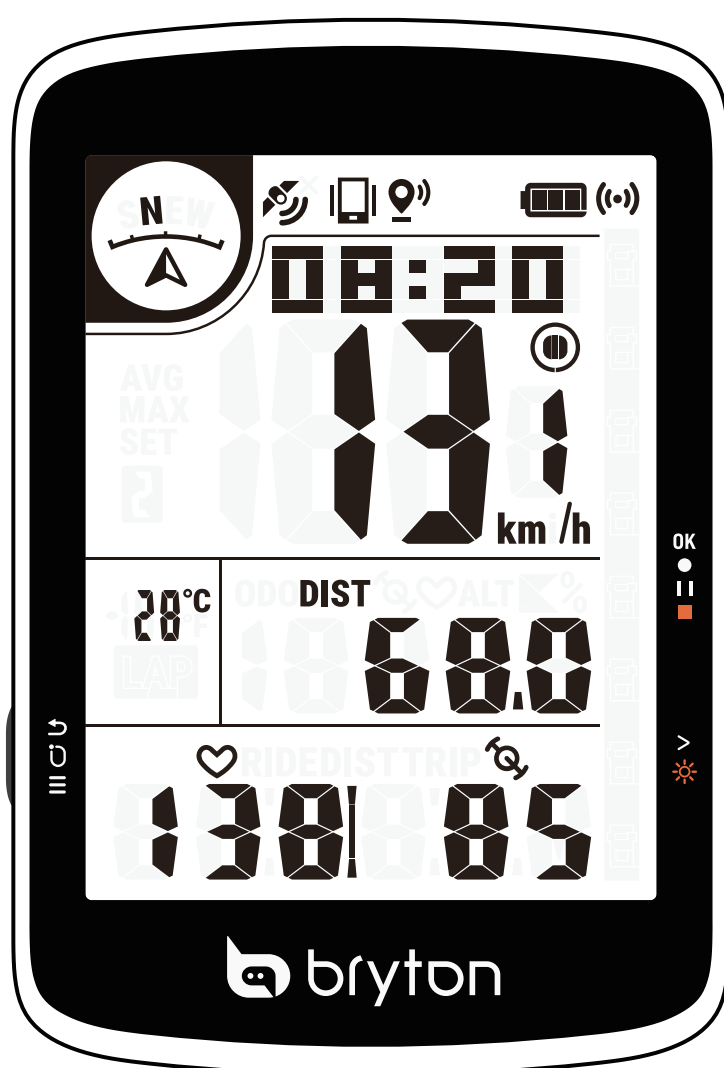




# USER MANUAL



Rider 17

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# WARNING

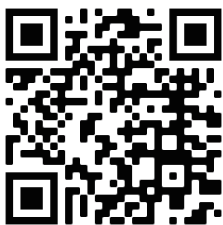
Always consult your physician before you begin any training. Please read the details in Warranty and Safety information guide in the package.

## Australian Consumer Law

Our goods come with guarantees that can not be excluded under the New Zealand and Australian Consumer Laws. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

## Video Tutorial

For a step-by-step demonstration of device and Bryton Active app, please scan the QR code below to check out Bryton Tutorial Videos.



<http://www.youtube.com/c/BrytonActive>

# Getting Started

This section will guide you through basic preparations before the first use with your Rider 17.

## Initial Setup

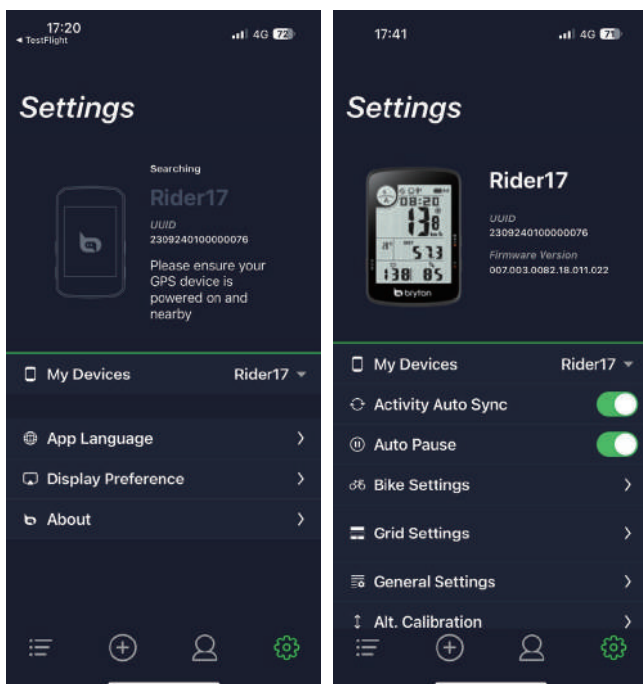
1. Download Bryton Active app on your phone.



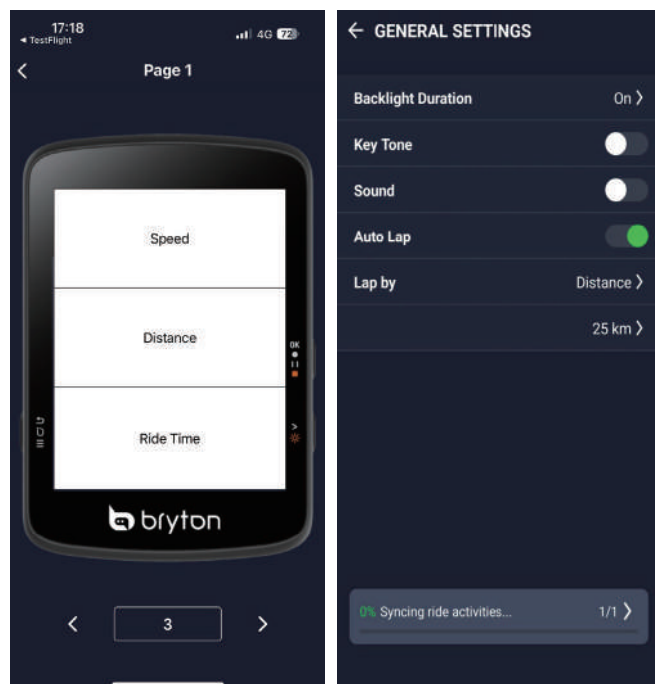
2. Turn on your Rider 17.



3. After logging into the app, add the Rider 17 to your account.



4. Set up your profile, preference settings, and data page grid via the app before your first ride.



# Rider 17 Keyfunction

## A. Power / Return/ Lap / Menu ( ):

Press to power on.

Press to enter menu in the meter page.

Press to mark a lap while recording.

When pausing or not recording, long press to shut down.

Press to cancel / return in menu.

## B. OK / Start / Pause / Stop recording ( ):

Press to record in the meter page.

Press to pause manually while recording.

Long press to end and save(automatically) the activity.

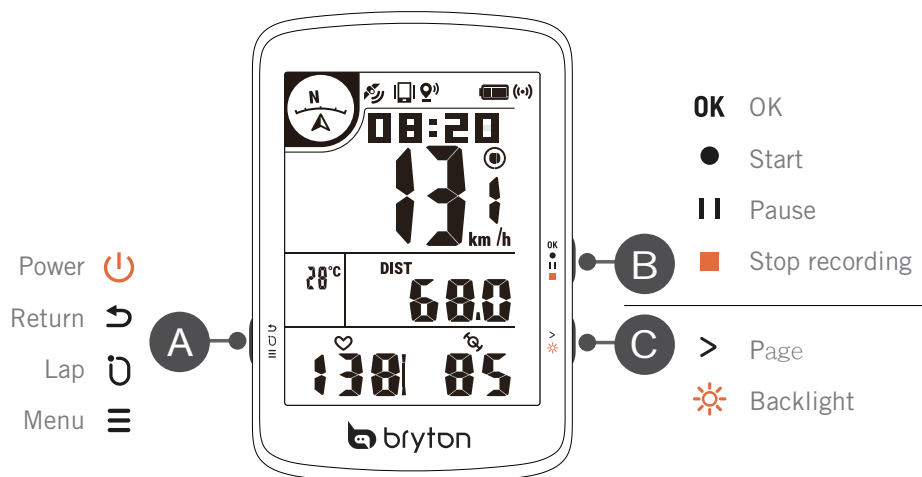
Press to confirm the option / Ok in the menu.

