



Rider 10

User's Manual



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 **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.



Download Bryton App

Scan below QR Code to download Bryton App or you can go to Google Play for android/App Store for iOS to search Bryton App and download it. After adding UUID (16 digit number) on the back of your device to Bryton account and with Bluetooth connection, your Rider computer automatically uploads recorded tracks.



<http://download.brytonsport.com/inst.html>

Australian Consumer Law

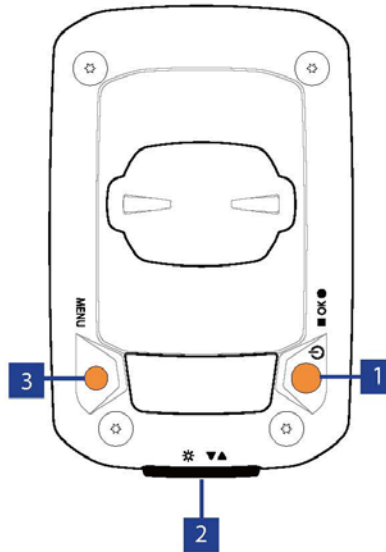
Our goods come with guarantees that can not be excluded under the New Zealand and Australian Consumer Laws. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced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



Getting Started

This section will guide you on the basic preparations before you start using your Rider 10.

Your Rider 10



1 Power/OK (⏻/■OK●)

- Press to turn the device on.
- Press and hold to turn the device off.
- In free cycling, press to start recording.
- When recording, press to stop recording.
- In Menu, press to confirm a selection.

3 MENU(MENU)

- Press to enter/exit menu mode.
- Press to cancel an operation.

2 Backlight/Page (★/▼▲)

- Long press to turn on/off backlight
- In Menu, press to move down to scroll through menu options.
- In Meter mode, press to switch meter screen page.

Accessories






















The Rider 10 comes with the following accessories:

- USB cable
- Bike mount

Optional items:

- Smart Heart Rate Monitor
- Smart Speed Sensor
- Smart Cadence Sensor
- F-Mount

Status Icons

Icon	Description	Icon	Description	Icon	Description
Bike Type			Daylight Saving		Heart Rate Sensor Active
	Bike 1		Backlight		Speed Sensor Active
	Bike 2	PM	12 hour mode		Cadence Sensor Active
GPS Signal Status			Select 12h or 24h		Bluetooth Active
	No signal (not fixed)		Gradient	REC	Recording
	Weak signal	ALT▲/ALT▼	Altitude Gain/Altitude Loss		
	Strong signal	R	Ride Time		
Power Status		T	Trip Time		
	Full battery		Cadence Value		
	Half battery		Heart Rate Value		
	Low battery	Odo	Odometer		
Notification		D	Distance		
	Incoming Call	D1/D2	Distance 1/ Distance 2		
	E-mail	Mx	Maximum		
	Message	Av	Average		

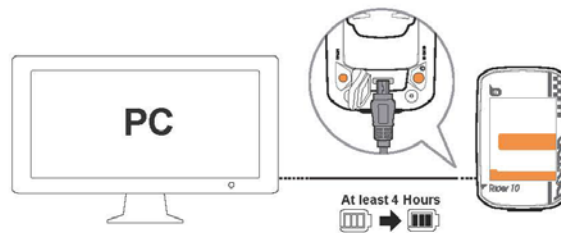
NOTE: Only the active icons are displayed on the screen.




Step 1: Charge your Rider 10

Connect Rider 10 to a PC to charge the battery for at least 4 hours. Unplug the device when it is fully charged.

- You may see a white screen when the battery is really low. Keep the device plugged for several minutes, it will automatically turn-on after battery is 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 10

Press  to turn on the device.

Step 3: Initial Setup

When turning Rider 10 on for the first time, the setup wizard appears on screen. Follow the instructions to complete setup.

1. Press  to select the unit of measurement.








Step 4: Acquire Satellite Signals

Once the Rider 10 is turned on, it will automatically search for satellite signals. It may take 30 to 60 seconds to acquire signals. Please make sure you acquire the satellite signal for the first time use.

The GPS signal icon (📶/📶) appears when GPS is fixed.

- If the GPS signal is not fixed, an 📶 icon appears on the screen.
- Please avoid the obstructed environments since they might affect the GPS reception.

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

Step 5: Ride Your Bike with Rider 10

- **Free ride:**
In meter view, measurement starts and stops automatically in sync with the movement of the bicycle.
- **Start an exercise and record your data:**
In meter view, press **OK** to start recording, press **OK** again to stop.

Reset Rider 10

To reset the Rider 10, long press two keys (MENU / **OK**) at the same time.



