



MILES

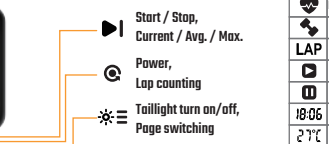
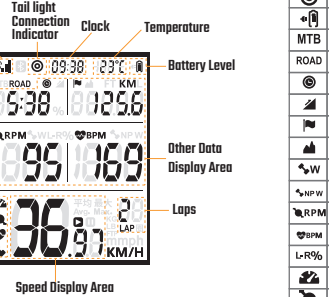
Manual

v 1.0

Features

- Power Estimation
- GPS Tracking
- Speed
- Cadence
- Heart Rate
- Elevation
- Slope
- Distance
- Cycling Time
- Laps
- Auto Track Download
- Clock
- Bluetooth / ANT+
- Taillight Control & Sync
- Customizable Display
- Firmware Update
- Data Analysis
- Temperature
- Auto Sync with StravaTrip
- Storage
- Power Save Mode
- Battery Indicator
- Battery Level
- Loop Page Switching
- Full Color LED Indicator
- Track Data Replay
- Bicycle Type

LCD Display



GPS	GPS
Bluetooth	Bluetooth
Battery Level	Battery Level
MTB	Mountain Bike
Riding Time	Riding Time
Slope	Slope
Distance	Distance
Elevation	Elevation
Power	Power
NP Power	NP Power
Cadence	Cadence
Heart Rate	Heart Rate
L-R Balance	L-R Balance
Speed Sensor	Speed Sensor
Cadence Sensor	Cadence Sensor
Heart Rate Sensor	Heart Rate Sensor
Power Meter	Power Meter
Laps	Laps
Start Track	Start Track
Pause	Pause
Clock	Clock
Temperature	Temperature

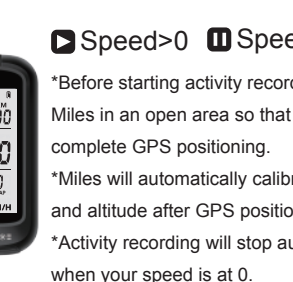
Power On / Off

Press and hold the button for over 2 seconds to turn on/off the Miles bike computer.



Start / Stop Activity Recording

Press and hold the button for over 2 seconds to start/stop activity recording.



Power Meter Metrics

Miles is compatible with power meters that display power and receive data via ANT+. When a power meter is paired with Miles, you will see the power metrics on the power meter displays.

- Power
- NP Power
- L-R Balance

Power Estimation

Without a power meter, Miles will estimate power with a dedicated algorithm. There are several key factors that affect the accuracy of power estimation, so it is highly recommended to pair Miles with a cadence sensor and fill in all the relevant information in the app.



Works with Smart Tail Light Raz Pro

With Miles, you get to easily control your Raz Pro tail light right from the handlebar. Pair Raz Pro with Miles in just a few quick steps.



Pair with Raz Pro

Press and hold the and button at the same time for over 2 seconds to enter pairing mode.



Turn Tail Light On/Off

Press and hold the button for over 2 seconds to turn on/off the tail light.



Miles + Raz Pro Sync LED Light

The LED indicator on Miles lights up in perfect sync with Raz Pro: in the same color and lighting mode. The LED will signal when you break.

Activity Records Download and Display

Connect the Miles bike computer to PC via a USB data cable, and the screen of Miles will display the word 'USB'. A read-only U disk will appear on PC. We can copy the fit file directly from the U disk, open it with third-party software or upload it to a third-party platform such as Strava.



Via USB Port

Connects Miles bike computer with Shanren Sport App, and downloads the fit files from Miles bike computer to the App and display them.

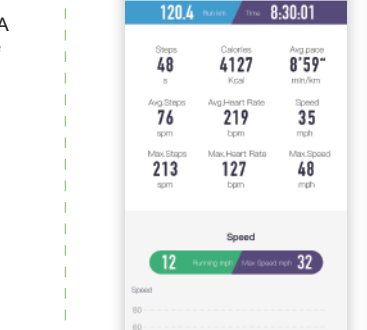


Data Analysis/ Syncs with Strava



Customize Display

Miles offers limited customize screen, you could change some of data in LCD display via shanren Sport App.