## C. Page / Backlight ( ):

Press to switch to next page in the meter page.

Press to scroll down the selection in the menu.

Long press to turn on/off backlight.



# Reboot Rider

Press (     /     /   ) at the same time to reboot the device.

# Accessories

The Rider 17 E SKU includes the following accessories:

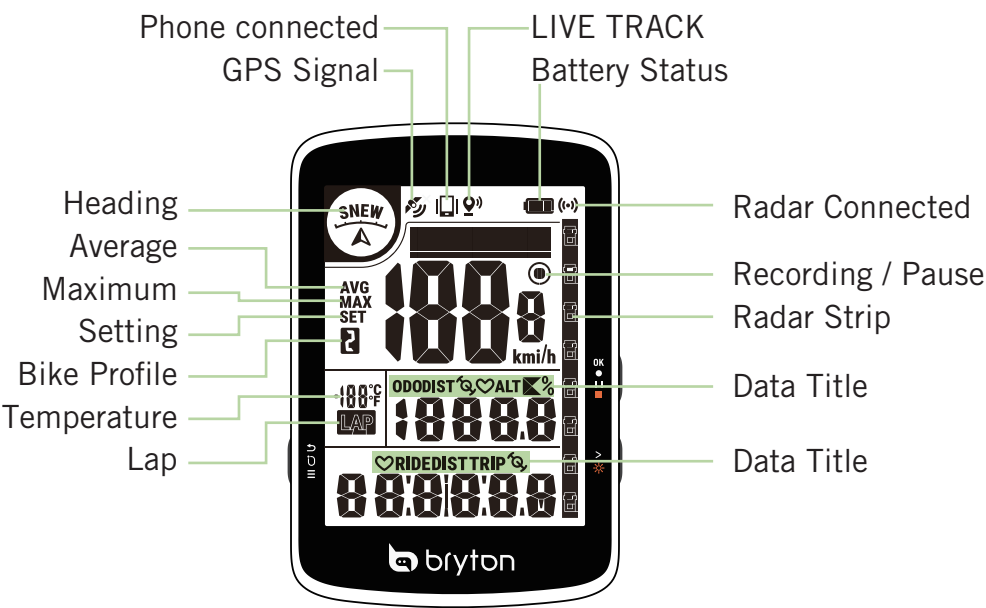
Bike Mount



Safety Landyard



# Status Icons



	Weak GPS Signal		Strong GPS Signal		No Signal		Heading
	Phone Connected		LiveTrack Activated		Battery		Radar
	Bike 2		Recording		Pause		Lap Summary
	Elevation Gain		Elevation Loss		Gradient		Lap Page
	Heart Rate		Cadence		Setting		Distance
	Average		Maximum		Odometer		Trip Time

# Heading Description

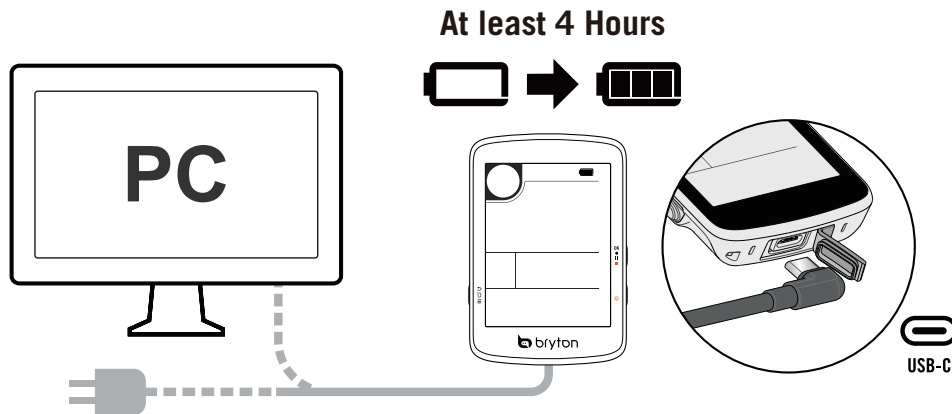
The illuminated English letters represent the direction ahead.

S-south  
N-North  
E-East  
W-West





## Step 1: Charge your Rider 17


Charge the Rider 17 for at least 4 hours. Unplug the device when it is fully charged. When the battery is low, you will see the battery frame flashing. Keep the device plugged in until properly charged. The temperature suitable for charging battery is 0°C ~ 40°C. Beyond this temperature range, charging will be terminated and the device will draw power from battery.



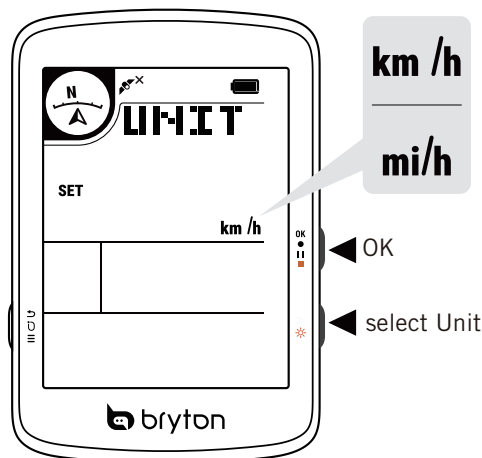
## Step 2: Turn On Rider 17

Press   to turn on the device.

## Step 3. Select Unit

Press  to select Unit .

Press    to confirm.








## Step 4: Acquire Satellite Signals

Once the Rider 17 is turned on, it will automatically search for satellite signals. It may take 30 to 60 seconds to acquire signals for first time use.

- The GPS signal Icon (  /  ) appears when GPS is fixed.
- If GPS signal is not fixed, a  icon appears on the screen.

Please avoid obstructed environments since they might affect GPS reception.

				
Tunnels	Inside rooms, building, or underground	Under water	High-voltage wires or television towers	Construction sites and heavy traffic