Download Bryton Update Tool

NOTE: Bryton Update Tool can notify you if a new software version or GPS data is available. The newer GPS data can speed up the GPS acquisition. We highly recommend you to check for updates every 1-2 weeks.

1. Go to <http://www.brytonsport.com/help/start> and download Bryton Update Tool.
2. Follow the on-screen instructions to install Bryton Update Tool.

Share Your Records

Share Your Tracks to Brytonactive.com

1. Sign up Brytonactive.com
 - a. Go to <https://active.brytonsport.com/home>.
 - b. Register a new account.

NOTE: If you already have a Bryton account from brytonsport.com or Bryton Sports app, and would like Bryton to transfer your tracks, please use the same email address that was used in brytonsport.com to sign up and check a "Transfer request" check box available under the sign up button. We do not guarantee 100% of your tracks would be transferred, so it is suggested to keep a copy of all your tracks in your computer.

2. Connect to PC
Turn on your Rider 10 and connect it to your computer by USB cable.
3. Share Your Records
 - a. Click "+" on the right upper corner.
 - b. Drop FIT,BDX,GPX file(s) here or Click "Select files" to upload tracks.
 - c. Click "Activities" to check uploaded tracks.

Share Your Tracks to Strava.com

1. Sign up/log in on Strava.com
 - a. Go to <https://www.strava.com>
 - b. Register a new account or use your current Strava account to log in.
2. Connect to PC
Turn on your Rider 10 and connect it to your computer by USB cable.
3. Share Your Records
 - a. Click "+" on the top right corner of Strava page and then click "File".
 - b. Click "Select Files" and select FIT files from Bryton device.
 - c. Enter information about your activities and then click "Save & View".



Appendix

Specifications

Rider 10

Item	Description
Display	2" FSTN positive transreflective LCD
Physical Size	71 x 46.2 x 16.5 mm
Weight	52g
Operating Temperature	-10°C ~ 50°C
Battery Charging Temperature	0°C ~ 40°C
Battery	Li polymer rechargeable battery
Battery Life	18 hours with open sky
GPS	Integrated high-sensitivity GPS receiver with embedded antenna
BLE Smart	Bluetooth smart wireless technology with embedded antenna
Water Resistant	Water resistant to a depth of 1 meter for up to 30 minutes.

Cadence Sensor

Item	Description
Physical size	36.9 x 31.6 x 8.1 mm
Weight	6 g
Water Resistance	Incidental exposure to water of up to 1 meter for up to 30 minutes.
Transmission range	3 m
Battery life	Up to 1 year
Operating temperature	-10°C ~ 60°C
Radio frequency/protocol	2.4GHz / Bluetooth 4.0 and 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	63 x 34.3 x 15 mm
Weight	14.5 g (sensor) / 31.5g (strap)
Water Resistance	Incidental exposure to water of up to 1 meter for up to 30 minutes.
Transmission range	3 m
Battery life	Up to 2 years
Operating temperature	0°C ~ 50°C
Radio frequency/protocol	2.4GHz / Bluetooth 4.0 and Dynastream ANT+ Sport wireless communications protocol

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

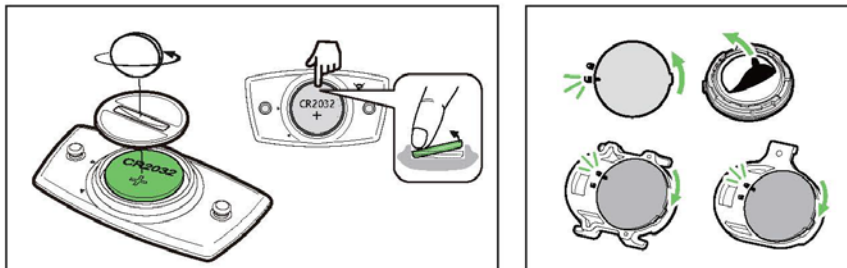
Battery Information

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.
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 for 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.



