USER QUICK GUIDE

BSC100S BIKE SMART COMPUTER

www.igpsport.com

1.INTRODUCTION

1.1 BUTTONS

Button	Function
Left Button	Short press to power on/long press to power off. Short press to start/pause ride recording. Double press to lap manually.
Right Button	Short press to switch data page. Long press to save the ride record when riding recording. Long press to enter the GPS bike computer setting mode when not riding recording.

1.2 ICONS

Icons	Description
▁▃▅	Satellite signal
❋	Bluetooth
❚❚	Pause
▶	Recording
☎	Incoming call alert
▯	Battery
⌀	Speedometer (displayed when sensor is connected)

1.3 DISPLAY

1.3.1 Data Page

This device has four cycling data pages, and the first page is displayed by default when it is turned on.

Page 1

Speed, Distance, Timer, Gradient, Altitude
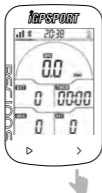
Page 3

Average Speed, Distance, Timer, Average Gradient, Average Altitude

Page 2

Speed, Distance, Calories, Temperature, Ascent

Page 4

Max speed, Distance, Timer, Max gradient, Odometer

①

Short press right button to switch to Page 2

②
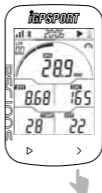
Short press right button to switch to page 3

④

Short press right button to switch to page 4

③

Note:
The above show is the default scheme，You can set page content in iGPSPORT APP.

1.3.2 Annular zona display

The annular zona display of the smart computer is based on the speed, cadence, power and heart rate zone in the iGPSPORT APP settings as standard，Populates the annular area in real-time based on the data currently displayed in the big data frame (Display multiple ranges from left to right),For example, the figure below shows that the current average speed is in the Z2 range of speed.

1.4 PAIRING YOUR SMARTPHONE

● Downloading the iGPSPORT APP, you can get the latest APP from various Android app stores or iOS App Store.

● Turn on the Bluetooth of the smartphone and pair Bluetooth with the device in iGPSPORT APP.(iGPSPORT APP > Home > Add device or iGPSPORT APP > Device > Add device)

● BSC100 Bluetooth icon 🚵 lights up means it is connected and paired.

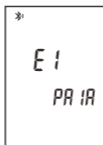● After the phone is paired successfully, the device and the phone will automatically connect with Bluetooth.If pairing fails midway, you can try to restart the mobile phone Bluetooth, app or cycling computer for pairing again.

Note:

● BSC100 Bluetooth icon 🚵 ends flashing means that it has paired the phone but is not connected.
● If you want to pair another smartphone, you can do the following actions:

1) Press and hold right button to enter the setting mode.
2) Press left button to remove pairing with the smartphone when E1 flashing. the device will restart if you remove pairing successfully.
3) BSC100 Bluetooth icon 🚵 flashes means it is searching.
4) Open the iGPSPORT APP to pair the device with another smartphone.

1.5 BASIC INFORMATION CONFIGURATION

1.5.1 Setting Time Zone
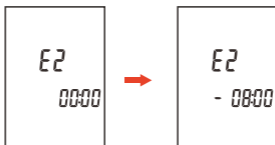
1) Press and hold right button to enter the setting mode.
2) In the setting mode, press right button to scroll from E1 to E5.
3) Press left button to enter E2 mode when E2 flashing.
4) Press left button to change digits of hour and minute, press right button to change value.
5) Press and hold right button to save and exit.

Note：

● Default time zone: UTC/GMT+00:00(Please set the local time zone).

● The setting will be automatically saved if no operation in 10 seconds.

1.5.2 Searching and connecting sensors

BSC100S can be connected with ANT+ and Bluetooth sensor including：heart rate monitor,speed sensor、cadence、speed combined sensor、power meter.

1) Wake up sensors near the device.

2) Press and hold right button.

3) In the setting mode, press right button to switch mode and press left button to enter E3 mode when E3 flashing.

4) The device will search for and connect sensors automatically.

5) When sensors are connected, the icons will light up.

6) Device will exit searching sensors mode in 20 seconds.

Note：

● Device will disconnect sensors that have been connected when searching sensors.