## Step 5: Ride with Rider 17

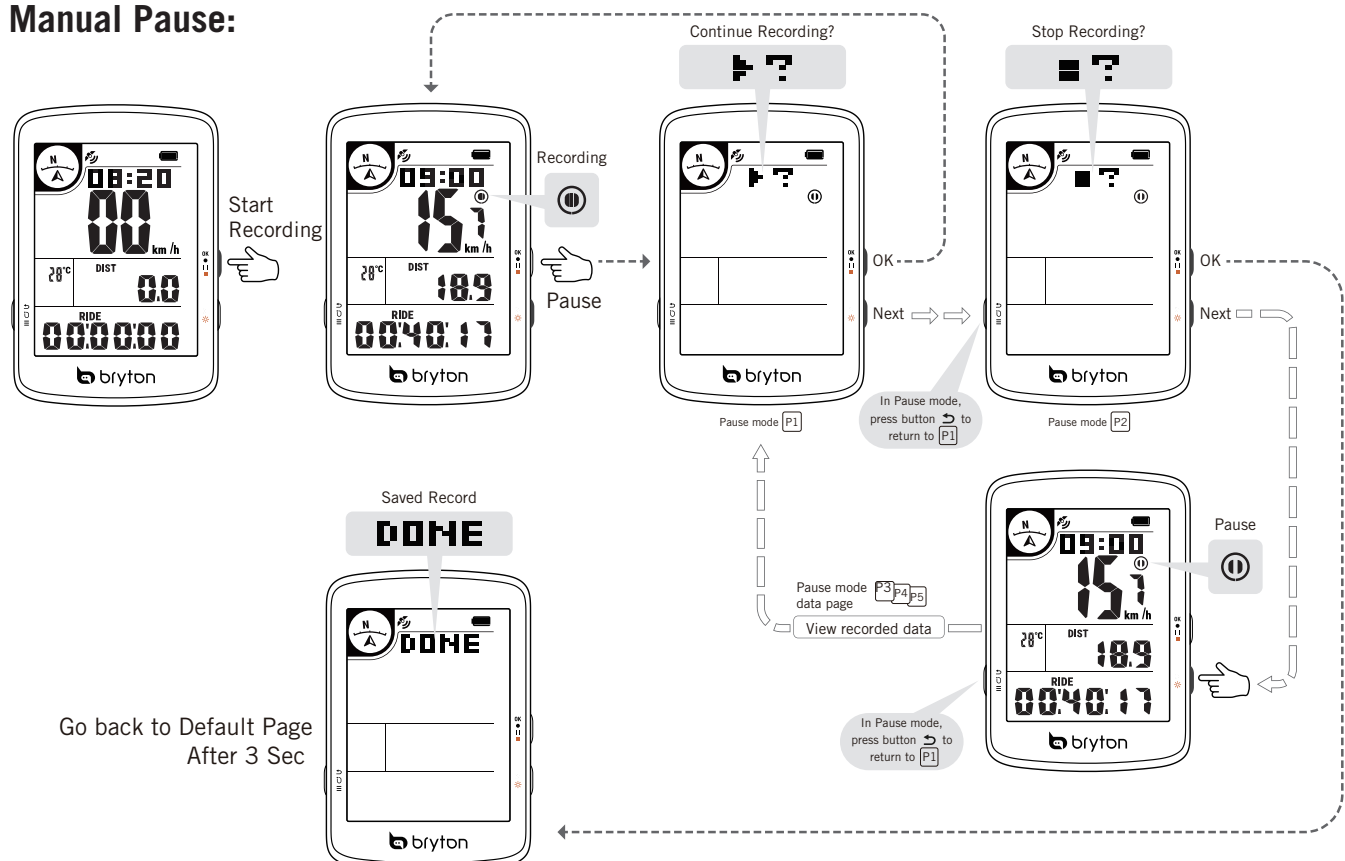
Start riding and recording your ride:

Press **OK** ● || ■ to start recording.

Press **OK ● || ■** to pause recording while recording.

To see if you're recording, check if the Record and Pause icon show in recording mode.

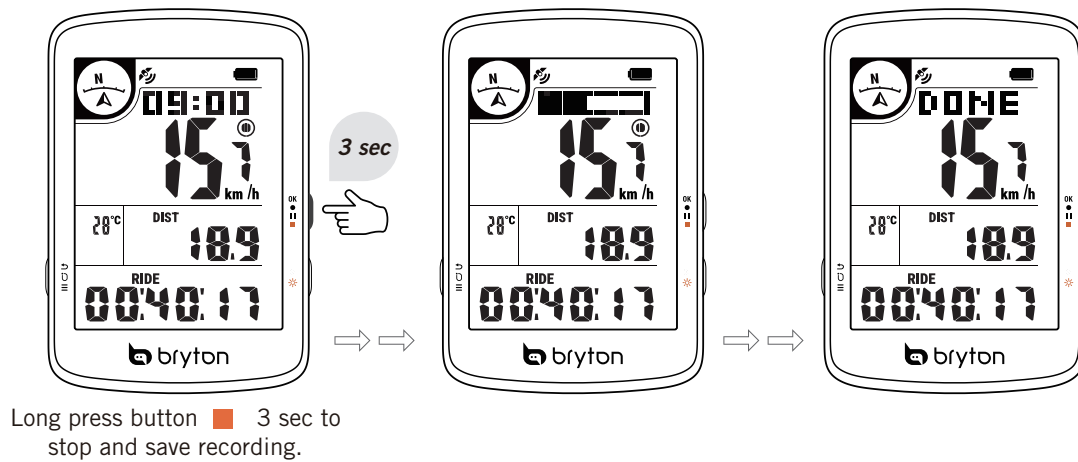
## Manual Pause:





## Stop recording:

Long press **OK** ● || ■ 3 sec to stop and save recording.



## Step 6: Share Your Records

### Auto Sync with 3rd Party Platforms

It is easy to sync activities from the Bryton Active App to Komoot / Strava / RideWithGPS / Relive / TrainingPeaks by pairing accounts on your phone.

Enable auto sync on your phone

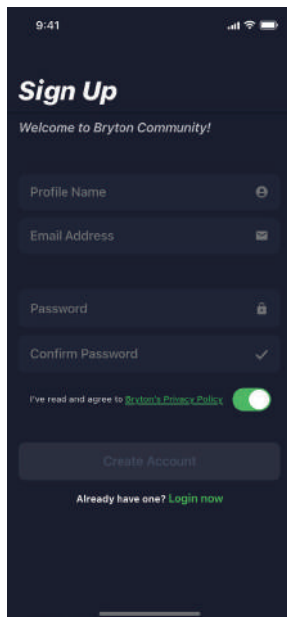
- Open the Bryton Active App and click on the “Profile” tab.
- Select “3rd Party Account Link”.
- Select a 3rd party platform such as “Strava”, and enable auto sync.
- You will be prompted to login to your account. Input your login information to proceed or choose “Create Account”. After logging in, select “Allow” or “Authorize”.

# Auto Sync Tracks to Bryton Active App

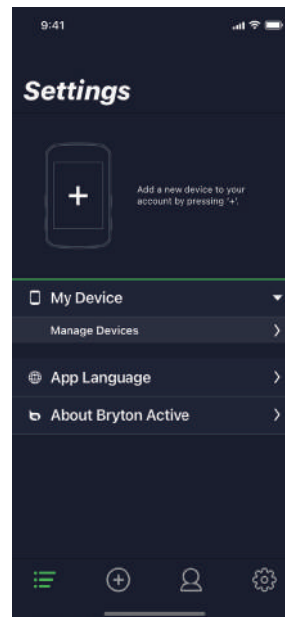
No more uploading tracks manually after riding. Bryton Active App automatically syncs your track after pairing with your Rider 17.

## Sync via BLE

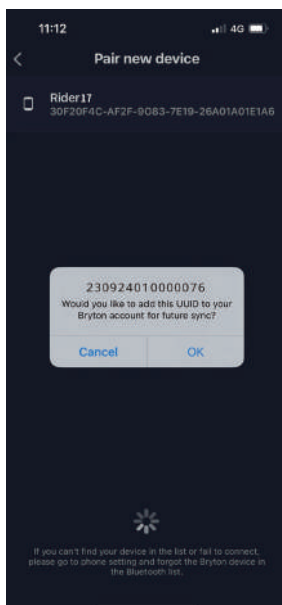
a. Scan QR code below to download Bryton Active App or go to Google Play / App Store to search Bryton Active App. Then, log in or create an account.



