. Press ⏻ to exit this menu.

NOTE: When pairing with the Power meter sensor, select **Rescan** and pedal the wheel to provide power to the Power meter.

Calibrating the Power meter

1. In the Settings menu, press ▲/▼ to select **Sensors** > **Power**.

2. Press ↵ to confirm.

3. Pedal the wheel to provide power to the Power meter.

4. When the wheel stops, press ▲/▼ to select **Calibration** and press ↵ to calibrate the Power meter.

5. Press ↵ to save the setting.

NOTE:
- When the heart rate monitor is paired, the ♥ heart rate icon appears on the main screen.
- While pairing your speed/cadence sensor and heart rate belt, please make sure there is no other cadence/speed sensor within 5 m. When the cadence sensor is paired, the ⌀ cadence sensor icon appears on the main screen.
- When the Power meter sensor is paired, the 🔋Watt power meter icon appears on the main screen.

Personalize User Profile

You can change your personal information.

User Profile
Gender
Male
Age
30
Height
180 cm

1. In the Settings menu, press ▲/▼ to select **User Profile**.
2. Press ↵ to confirm.
3. Press ▲/▼ to select the desired setting and press ↵ to confirm.
   - Gender: select your gender.
   - Age: set your age.
   - Height: set your height.
   - Weight: set your weight.
   - Max HR: set your maximum heart rate.
   - LTHR: set your lactate threshold heart rate.
4. Press ⏻ to exit this menu.

Personalize Bike Profile

You can customize and view your bicycle(s) profile.

Bike 1
Bike Type
City Bike
Weight
0 kg
Wheel
2040 mm

1. In the Settings menu, press ▲/▼ to select **Bike Profile > Bike 1** or **Bike 2**.
2. Press ↵ to confirm.
3. Press ▲/▼ to select the desired setting and press ↵ to confirm.
   - Bike Type: select the bike type.
   - Weight: set the bike weight.
   - Wheel: set the bike wheel size.
   - Activate: select to activate the bike.
4. Press ⏻ to exit this menu.

NOTE: For details on wheel size, see "Wheel Size and Circumference" on page 34.

![bryton logo]

View Bike Profile

```
        Bike 1
┌──────────────────────┐
│ ODO                  │
│                 0  km │
├──────────────────────┤
│ Ride Time            │
│                 0  min│
├ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─┤
│ Alt. Gain            │
│                 0   m │
└──────────────────────┘
```
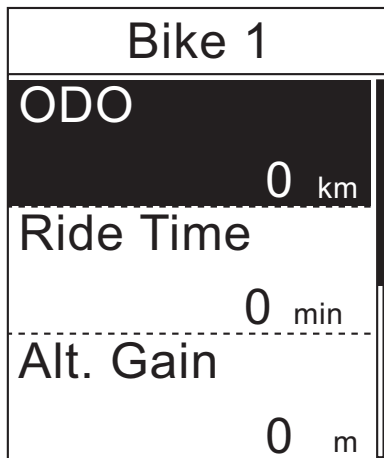
1. In the Settings menu, press ▲/▼ to select **Bike Profile > Overview**.

2. Press ↵ to confirm.

3. Press ▲/▼ to select the desired bike and press ↵ to confirm.

4. Press ▲/▼ to view more data of the selected bike.

5. Press ⏻ to exit this menu.

Change System Settings

You can customize the Rider 35 system settings such as backlight off, alert, time/unit data format, on-screen display language, and data reset.

Backlight Off

```
     Backlight Off
┌──────────────────────┐
│ Auto                 │
│ Never                │
│ 1 min                │
│ 10 min               │
│ 30 min               │
└──────────────────────┘
```

1. In the Settings menu, press ▲/▼ to select **System > Backlight Off**.

2. Press ↵ to confirm.

3. Press ▲/▼ to select the desired setting and press ↵ to confirm.

4. Press ⏻ to exit this menu.

NOTE: Auto depends on the sunrise and sunset time to automatically adjust the backlight off setting.

Alert

Alert
On
Off

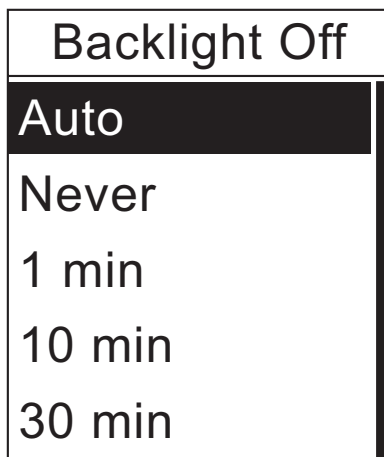1. In the Settings menu, press ▲/▼ to select **System > Alert**.
2. Press ↵ to confirm.
3. Press ▲/▼ to select the desired setting and press ↵ to confirm.
4. Press ⏻ to exit this menu.