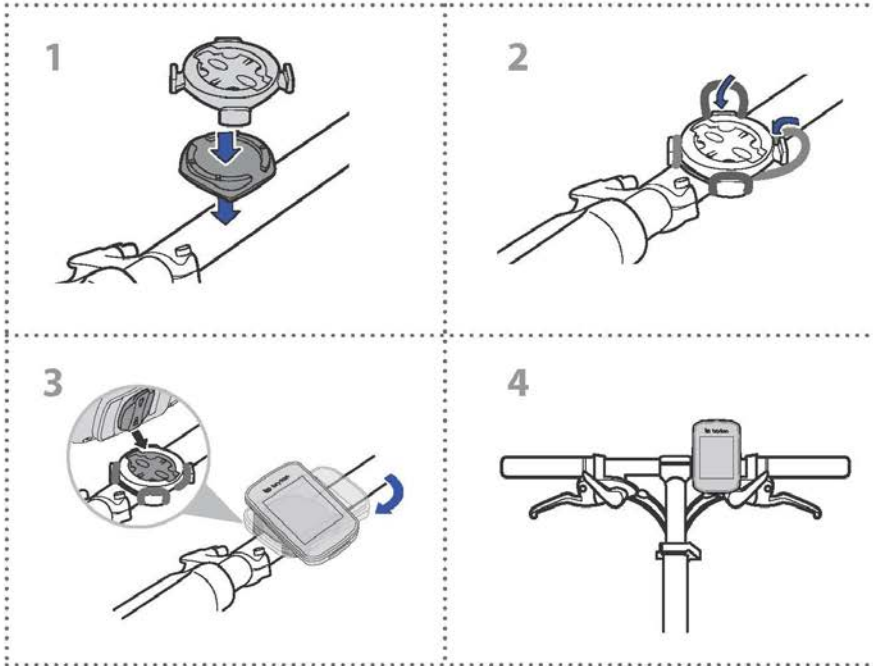
NOTE:

- 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.

