BLACK BIRD

USER MANUAL
GPS BIKCOMPUER

BB18
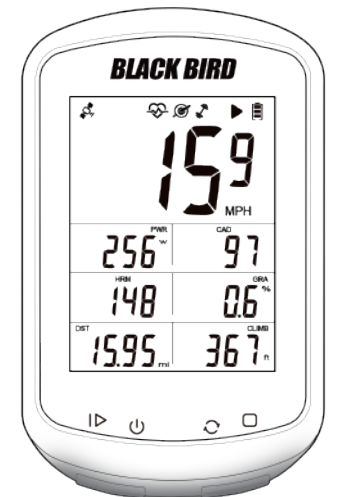
BLACK BIRD

Product Introduction

Left button Right button

Base Part
Waterproof plug
Type-C Charging port
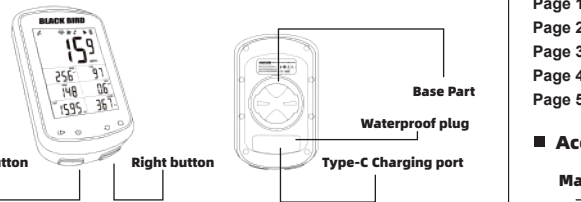
■ Button

Function	Operation
Power on/off	Press and hold the left button 2S
Start/Pause	Short press the left button to start or pause
End/Save	Long press the right button in the recording state
Switch Display	Short press the right button to switch data page
Setting Mode	both keys press 2S at the same time
Factory	When the power is off and charging, press and hold
Reset	both buttons at the same time 2S

■ Icon

- Satellite Signal
- Power
- Bluetooth
- Pause
- Speed
- Recording
- Heart Rate
- Battery
- Cadence

■ Data Page

Page 1: Speed、Distance、Time、Altitude、Slope、Clock、Climb
Page 2: Speed、Power、Cadence、Heart Rate、Slope、Distance、Climb
Page 3: AVG SPD、AVG PWD、AVG CAD、AVG HRD、ALT、Clock、Climb
Page 4: MAX SPD、MAX PWD、MAX CAD、MAX HRD、ALT、Clock、Temp
Page 5: TOL AVG SPD、ODO、TOT、HRD、ALT、Clock、Temp

■ Accessories

Main Device Power Cord

Sandard mount Instruction

■ Satellite Positioning & Backlight

- This product automatically and intelligently searches for satellites
- Please make sure the device is searching for satellites in outdoor or unobstructed environment
- If no satellite is searched, the GPS icon in the upper left corner is not displayed
- GPS icon is displayed after satellite search.
- Automatic altitude calibration after each positioning
- Tunnel backlight needs to be turned on automatically with the speedo connected
- Auto backlight automatically turns on and off the screen backlight according to the local sunset and sunrise time of positioning

  When the elevation data and time are felt to be off, they can be repositioned in an open environment for calibration and update
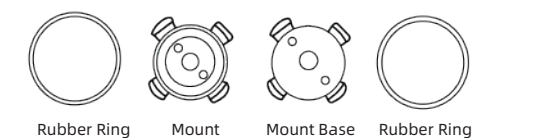
■ Charge&Sleep

- BB18 needs to use DC 5V adapter ,supports charging while using.
- Charging display:
  Power off state: display time and Battery icon
  Power on state:Battry icon falshes

- When no movement reaches 5 minutes, the code meter automatically enters the hibernation state. Press any button to interrupt hibernation.
- As the temperature drops, the endurance time will be relatively reduced
- When the page shows "LP", it means the power of the watch is low and needs to be charged.

Hibernate Page Charging Page Low-power Display

NOTE:
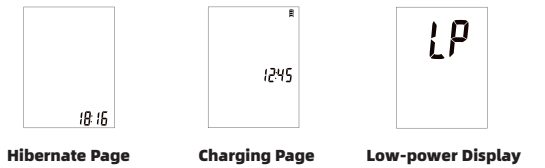
Instrction For Use

### ■ Installation

Rubber Ring Mount Mount Base Rubber Ring

1.Combine the mount with the base to ensure the two bumps match perfectly

2.Place the assembled base on the handlebars or handlebar, and keep the three circles on the base in a vertical direction.