Time/Unit

Time Zone
GMT+7:00
GMT+8:00
GMT+9:00
GMT+9:30
GMT+10:00

Time Zone

Daylight Save
+0:00
+1:00

Daylight Save

Date format
mm/dd/yyyy
yyyy/mm/dd
dd/mm/yyyy

Date format

Time format
12hr
24hr

Time Format

Unit
Metric
Imperial

Unit

Settings   29

1. In the Settings menu, press ▲/▼ to select **System > Time/Unit > Time Zone**, **Daylight Save**, **Date format**, **Time format**, or **Unit**.

2. Press ↵ to confirm.

3. Press ▲/▼ to select the desired setting/format and press ↵ to confirm.

4. Press ⏻ to exit this menu.

Language

```
┌─────────────────────┐
│      System         │
├─────────────────────┤
│ Language            │
│          English    │
│ Erase data          │
│ ------------------- │
│                     │
│                     │
└─────────────────────┘
```
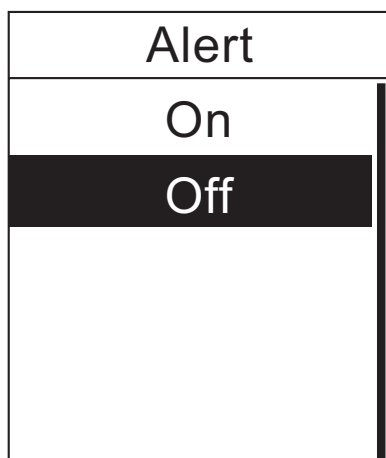
1. In the Settings menu, press ▲/▼ to select **System > Language**.

2. Press ↵ to confirm.

3. Press ▲/▼ to select the desired setting and press ↵ to confirm.
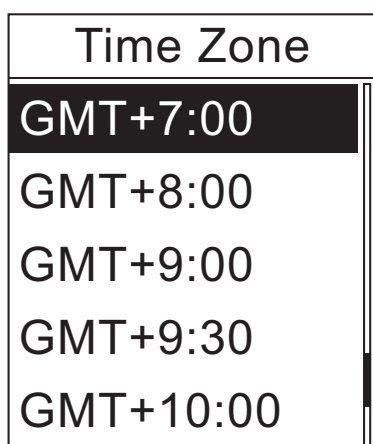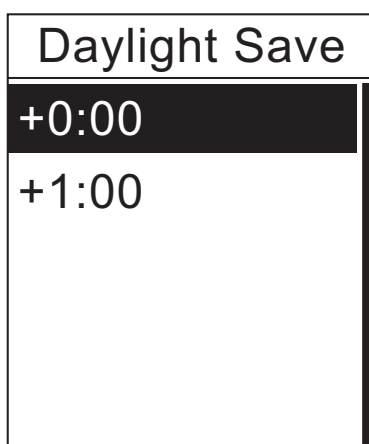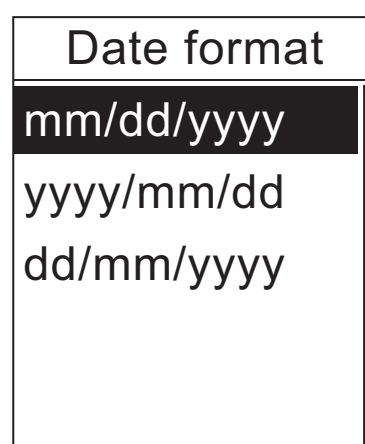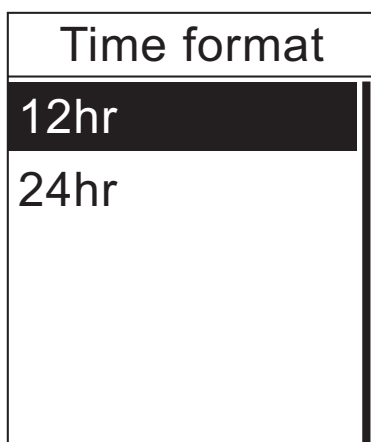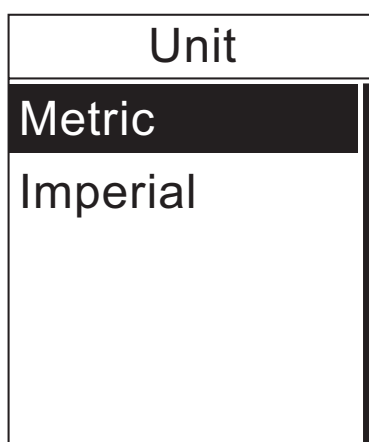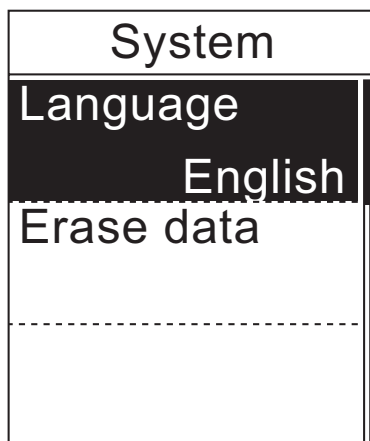
4. Press ⏻ to exit this menu.