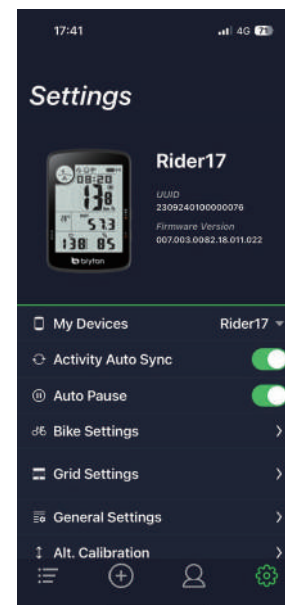
b-1. Go to Settings > My Device > Device Manager > + > Rider 17 to add your GPS device.



b-2. Check if the UUID shown on app is the same as your device. Select "OK" to confirm adding this device. If the UUID does not match, press Cancel and try again.



c. Successfully added! Turn on Activity Auto Sync. Now new tracks will be automatically uploaded to Bryton Active App.

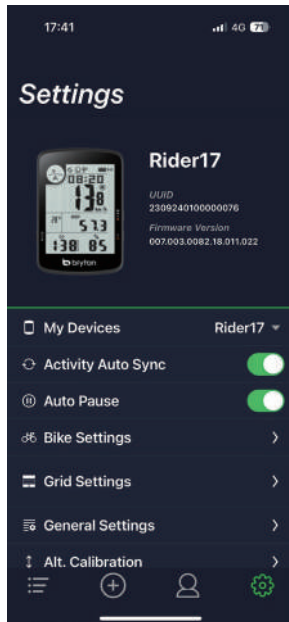


**NOTE:** Bryton Active App syncs with Brytonactive.com. If you already have a brytonactive.com account, please use the same account to log in to Bryton Active App and vice versa.

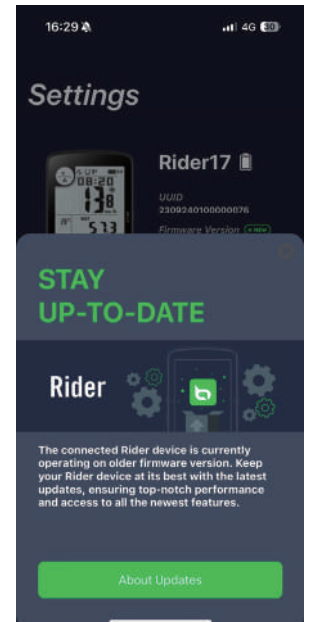
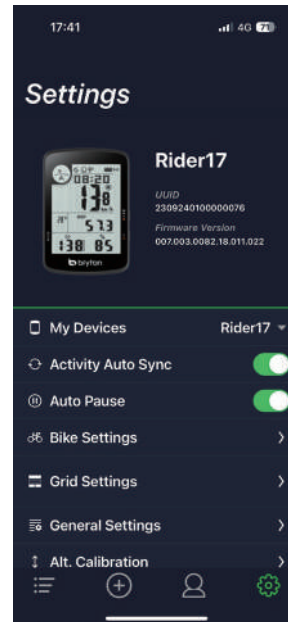
# Firmware Update via Active app

Bryton releases a new firmware version on an irregular basis to add new functions or fix bugs. We highly recommend that you update the firmware once the latest version is available. It usually takes a while to download and install the firmware. You can choose to update the firmware via Bluetooth

a. Connect the Rider 17 to your phone via Bluetooth.

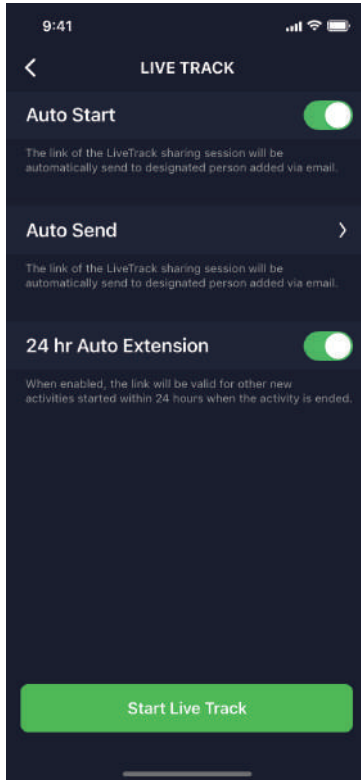


b. Select Firmware Update to start updating the firmware. When new firmware is available and the Rider 17 is connected, an update message will pop up automatically.



# LIVE TRACK

Share your real-time location with friends and family using the Live Track feature. Before using, please ensure that Rider 17 is already recording a ride by pressing the record button and then opening the Bryton Active app on our smartphone. This feature will not work if the device is not recording.



## Activate LIVE TRACK

Select **Course** on the Bryton Active app.

Select **LIVE TRACK**.

Toggle the Share Location status or press the **Start Live Track** button.

Note: Once LIVE TRACK is successfully activated, you can find the LIVE TRACK icon appears on the top of Rider 17.

## Auto Send LIVE TRACK Link

Select Auto Send and toggle the activation status.

Fill out the email address on the column of the Share the activity with and you can type in a custom message.

Hit **+** sign to confirm adding the email.

## Manually Share LIVE TRACK Link

Press **↑** the icon in the bottom left-hand corner.

Select the contact you would like to share with.

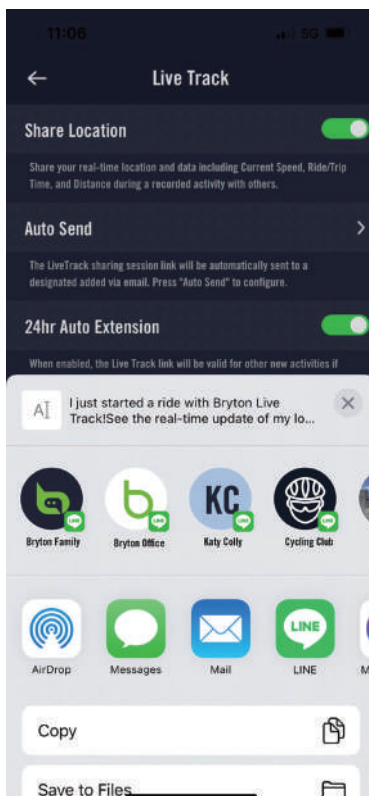
## 24-Hour Auto Extension

When you enable this option, the LIVE TRACK link will remain valid for another 24 hours after the ride has ended. With this link, anyone you share with can still view your last or ongoing activity.

If you start a new ride within this 24-hour window, the link will display the new ride instead of the old one. This is useful when embarking on a multi-day bike trip or when sharing your daily commute, making it more convenient for family or friends to use the same link to track your progress.

## End LIVE TRACK

When you end your ride, the live track icon will disappear from the screen, indicating that your ride is no longer being tracked. You can also end the live track from the Bryton active app by pressing the End Live Track button in the bottom.









# Settings

When not recording, press    to enter the settings.

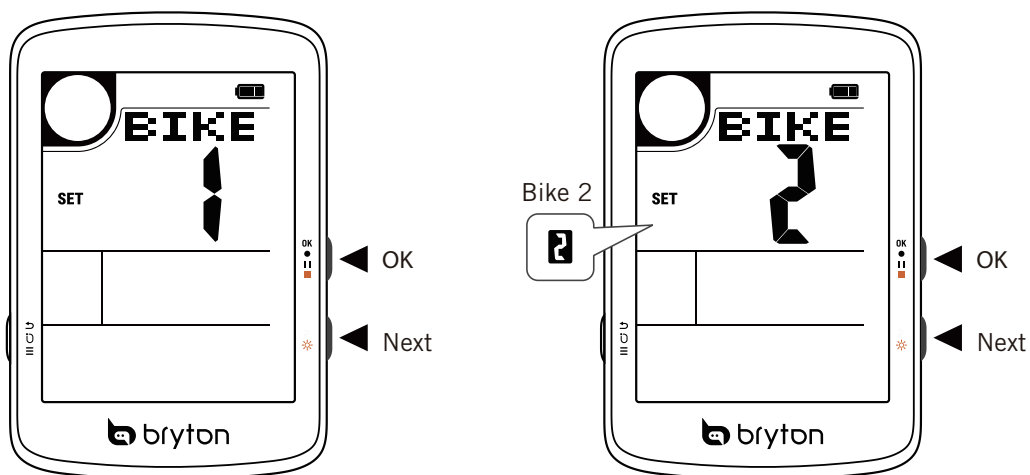
## 1. Select Bike Profile

You can customize 2 bike profiles.