3.Install the rubber rings and fixe them diagonally

4.Install the code meter, press it in horizontally, then rotate it 90° to fix it.
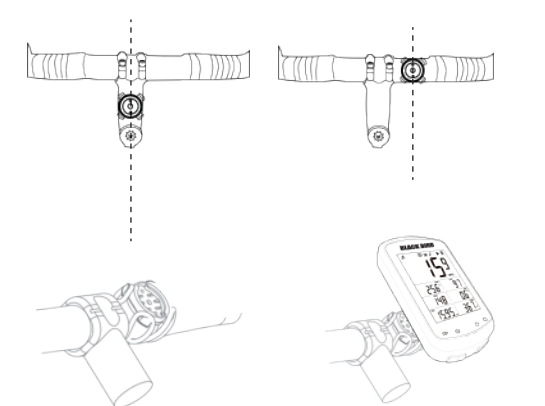
■ Setting Mode

1. In the power on state, left and right keys simultaneously long press 2S to enter the setting mode
2. There are three pages of setting mode
   P1 peripheral search page
   P2 unit switching page
   P3 time zone setting page
3. In setting mode, the left button function is to adjust, and the right button function is to switch the setting items.
4. In setting mode, long press the right button to save and exit

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P1   P2   -07 15   P3

Peripherals Search Unit Switch Time Zone Setting

APP
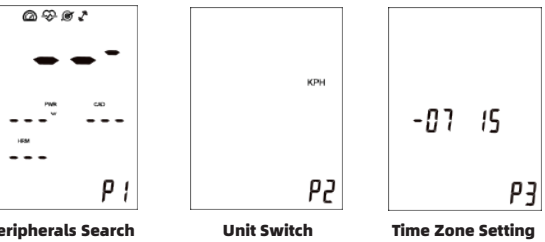
■ Download APP

1.Download Blackbird Bike App, users can search in APP store, or scan the QR code below to download
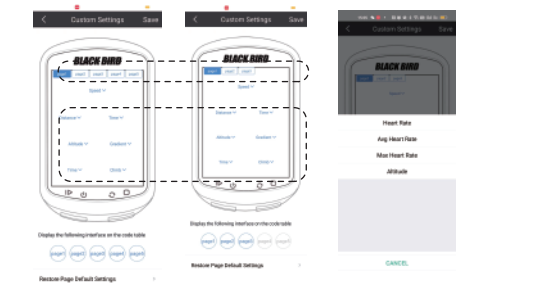
Android   IOS

2. Open the APP, log in or register your account (make sure your phone's Bluetooth function is on), and the code meter is on.
3. Enter the search page by clicking "Device"_"Bike Computer"_"Connect" below
4. Select "BB18-3******" to connect and bind
5. After the successful binding, you can customize the code table and upload the records.
6. You can also bind "Strava" account in the search page, every time the records will be automatically synchronized to the strava account
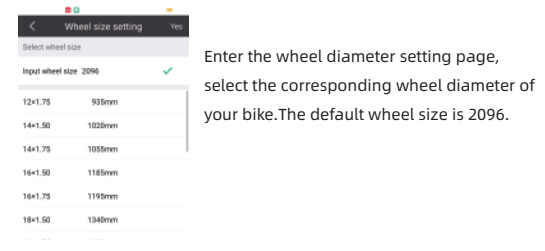
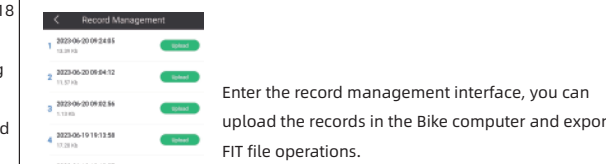---
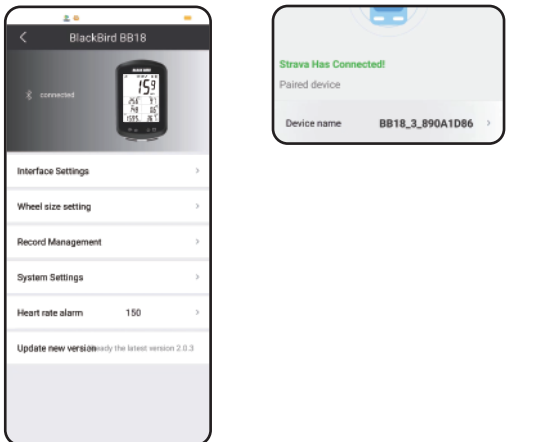
■ Interface Setting