NOTE:
- If you want to add or remove the OSD language on your Rider 35, change the setting via **Bryton Bridge** > **Rider 35** > **Language**.
- **Erase data** will delete all the history data and record logs, except the user setting.

Erase Data

```
┌─────────────────────┐
│      System         │
├─────────────────────┤
│ L ┌──────────────┐  │
│   │  Erase data  │  │
│   │  except for  │  │
│ E │ user profile?│  │
│   │ ▲ ┌──────┐ ▼ │  │
│   │   │  No  │    │  │
│   └──────────────┘  │
│                     │
└─────────────────────┘
```
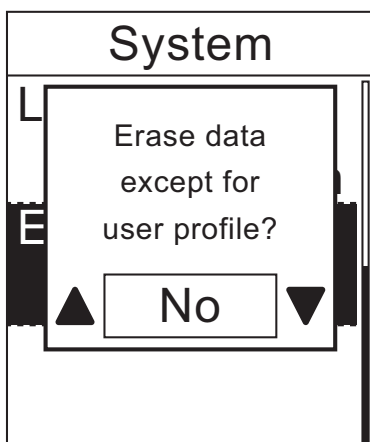
1. In the Settings menu, press ▲/▼ to select **System > Erase data**.

2. A "Erase data except for user profile?" message appears on the screen. To erase all data in the device, press ▲/▼ to select **Yes** and press ↵ to confirm.
   The device will automatically restart.

View GPS Status

You can view the information about the GPS signal the Rider 35 is currently receiving.

```
GPS Status
▲
      121 . 000000
       25 . 000000

  ✗
Not fixed
Full Power
```

1. In the Settings menu, press ▲/▼ to select **GPS Status**.

2. Press ↵ to confirm.

3. To set the signal search mode, press ↵ to confirm.

4. Press ▲/▼ to select the desired setting and press ↵ to confirm.
   - Off: disable the GPS satellites.
   - Full Power: GPS will always be on and the search for satellite signals.
   - PowerSaving: enter the power saving mode, GPS will always be on and the search for satellite signals but the GPS positioning will be less accurate.

View Firmware Version

You can view your Rider 35 current firmware version.

```
About
Version
R041
  © 2010 Bryton Inc. All
Rights Reserved. To be
bundled with specified
hardware. Unauthorized
stand-alone sales is
prohibited.
brytonsport.com
```

1. In the Settings menu, press ▲/▼ to select **About**.

2. Press ↵ to confirm.
   The current firmware version is displayed on the screen.

Appendix

Specifications

Rider 35

Item	Description
Display	1.9" Mono LCD panel
Resolution	128 x 160
Physical size	68.9 x 48 x 21 mm
Weight	55.5 g
Operating temperature	-15°C ~ 50°C
Battery Charge temperature	0°C ~ 40°C
Battery	1200mAh rechargeable Li Battery
Battery life	Max. 35 hours usage
GPS	Integrated high-sensitivity SiRFstar III GPS receiver with embedded patch antenna
RF transceiver	2.4GHz ANT+ transceiver with embedded antenna
Barometer	300 ~ 1100 hPA (+9000 ~ -500 m above the sea level)

Speed/Cadence Sensor

Item	Description
Physical size	37.5 x 35 x 12 mm
Weight	25 g
Water Resistance	1 ATM
Transmission range	3 m
Battery life	1 hour per day for 22 months (660 hours)
Operating temperature	5°C ~ 40°C
Radio frequency/protocol	2.4GHz / Dynastream ANT+ Sport wireless communications protocol

Accuracy may be degraded by poor sensor contact, electrical interference, and receiver distance from the transmitter.

Heart Rate Monitor

Item	Description
Physical size	34.7 x 3.4 x 1.1 cm
Weight	44 g
Water Resistance	10 m
Transmission range	3 m
Battery life	1 hour per day for 16 months (480 hours)
Operating temperature	5°C ~ 40°C
Radio frequency/protocol	2.4GHz / Dynastream ANT+ Sport wireless communications protocol

Accuracy may be degraded by poor sensor contact, electrical interference, and receiver distance from the transmitter.