Press   to Select Bike1 or 2 and Press     to confirm.



Once the profile is set up, bike information will be stored.

Make the ride easier.



## 2. Calibrate Altitude

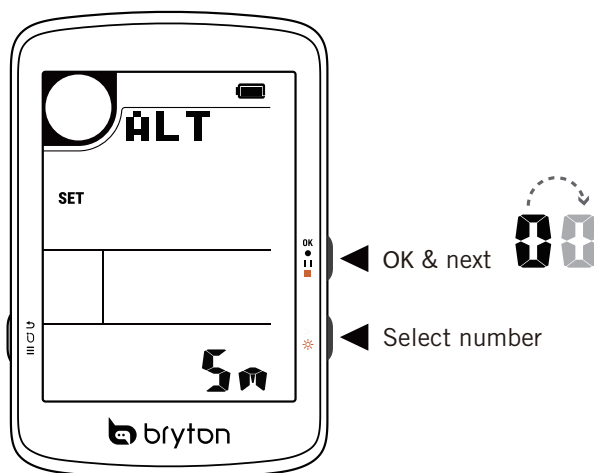
You can calibrate altitude for current location.

Press   to adjust the value and Press     to adjust next value.

Press     to confirm.

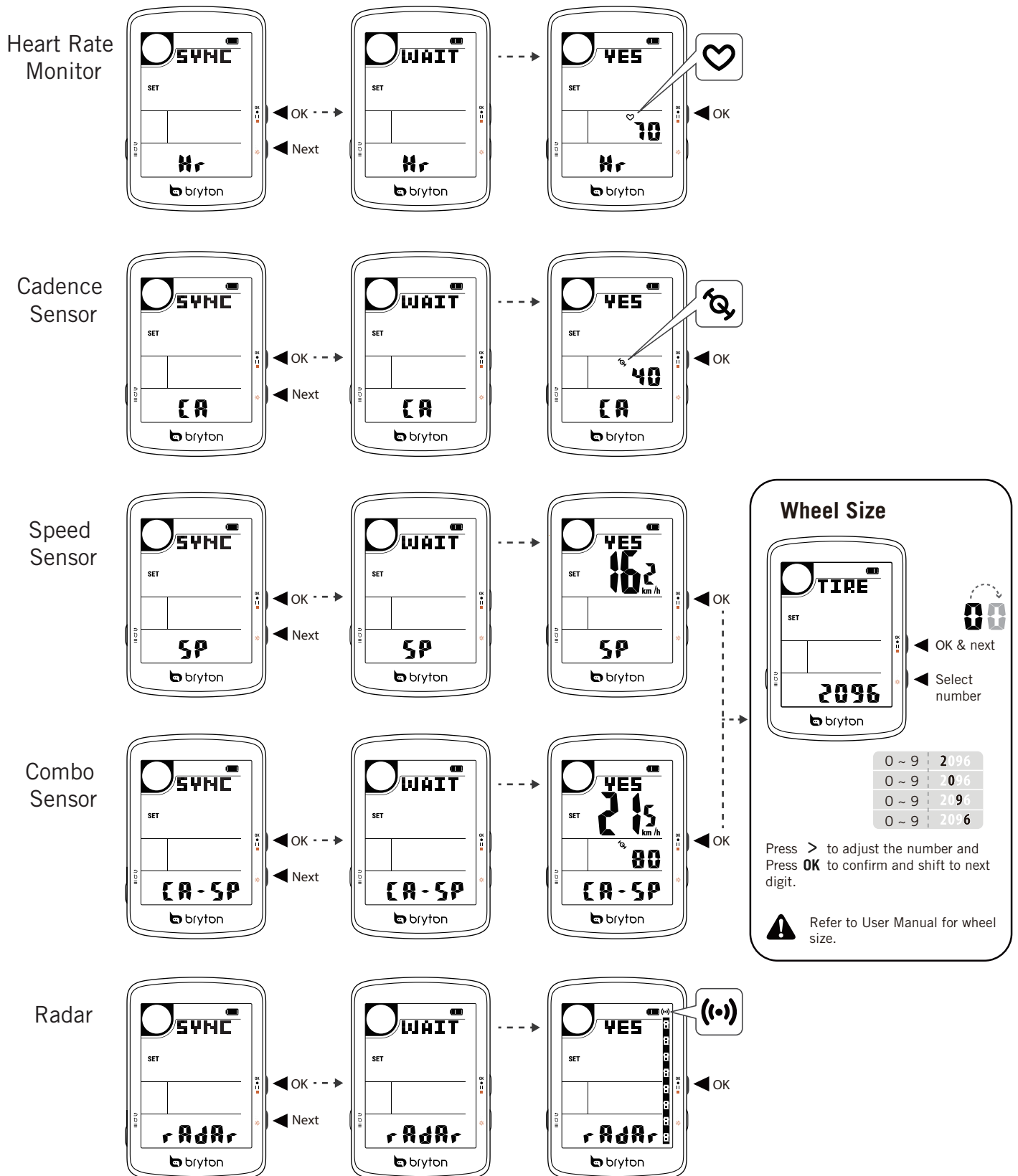
The value in the meter mode will change once you set up the Altitude.

The first value can be set as "-" or "0".



### 3.Pair Sensors

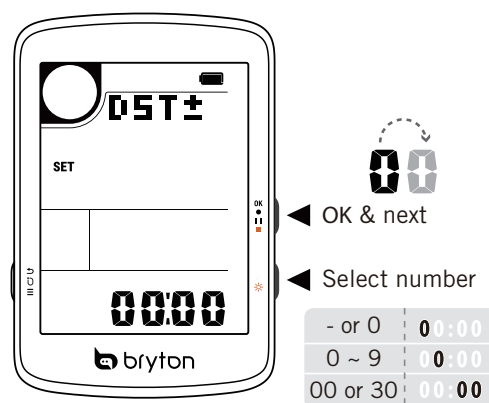
To pair sensors with Rider 17, please have Bryton Smart Sensors installed first, and then wear heart rate monitor or rotate crank and wheel a few times to wake Bryton Smart Sensors up while scanning.



\*\* Please turn on Gardia first then scan.

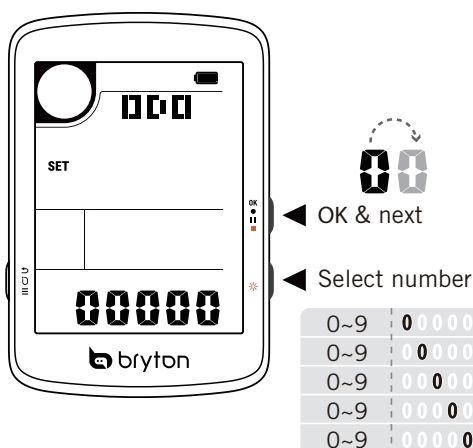
## 4.Daylight Saving Time

Press **>☀** to adjust the value and  
 Press **OK●||■** to adjust next value.  
 Press **OK●||■** to confirm.  
 The first value can be set as “-” or “0”.  
 The last 2 values can only be set as  
 “30” or “00”.