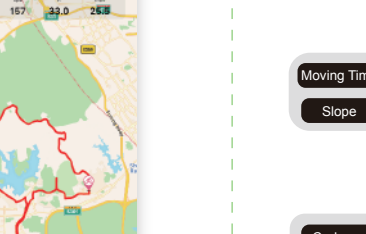
Choose What to See On the Display

Press the button to switch between different data types.

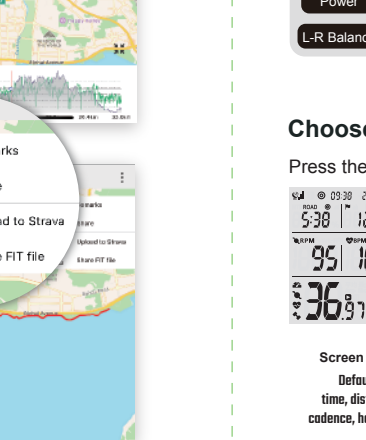


Turn On/Off Backlight

Press the and buttons at the same time to turn on/off the backlight.



Supported Sensors



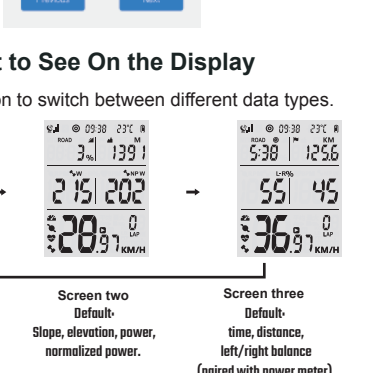
Sensor Pairing

Press and hold the and buttons for over 2 seconds to enter pairing mode.



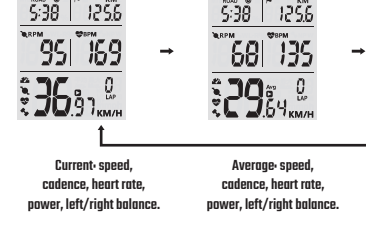
Press the * button

Press the button to switch between sensor types.



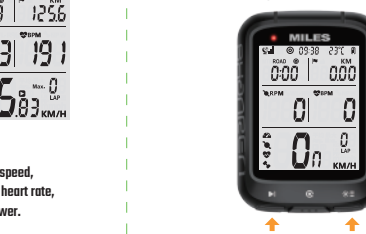
Lap Count

Press the button to start counting laps. Once activity recording is done, one lap will be added automatically.



Turn on Loop Page-Switching

Miles data pages will be shown on a continuous loop at 6-second intervals without requiring user interaction. Toggle off Loop Page-Switching to go back to switching between screens via Miles keypad.



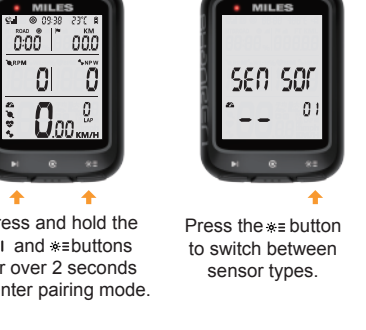
Customize Display

Miles offers limited customize screen, you could change some of data in LCD display via shanren Sport App.



Choose What to See On the Display

Press the button to switch between different data types.



Note:

1. If sensor pairing fails, original pairing data will be erased.
2. Press the ► button to stop the pairing process.

Sensor pairing selection	ANT+	BLE
01 Speed Sensor	✓	✓
02 Cadence Sensor	✓	✓
03 Speed & Cadence Sensor	✓	✓
04 Heart Rate Sensor	✓	✓
05 Power Meter	✓	
06 Raz Pro Smart Tail Light	✓	

ANT+ sensor and BLE sensor

When a sensor is paired successfully, you will see an indicator at the top of the screen labeling this sensor as ANT + or BLE.