● Device will automatically connect the sensors that have been connected after being woken up.

● It is required to search for the sensor again after battery is replaced.

● You can manually search for and connect sensors in iGPSPORT APP if there are too many sensors nearby. (iGPSPORT APP > Device > Sensor)

1.5.3 Setting the wheel circumference

Please set the wheel circumference if you use a speed sensor.

Default wheel circumference: 2096mm

1) Press and hold right button to enter the setting mode.

2) In the setting mode, press right button to switch mode and press left button to enter E4 mode when E4 flashing.

3) Press left button to change numerical digits, press right button to change numerical value.

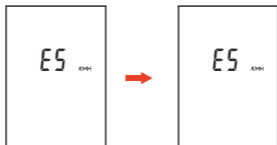4) Press and hold right button to save and exit.

Note：

● The setting will be automatically saved if no operation in 10 seconds.

● You can set the wheel circumference in iGPSPORT APP.(iGPSPORT APP > Device > Sensor > select a saved speed sensor)

Common wheel size and circumference：

Wheel Size	L (mm)	Wheel Size	L (mm)
26×1.40	2005	650×35A	2090
26×1.50	2010	650×38A	2125
26×1.75	2023	650×38B	2105
26×1.95	2050	700×18C	2070
26×2.00	2055	700×19C	2080
26×2.10	2068	700×20C	2086
26×2.125	2070	700×23C	2096
26×2.35	2083	700×25C	2105
26×3.00	2170	700×28C	2136
27×1	2145	700×30C	2170
27×1-1/8	2155	700×32C	2155
27×1-1/4	2161	700C Tubular	2130
27×1-3/8	2169	700×35C	2168
29×2.1	2288	700×38C	2180
29×2.2	2298	700×40C	2200
29×2.3	2326		

1.5.4 Setting metric and imperial units

Default unit: metric (kilometer)

1) Press and hold right button to enter the setting mode.

2) **In** the setting mode, press right button to switch mode and press left button to enter E3 mode when E3 flashing.

3) Press right button to switch metric (kilometer) and imperial (mile) unit.

4) Press and hold right button to save and exit.

Note:

● The setting will be automatically saved if no operation in 10 seconds.

● You can set the metric and imperial units in iGPSPORT APP. (iGPSPORT APP > Device > Unit)

1.6 INSTALLATION OF STANDARD BIKE MOUNT

Use the included rubber bands to attach the standard bike mount to the bike stem.

1) Place the rubber disk on the back of the standard bike mount.

2) Select a suitable position on the bike stem to place the rubber disk and the standard bike mount.

3) Use two rubber bands to bypass the bike stem respectively, hook the buckle of the bike mount and fix it on the bike stem.

4) Align the tabs on the back of the device with the standard bike mount notches.

5) Place the cycling computer on the base and rotate it 90 degrees.
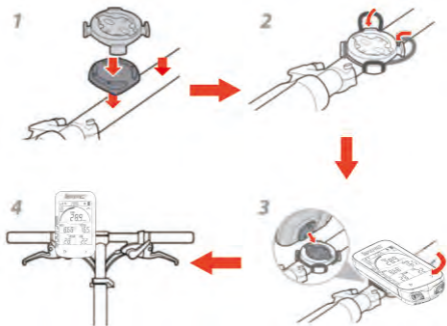
Note:

● You can also use the out-front bike mount（iGPSPORT M80/S80）to install cycling computer.

● It is recommended that you use the official standard bike mount or out-front bike mount of iGPSPORT to avoid damaging the buckle of cycling computer.

2.GO FOR A RIDE

2.1 BASIC FUNCTION

2.1.1 Locate satellites

1) Please make sure device is under a clear view of the sky.

2) Remain stationary when acquiring satellite signals. Usually it may take 5 to 120 seconds to locate satellite signals.

3) BSC100S's Satellite signals icon ▂▃ ends flashing means it locates satellite signals successfully.

4)The time and date will be calibrated automatically after locating satellite signals, and if the time is wrong you can go to E2 mode to set the time zone manually.

2.1.2 Start to ride

1) Press left button to start this activity, the record icon ▶ lights up.

2) Press right button to switch data pages.