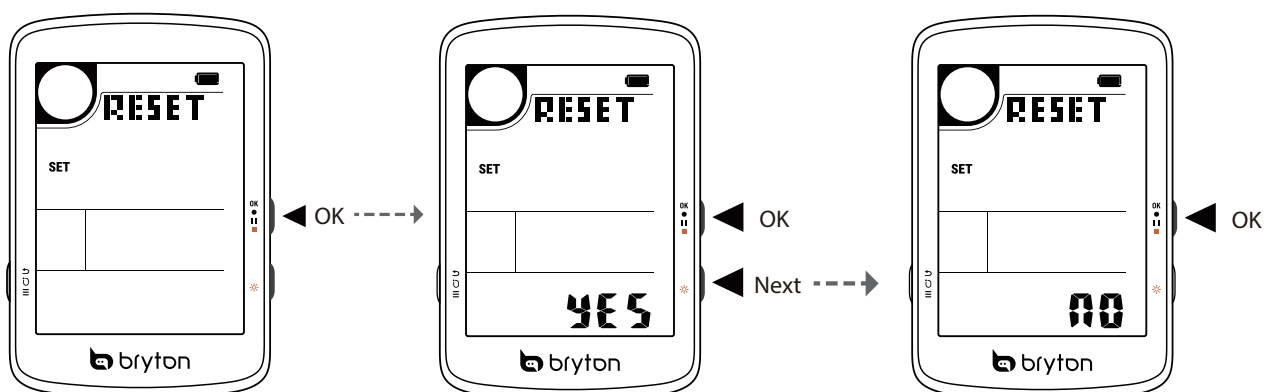
## 5.ODO

You can adjust total mileage on the odometer setting.  
 Press **>☀** to adjust the value and  
 Press **OK●||■** to adjust next value.  
 Press **OK●||■** to confirm.

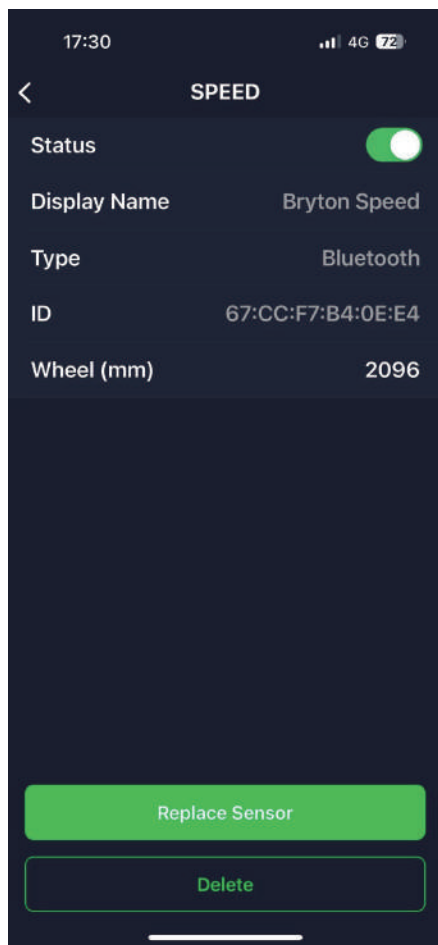


## 6.Factory Reset

You can reset your device to factory settings.  
 Press **>☀** to select yes or no.



# Manage Sensors via Bryton Active App



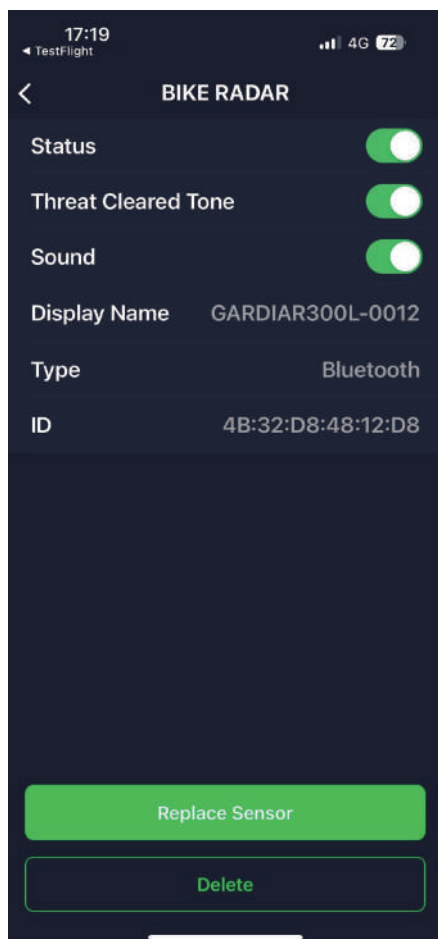
1. Select Settings on the home page.
2. Select Bike Settings > Sensors
3. Select Sensors type.

## Add New Sensors

1. Select Add SENSORS to add new sensors.
2. To pair sensors with your device, please have Bryton Smart Sensors installed first, then wear a heart rate monitor or rotate the crank and wheel a few times to wake Bryton Smart Sensors up.
3. For Bike Radars ,please turn the power on before starting pairing.
4. Let the device detect sensors automatically or enter a sensor ID manually.
5. Pick a detected sensor you would like to pair with then select OK to save.

## Manage Sensors

1. Select the sensor you would like to edit.
2. Turn on or off the status to activate or deactivate the sensor.
3. Remove the sensor by pressing Delete.
4. If you want to switch same type sensors, press replace sensors to replace.



## Manage Bike Radar

1. Turn on or off the status to activate or deactivate bike radar.
2. To enable alert tones, toggle the button to enable Sound
4. To enable the clear tone, toggle the button to enable Threat Cleared Tone.
3. Remove the sensor by pressing Delete.
4. If you want to switch same type sensors, press replace sensors to replace.



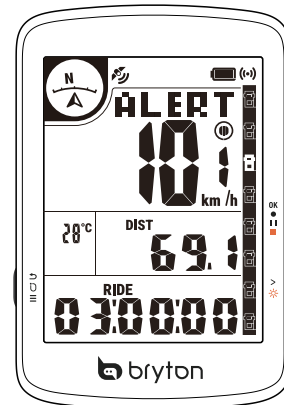
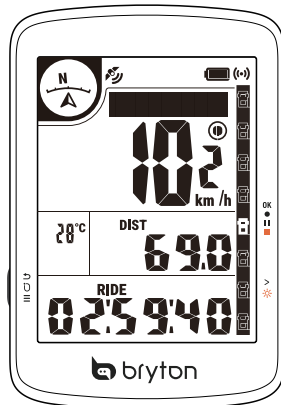
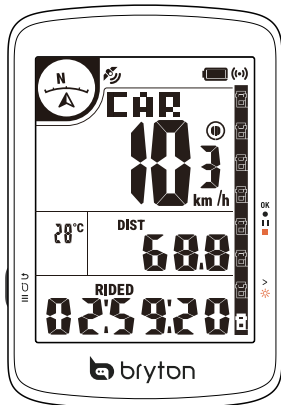
# Bike Radar

Go for a ride. The Gardia radar's status and information will be displayed on the right screen. The vehicle's position will move up the screen as the vehicle approaches your bike.