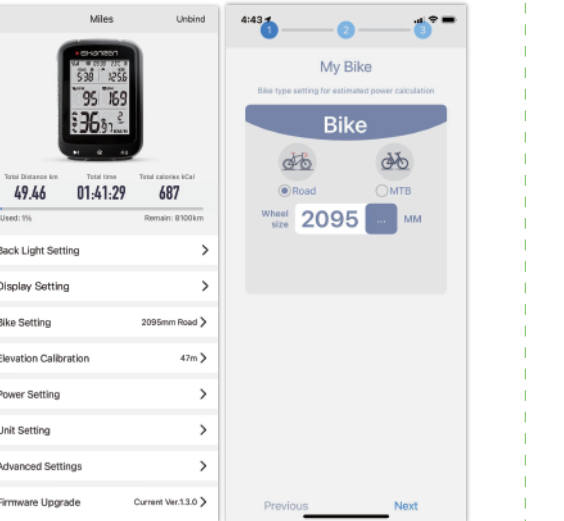
Sensor type: ANT+



Sensor type: BLE

Parameter Settings

You can set the parameters for Miles via the Shanren Sport App. If Miles is not paired with the app, you can also set the parameters directly on the bike computer.



How to start Parameter Setting

1. Press and hold the ► and * buttons at the same time for over 2 seconds to enter pairing mode.
2. Press the * button to go through sensor pairing steps until you see CONFIG displayed on the screen.

01. Wheel Circumference Setting



Press the ► button to make changes.



Press the * button to confirm/jump to the next setting.

02. Speed / Distance Unit Setting



Press the ► button to switch between units.



Press the * button to confirm and jump to the next setting.

03. Weight Setting



Press the ► button to make changes.



Press the * button to confirm/jump to the next setting.

04. Temperature Unit Setting



Press the ► button to switch between °C and °F.



Press the * button to confirm and jump to the next setting.

05. Bike Type Setting



Press the ► button to switch between ROAD/MTB.



Press the * button to confirm/jump to the next setting.

06. GPS On/Off Setting



Press the ► button to turn GPS on/off.



Press the * button to confirm and jump to the next setting.

07. Buzzer Setting



Press the ► button to switch the buzzer on/off.



Press the * button to confirm/jump to the next setting.

08. FTP Setting



Press the ► button to make changes.

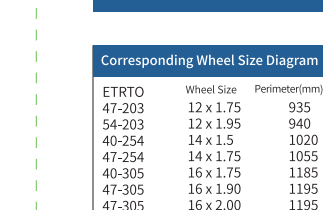


Press the * button to confirm/jump to the next setting.

09. Time Zone Setting



Press the ► button to change a time zone.

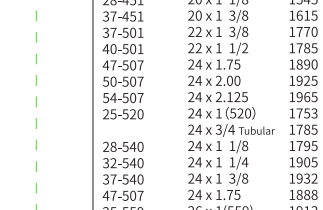


Press the * button to confirm/jump to the next setting.

10. Clock Setting



Press the ► button to make changes.



Press the * button to change hours, minutes/exit.