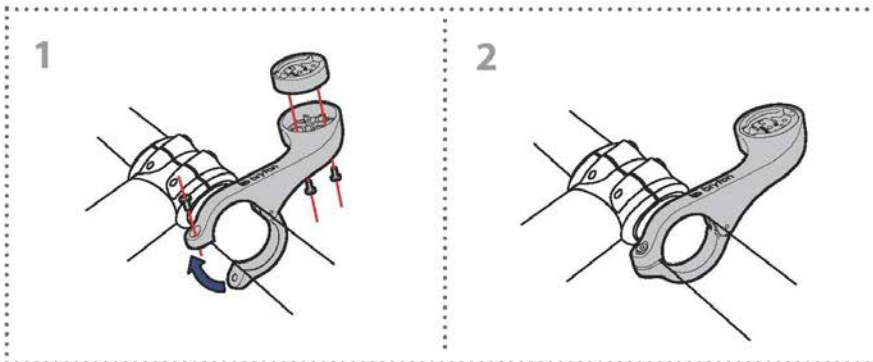


Install Rider 10

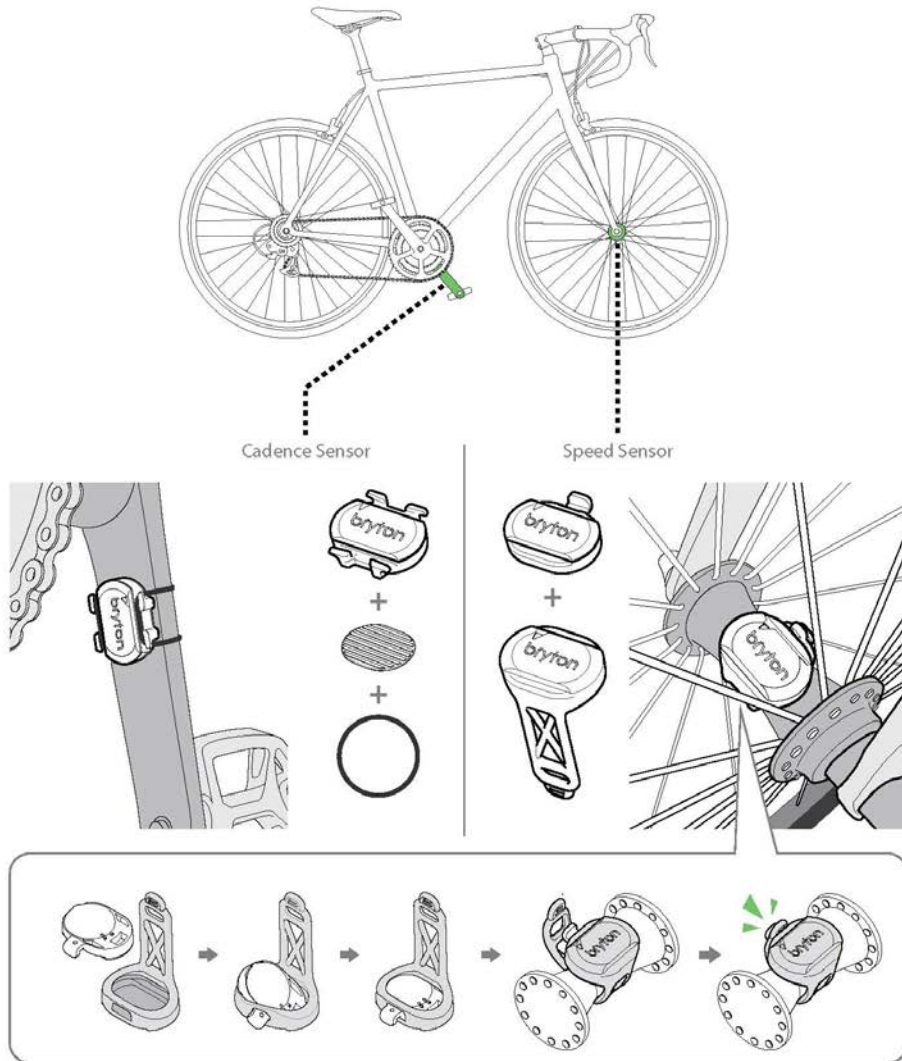
Use Bike Mount to Mount Rider



Use F-Mount to Mount Rider (Optional)



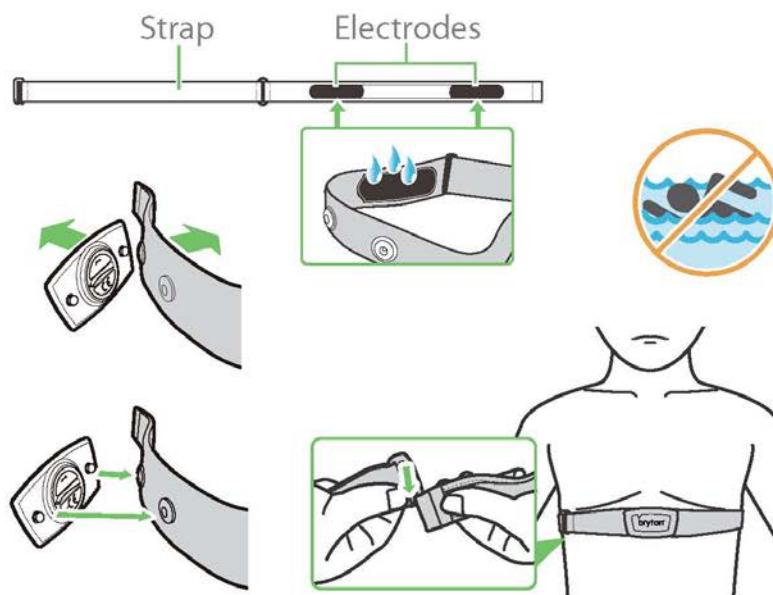
Install the Speed/Cadence Sensor (Optional)



NOTE:

- To ensure optimum performance, do the following:
 - Align both sensor and magnet as shown in the illustration (5a / 5b). Pay attention on the alignment points.
 - Ensure the distance between the sensor and the magnet is within 3 mm.
- Ensure that both Speed sensor and Speed magnet are installed and aligned horizontally, not vertically.
- On the initial usage, press the front button to activate the sensor and start pedaling. When the sensor detects the magnet, the LED blinks once to indicate the alignment is correct (the LED blinks only for the first ten passes after pressing the button).

Install Heart Rate Belt (Optional)



NOTE:

- In cold weather, wear appropriate clothing to keep the heart rate belt warm.
- The belt should be worn directly on your body.
- Adjust the sensor position to the middle part of the body (wear it slightly below the chest). The Bryton logo shown on the sensor should be facing upward. Tighten the elastic belt firmly so that it will not turn loose during the exercise.
- If the sensor cannot be detected or the reading is abnormal, please warm up for about 5 minutes.
- If the heart rate belt is not used for a period of time, remove the sensor from the heart rate belt.

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
16x1-1/8	1290
16x1-3/8	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
24x1(520)	1753
24x3/4 Tubular	1785
24x1-1/8	1795
24x1-1/4	1905
26x1(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 26x7/8	1920
650x20C	1938
650x23C	1944
650x25C 26x1(571)	1952
650x38A	2125
650x38B	2105
27x1(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



Basic Care For Your Rider 10

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

- Do not drop your device or subject it to severe shock.
- Do not expose your device 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 device.
- **Do not attempt to disassemble, repair, or make any modifications to your device. Any attempt to do so will make the warranty invalid.**

NOTE: Improper battery replacement may cause an explosion. When replacing a **new battery, use only the original battery or a similar type of battery specified by the manufacturer.** Disposal of the used batteries must be carried out in accordance to the regulations of your local authority.



For better environmental protection, waste batteries should be collected separately for recycling or special disposal.