## High Awareness:

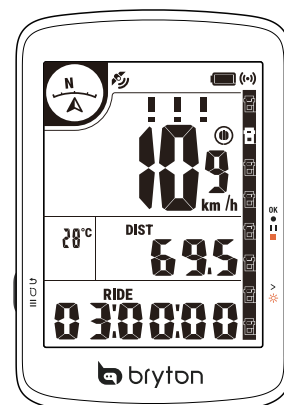
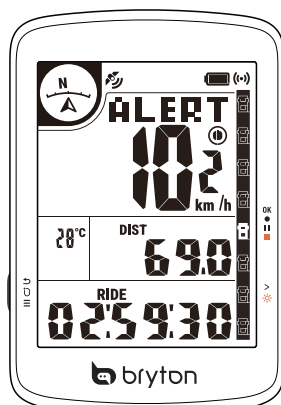
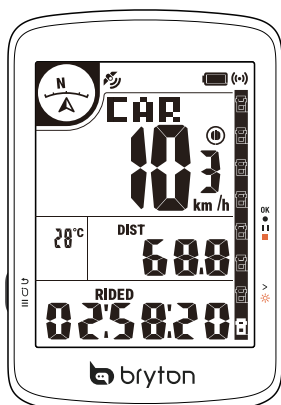
When a vehicle is approaching at high speed.

**CAR**, black screen, and **ALERT** will show by turns rapidly.



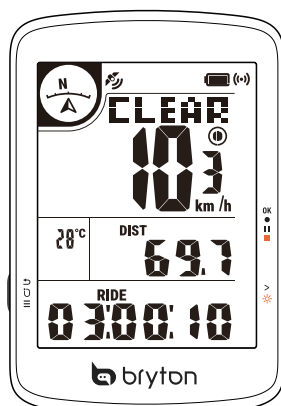
## Alert:

When a vehicle is approaching, **CAR**, **ALERT**, **!!!** will show by turns on the screen.



## Safe:

When no threat is detected behind, **CLEAR** will show on the screen.



# Bryton App Settings

After pairing your Rider 17 with Bryton Active App, you can set up more Settings and receive notifications.

## General Setting

### Backlight Duration

Turn on/off the backlight while the device is on.

### Keytone

Enable or disable Key Tone to change the settings for key presses.

### Sound

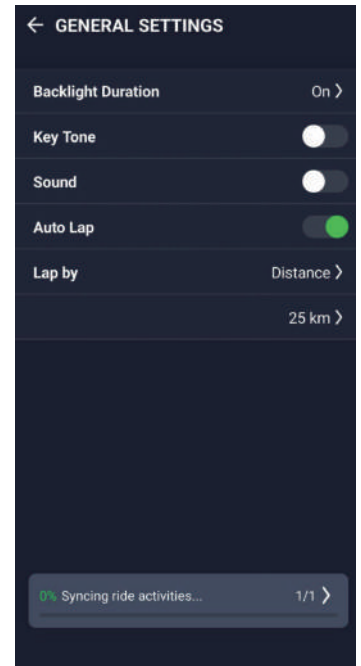
Turn on or off Sound to change the settings for alerts and notifications.

### Auto Lap

Turn on Auto Lap ,you can use Auto Lap to mark the lap at a particular position automatically.

Choose by Distance or Location option.

- If you select Distance, you need to enter a specific value.
- If you choose Location, you need to pin a location on the map.



## Bike Settings

### Page

Select **Settings** > **Grid Settings** > **Page** you can customize grid number and data grids

### Overview

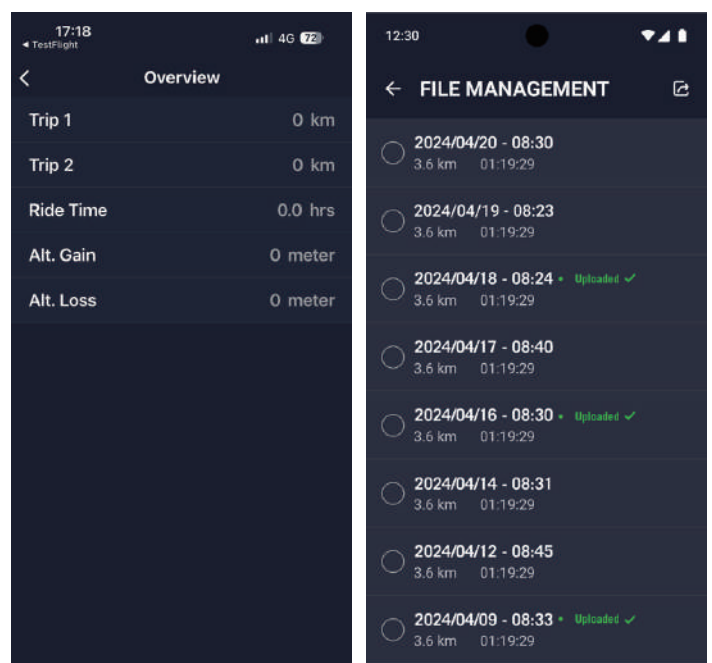
Select **Settings** > **Bike Settings** > **Overview** to view more details of the bike odometer.

### Sensors

Select **Settings** > **Bike Settings** > **Sensors** to pair sensors.

### File Management

Select **Settings** > **File Management** to view details.



# Notifications

After pairing your compatible smartphone via Bluetooth with Rider 17, you can receive phone calls, texts and email notifications on your Rider 17.

## iOS Phone Pairing

- Go to your phone "**Settings** > **Bluetooth**" and enable Bluetooth.
- Go to Bryton Active App and Tap on "**Settings** > **Device Manager** > **+**".
- Select and add your device by pressing "**+**".
- Tap on "**Pair**" to pair your device with your phone. (For iOS phone only)
- Tap on "**Finish**" to complete pairing.

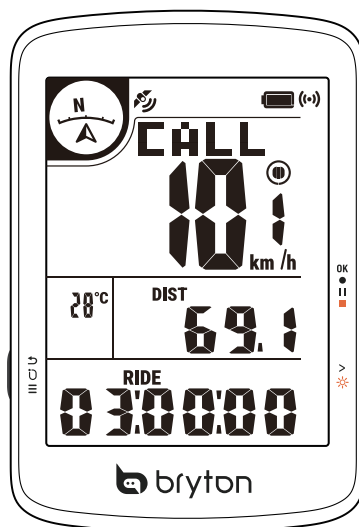
**NOTE:** If notifications do not work properly, in your phone, please go to "**Settings** > **Notifications**" and check if you have allowed notifications in compatible messaging and email apps or go to social applications settings.

## Android Phone Pairing

- Go to your phone "**Settings** > **Bluetooth**" and enable Bluetooth.
- Go to Bryton Mobile App and Tap on "**Settings** > **My Devices** > **Device Manager** > **+**".
- Select and add your device by pressing "**+**".
- Tap on "**Finish**" to complete pairing.

## Allow Notification Access

- Tap on "**Settings** > **Notification**".
- Tap on "**OK**" to enter setting to allow Notification Access for Bryton app.
- Tap on "**Active**" and select "**OK**" to allow notification access for Bryton.
- Go back to Notification settings.
- Select and enable In-coming Calls, Text Messages and Emails by Tap onping each item.



# Profile

You only can edit the Profile via Bryton Active App. Just edit your profile info in the profile tab in Bryton Active. Once the device is connected to the app, your profile info will be updated to your Rider 17.

## About Me

In Profile,select **About Me**, you can browse and personalize your information.