Find your wheel size

Corresponding Wheel Size Diagram	Wheel Size	Perimeter(mm)
ETRT0	50-559	26 x 2.00
47-203	12 x 1.75	935
54-203	12 x 1.95	940
40-254	14 x 1.5	1020
47-254	14 x 1.75	1055
40-305	16 x 1.75	1185
47-305	16 x 1.90	1195
47-305	16 x 2.00	1195
54-305	16 x 1 1/8	1245
28-349	16 x 1 3/8	1290
37-349	17 x 1 1/4	1300
32-369	18 x 1.50	1340
40-355	18 x 1.75	1350
47-355	20 x 1.25	1450
32-406	20 x 1.35	1460
35-406	20 x 1.50	1490
40-406	20 x 1.75	1515
50-406	20 x 1.95	1565
28-451	20 x 1 1/8	1545
37-451	20 x 1 3/8	1615
37-501	22 x 1 3/8	1770
40-501	22 x 1 1/2	1785
47-507	24 x 1.75	1890
50-507	24 x 2.00	1925
54-507	24 x 2.125	1965
25-520	24 x 1 (520)	1753
28-540	24 x 3/4 Tubular	1785
32-540	24 x 1 1/8	1795
37-540	24 x 1 1/4	1905
47-507	24 x 1.75	1888
25-559	26 x 1 (559)	1913
32-559	26 x 1.25	1950
37-559	26 x 1.40	2005
40-559	26 x 1.50	2010
42-559	26 x 1.60	2020
47-559	26 x 1.75	2023
50-559	26 x 1.95	2050
54-559	26 x 2.10	2068
57-559	26 x 2.125	2070
58-559	26 x 2.25	2070
58-559	26 x 2.35	2083
75-559	26 x 3.00	2170
28-590	26 x 1 1/8	1970
37-584	26 x 1 3/8	2068
37-590	26 x 1 3/8	2068
37-584	26 x 1 1/2	2100
20-571	650 x 20C	1920
23-571	650 x 23C	1938
25-571	650 x 25C	1944
40-590	650 x 38A	2125
40-584	650 x 38B	2105
25-630	27 x 1 (630)	2145
28-630	27 x 1 1/8	2155
32-630	27 x 1 1/4	2161
37-630	27 x 1 3/8	2169
40-584	27.5 x 1.50	2079
50-584	27.5 x 1.95	2090
54-584	27.5 x 2.1	2148
57-584	27.5 x 2.25	2182
40-635	28 x 1 1/2	2246
18-622	700 x 18C	2070
19-622	700 x 19C	2080
20-622	700 x 20C	2086
23-622	700 x 23C	2096
25-622	700 x 25C	2105
28-622	700 x 28C	2136
30-622	700 x 30C	2146
32-622	28 x 1.25, 700 x 32C	2155
35-622	700C Tubular	2130
37-622	28 x 1.35, 700 x 35C	2168
38-622	28 x 1.40, 700 x 35C	2180
40-622	700 x 38C	2193
42-622	28 x 1.50, 700 x 45C	2205
44-622	28 x 1.60, 700 x 40C	2218
47-622	700 x 42C	2225
47-622	2.8 x 1.75, 700 x 45C	2268
50-622	29 x 2.00	2280
54-622	29 x 2.10	2288
56-622	29 x 2.20	2298
57-622	29 x 2.25	2303
60-622	29 x 2.3	2326
60-622	29 x 2.35	2330

How to Install Miles



Specification

Name:	Miles GPS Bike Computer
Model:	SR-BC40
Connectivity:	Hybrid BLE/ANT+
Bluetooth Sensors:	Heart Rate/Speed/Cadence
ANT+ sensors:	Heart Rate/Speed/Cadence/Power Meter
Positioning system:	GPS, Glonass, BDS, QZSS
Data transfer:	Bluetooth / USB Cable
Battery:	Rechargeable Battery
GPS working time:	25 hrs
Screen size:	2.1 inches
Waterproof:	IPX7
Weight:	65g

What's in the Box



Warranty Card

Shanren products are covered by a two-year warranty. Accessories excluded.

Each Shanren product is warranted to be free of factory defects and work properly for a period of up to two years. If a product stops working under normal use during this time, we will replace it or fix the defect at no charge. Maintenance must be performed by an authorized Shanren dealer or an authorized Shanren retailer.

If you want to return a product, include this warranty card and a brief description of the defects with your request. Make sure to clearly state your name and address on the Warranty Card.

Insurance and delivery charges will be borne by the party requesting the service.

Thank you for your understanding.

User name: _____

Address: _____

Telephone: _____

Order No.: _____

Commodity name and specification: _____

Dealer name: _____

Purchasing date: _____



Shanren Facebook

Shanren International Co., Limited
1103, Hang Seng Mongkok Building,
677 Nathan Road, Kowloon Hong Kong
shanrentech.com
sales@shanrentech.com Made in China