1. Click on the interface settings to customize the page settings of the BB18
2. Click on the corresponding page number to select the corresponding page and page number set. You can open or close the page by clicking the page number below.to start or close the page.
3. Each display area can be edited separately and the data type displayed can be changed.
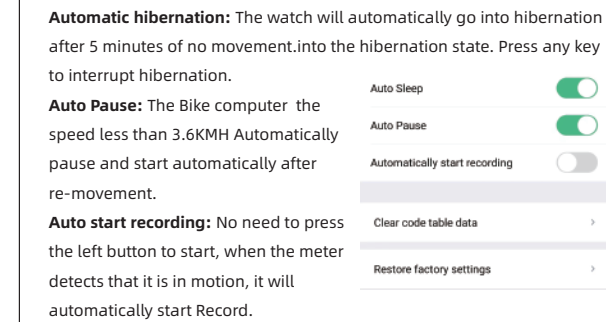4. After setting, click "Save" in the upper right corner.

Interface Settings
Wheel size setting
Record Management
System Settings
Heart rate alarm

■ Wheel size setting

Enter the wheel diameter setting page, select the corresponding wheel diameter of your bike.The default wheel size is 2096.

■ Record Management

Enter the record management interface, you can upload the records in the Bike computer and export FIT file operations.

■ System Setting

Automatic hibernation: The watch will automatically go into hibernation after 5 minutes of no movement.into the hibernation state. Press any key to interrupt hibernation.

Auto Pause: The Bike computer the speed less than 3.6KMH Automatically pause and start automatically after re-movement.

Auto start recording: No need to press the left button to start, when the meter detects that it is in motion, it will automatically start Record.

Auto Sleep
Auto Pause
Automatically start recording
Clear code table data
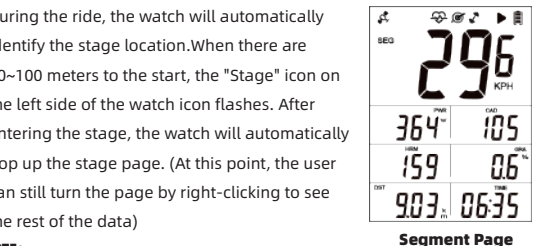Restore factory settings

■ Heart Rate Alarm

When the heart rate of the recording process of the Bike computer exceeds the set value, the user will be alerted by a buzzer.

■ Update

You can upgrade the firmware of the code meter directly through the APP.
Please do not
Close the current page during the upgrade process (upgrade is not completed).
Ensure that the upgrade is completed properly before proceeding with other operations

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SEGMENT

"The segment function needs to be upgraded to the appropriate version through the APP to use"

During the ride, the watch will automatically identify the stage location.When there are 50~100 meters to the start, the "Stage" icon on the left side of the watch icon flashes. After entering the stage, the watch will automatically pop up the stage page. (At this point, the user can still turn the page by right-clicking to see the rest of the data)
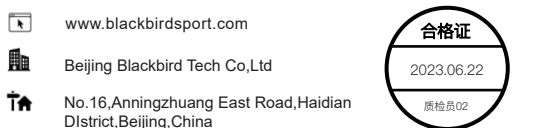
Segment Page

NOTE:

In the stage page: the mileage is recorded in reverse order, i.e. the remaining mileage to the end of the stage.

The stage page is a dynamic page, which pops up during the stage and can turn the page, and disappears after the stage is finished.

Specification

Model	BB18	Protocol	ANT+/BLE5.0
Display Size	2.4"	Charging	Type-C
Satellite	GPS BEIDOU GLONASS GALILEO	Battery life	30H
Weight	72g	Waterproof	IPX7
Size	3.3*2*0.8 inch	Storage	100 records（80H）

Manufacturer

www.blackbirdsport.com

Beijing Blackbird Tech Co,Ltd

No.16,Anningzhuang East Road,Haidian District.Beijing,China

合格证
2023.06.22
质检专用

FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two 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 complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.