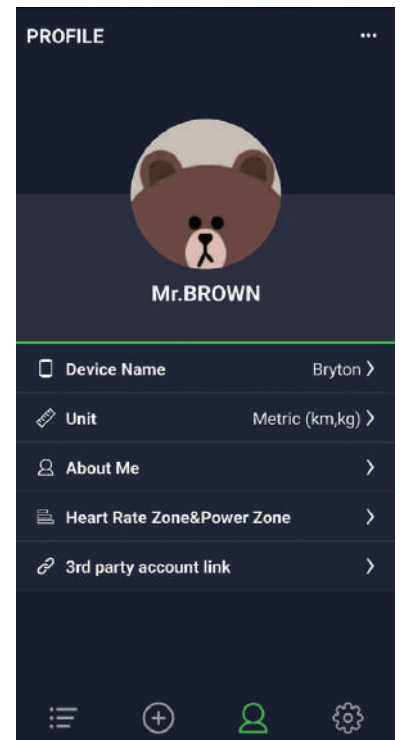
## Heart Rate Zone

Select **PROFILE > Heart Rate Zone** and tap to edit details.

### Customize Heart Rate Zone

1. Select **MHR/LTHR**.
2. Press to edit details for each zone.
3. Scroll up and down to edit more zones.

**Note:** Rider 17 doesn't support Power meter and related data.



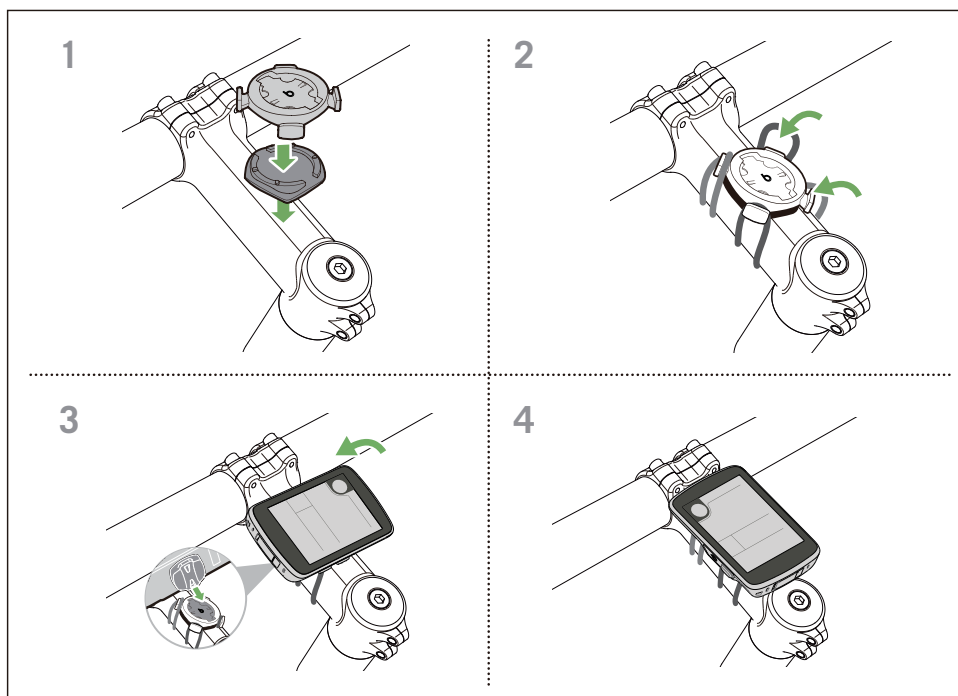
# Appendix

## Specification

Item	Description
Display	3" Segment Type HTN LCD
Physical Size	55 X 80.6 X 12.8 mm
Weight	63g
Operating Temperature	-10 °C ~ 60 °C
Battery Charging Temperature	0 °C ~ 40 °C
Battery	Li-polymer rechargeable battery
Battery Life	Up to 25 hours with open sky
GNSS	Integrated high-sensitivity GNSS receiver with embedded antenna
BLE Smart	Bluetooth smart wireless technology with embedded antenna; 2.4GHz band OdBm
Water Resistant	Water resistant to a depth of 1 meter for up to 30 minutes
Barometer	Equipped with barometer

## Install Rider 17

### Mount Rider 17



# Wheel Size and Circumference

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

Wheel Size	L (mm)
12x1,75	935
12x1,95	940
14x1,50	1020
14x1,75	1055
16x1,50	1185
16x1,75	1195
16x2,00	1245
16 x 1-1/8	1290
16 x 1-3/8	1300
17x1-1/4	1340
18x1,50	1340
18x1,75	1350
20x1,25	1450
20x1,35	1460
20x1,50	1490
20x1,75	1515
20x1,95	1565
20x1-1/8	1545
20x1-3/8	1615
22x1-3/8	1770
22x1-1/2	1785
24x1,75	1890
24x2,00	1925
24x2,125	1965
24 x 1 (520)	1753
Tubular 24 x 3/4	1785
24x1-1/8	1795
24x1-1/4	1905
26 x 1 (559)	1913
26x1,25	1950
26x1,40	2005
26x1,50	2010
26x1,75	2023
26x1,95	2050
26x2,10	2068
26x2,125	2070
26x2,35	2083

Wheel Size	L (mm)
26x3,00	2170
26x1-1/8	1970
26x1-3/8	2068
26x1-1/2	2100
650C Tubular 26 x 7/8	1920
650x20C	1938
650x23C	1944
650 x 25C 26 x 1 (571)	1952
650x38A	2125
650x38B	2105
27 x 1 (630)	2145
27x1-1/8	2155
27x1-1/4	2161
27x1-3/8	2169
27,5x1,50	2079
27,5x2,1	2148
27,5x2,25	2182
700x18C	2070
700x19C	2080
700x20C	2086
700x23C	2096
700x25C	2105
700x28C	2136
700x30C	2146
700x32C	2155
700C Tubular	2130
700x35C	2168
700x38C	2180
700x40C	2200
700x42C	2224
700x44C	2235
700x45C	2242
700x47C	2268
29x2,1	2288
29x2,2	2298
29x2,3	2326

# Data Field

Category	Data Field	Description of Data Fields
Altitude	Altitude	The height of your current location above or below sea level.
	Gradient	The calculation of altitude over distance.
	Alt. Gain	The total altitude distance gained during this current activity.
	Alt. Loss	The total altitude lost during this current activity.
Distance	Distance	The distance traveled for current activity.
	ODO	The accumulated total distance until you reset it.
	LapDistance	The distance traveled for the current lap.
Speed	Speed	The current rate of change in distance.
	Avg Speed	The average speed for current activity.
	Max Speed	The maximum speed for current activity.
	Lap Speed	The average speed for the current lap
Cadence	Cadence	The current rate at which rider is pedalling the pedals.
	Avg CAD	The average cadence for current activity.
	Max CAD	The maximum cadence for current activity.
Heart Rate	Heart Rate	The number of times your heart beats per minute. It requires compatible HR sensor pairing connection to your device.
	Avg HR	The average heart rate for current activity.
	Max HR	The maximum heart rate for current activity.
Time	Time	Current GPS Time.
	Ride Time	The time spent on riding for current activity.
	Trip Time	Total time spent for current activity.
	LapTime	The stopwatch time for the current lap.
Heading	Direction	Heading function informs you which direction you are currently heading.
Temperature	Temperature	The current temperature.

# Basic Care For Your Rider 17

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

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



## RF Exposure Information (MPE)

This device meets the EU requirements and the International Commission on Non-Ionizing Radiation Protection (ICNIRP) on the limitation of exposure of the general public to electromagnetic fields by way of health protection. To comply with the RF exposure requirements, this equipment must be operated in a minimum of 20 cm separation distance to the user.

Hereby, Bryton Inc. declares that the radio equipment type Bryton product is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [http://www.brytonsport.com/download/Docs/CeDocs\\_Rider17.pdf](http://www.brytonsport.com/download/Docs/CeDocs_Rider17.pdf)



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