3) And then press left button to pause this activity, the pause icon ▌▌ lights up.

4) Finally press and hold right button to save activity, and the activity will be saved successfully after the screen flash three times.

Note:

● pause icon ▌▌ flash,it means that Pause manually，pause icon ▌▌ not flash means auto pause.

● If you find the pause icon ▌▌ when moving,it means that cycling computer is in pause rather not recorded, keep riding to start to record.

● If you find the pause icon ▌▌ and speed flash when moving, it means that cycling computer is in pause rather not recorded, and you can press left button to start to record.

● The pause automatically function is turned on by default after factory, and you can change it in iGPSPORT APP.

2.2 ADVANCED FEATURES

2.2.1 Lap counting

1) Open the iGPSPORT APP and select Device > Cycling computer Configuration > Functions of keys configuration > Lap to turn on manual lap counting function.

2) The LAP icon ⌴ display on the right side on the screen of the device.

3) Press the left button to count a lap while recording. At the same time, the lap data will be displayed on the screen for 10 seconds. And then press any button to cancel the lap data display.

4) Open the iGPSPORT APP and select Device > Cycling computer Configuration > Automatic lap counting to turn on automatic lap counting function.

Note：

● Display ⌴ when not set auto Automatic lap counting or manual lap counting function.

2.2.2 Pause automatically / Start to record automatically

1) Open the iGPSPORT APP and select Device > Cycling computer Configuration > Pause automatically / Start to record automatically to turn on or turn off this function.

2) Pause automatically function is turn on by default.

2.2.3 Warning reminder

1) Open the iGPSPORT APP and select Device > Cycling computer Configuration > Warning reminder to turn on Warning reminder function.

2) The warning reminder field Will flash three times on the screen when the warning reminder data exceeding the set value.

2.2.4 Syn and view cycling data

After you complete and save an activity with your BSC100S，you can upload that activity to iGPSPORT APP and store it.

If your cycling computer was connected with the corresponding sensors,
You can view more detailed information about your activity in iGPSPORT APP，
including time, distance, elevation, calories burned, cadence,heart rate, an overhead map view, speed charts,and customizable reports.

2.2.5 Smart backlight

Backlight turns on before sunset and turns off after sunrise automatically.
Backlight will turn off and the device will sleep automatically when there is no operation and no record for 5 minutes.
Short press any button to wake up the backlight for 30 seconds When backlight will turn off.

3.OTHER INFORMATION

3.1 BATTERY

Battery type	Rechargeable, built-in lithium-ion battery
Battery life	About 40 hours, typical usage
Operating temperature range	-10℃~ 50℃ (14°F~122 °F)
Charging temperature range	0℃~45 ℃ (32°F~113 °F)
Input	DC5V, 500mA
Charging time	1.5 Hours

Note：

- Please use DC 5V power adapter for charging.

- As the temperature drops, the battery life will decrease.

- support charging during use.

- Do not overstretch the USB plug for keeping waterproof and dustproof.

3.2 FACTORY RESET

1)Turn off the device.
2) Connect the device to a power adaptor or computer by USB cable。
3)Press and hold left button and right button at the same time until "FA" displays on the screen.
4) Disconnect the device to power adaptor, "OH" displays on the screen means it factory reset successfully.

Note:
Factory reset will reset configuration, remove pairing Bluetooth, clear out all data and odometer,Please backup active files before factory reset.

3.3 SPECIFICATIONS

Location	GPS, BeiDou, GALILEO,GLONASS,QZSS
Screen	2.6 inch
Weight	About 67g
Physical dimension	86.7x51x14.9mm
Waterproof	IPX7
Memory	About 250 hours
Interface	TYPE-C USB
Wireless transmission	Bluetooth 5.0 Support connecting to smartphone and sensor

3.4 STANDARD PACKAGE

- BSC100S x1
- User manual x1
- Standard Bike Mount x1

3.5 CONTACT US

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Disclaimer:
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WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliancecould void the user's authority to operate the equipment.

NOTE: 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 against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body:

Use only the supplied antenna.

FCC ID:2AU4M- BSC100

SPECIFICATIONS:

Operating Temperature:-10°~50°C