Battery Information

Heart Rate Monitor and Cadence Sensor Battery

The heart rate monitor/cadence sensor contains a user-replaceable CR2032 battery.

To replace the battery:

1. Locate the circular battery cover on the back of the heart rate monitor/cadence sensor.

2. Use a coin to twist the cover counter-clockwise so the arrow on the cover points to OPEN.

3. Remove the cover and battery. Wait 30 seconds.

4. Insert the new battery, with the positive connector first into the battery chamber.

5. Use a coin to twist the cover clockwise so the arrow on the cover points to CLOSE.
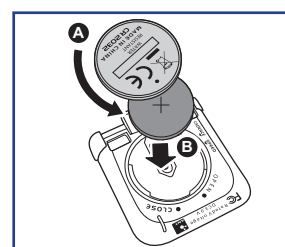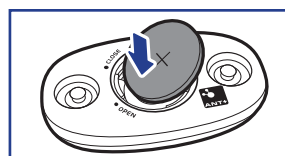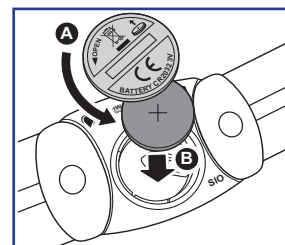
NOTE:
- When installing a new battery, if the battery is not placed with the positive connector first, the positive connector will easily deform and malfunction.
- Be careful not to damage or lose the O-ring gasket on the cover.
- Contact your local waste disposal department to properly dispose of used batteries.

Wheel Size and Circumference

The wheel size is marked on both sides of the tires.

Wheel Size	L (mm)
12 x 1.75	935
14 x 1.5	1020
14 x 1.75	1055
16 x 1.5	1185
16 x 1.75	1195
18 x 1.5	1340
18 x 1.75	1350
20 x 1.75	1515
20 x 1-3/8	1615
22 x 1-3/8	1770
22 x 1-1/2	1785
24 x 1	1753
24 x 3/4 Tubular	1785
24 x 1-1/8	1795
24 x 1-1/4	1905
26 x 2.10	2068
26 x 2.125	2070
26 x 2.35	2083
26 x 3.00	2170
27 x 1	2145
27 x 1-1/8	2155
27 x 1-1/4	2161
27 x 1-3/8	2169
650 x 35A	2090
650 x 38A	2125
650 x 38B	2105
700 x 18C	2070

Wheel Size	L (mm)
24 x 1.75	1890
24 x 2.00	1925
24 x 2.125	1965
26 x 7/8	1920
26 x 1(59)	1913
26 x 1(65)	1952
26 x 1.25	1953
26 x 1-1/8	1970
26 x 1-3/8	2068
26 x 1-1/2	2100
26 x 1.40	2005
26 x 1.50	2010
26 x 1.75	2023
26 x 1.95	2050
26 x 2.00	2055
700 x19C	2080
700 x 20C	2086
700 x 23C	2096
700 x 25C	2105
700 x 28C	2136
700 x 30C	2170
700 x 32C	2155
700C Tubular	2130
700 x 35C	2168
700 x 38C	2180
700 x 40C	2200

Heart Rate Zones

Zone	What it does	% of Heart Rate Reserve
1: Very Light	Great for beginners, those in extremely poor condition and those primarily interested in exercising for weight loss because the body burns a higher blend of fat calories than carbohydrate calories for its fuel.	50-60%
2: Light	Weight management & strengthens your heart, giving it the opportunity to work at its optimum level. Also known as the "aerobic fitness threshold" because from this point forward, your body begins to reap the positive effects of aerobic exercise.	60-70%
3: Moderate	Benefits not only your heart but also your respitory system. Increases your endurance and enhances your aerobic power, which is the ability to transport oxygen to and keep carbon dioxide away from sport-specific muscles. Increases your MET (Metabolic Equivalent) output.	70-80%
4: Hard	High performance training benefits. Increases your body's ability to metabolize lactic acid, allowing you to train harder before crossing over into the pain of lactate accumulation and oxygen debt.	80-90%
5: Max	Only extremely fit athletes work at this zone on a limited frequency and duration. Operating in oxygen debt to train metabolic pathways of fast twitch muscle fibers, not enduring pathways or enzymes.	90-100%

Basic Care For Your Rider 35

Taking good care of your Rider 35 will reduce the risk of damage to your Rider 35.

- Do not drop your Rider 35 or subject it to severe shock.
- Do not expose your Rider 35 to extreme temperatures and excessive moisture.
- The screen surface can easily be scratched. Use the non-adhesive generic screen protectors to help protect the screen from minor scratches.
- Use diluted neutral detergent on a soft cloth to clean your Rider 35.
- Do not attempt to disassemble, repair, or make any modifications to your Rider 35. Any attempt to do so will make the warranty invalid.