



Speed

- Current Speed
- Average Speed
- Max Speed

Distance

- Trip Distance
- Odometer

Time

- Ride Time
- Total Time
- 12/24 hr Clock
- Timer

Cadence

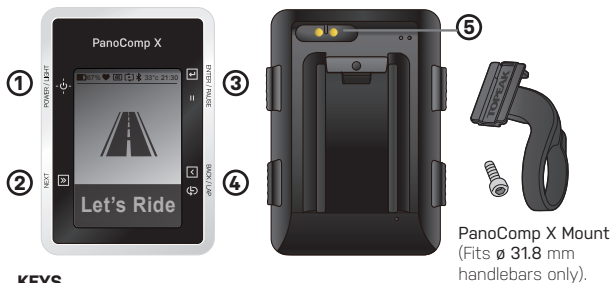
- Current Cadence
- Average Cadence
- Max Cadence

Heart Rate

- Current Heart Rate
- Average Heart Rate
- Max Heart Rate
- Heart Rate Max Limit Alarm

Other

- Customize Display
- Temperature
- Grade
- Altitude (Barometer)
- Calories
- Training
- Remote Display
- Backlight
- Incoming Call Alert
- Export ride data to Strava
- Auto Pause
- Battery Indicator



KEYS

①		Press to turn the computer on. Press and hold for 2 sec to turn off. Press to switch on/off the backlight.
②		Select to view the setup menu.
③	 	Select to enter and confirm. Press to pause riding.
④	 	Return to the previous page. Select to mark a new lap.
⑤		MagUSB Charge Port.

Home Screen Overview

Icons show battery level and connectivity.

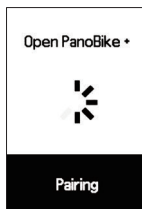
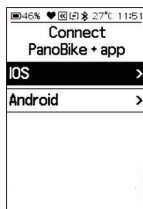
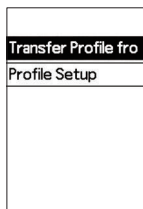
67%	Power indicator.
	Charging
	Heart Rate sensor connected.
	Speed sensor connected.
	Cadence sensor connected.
	Speed/cadence sensor connected.
	Smartphone connected.

1. Start PanoComp X

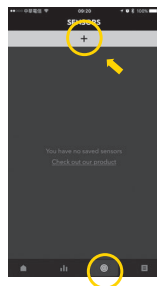
Setting in PanoBike+ app or in PanoComp X, see section 3.3 on how to pair PanoBike+ app to PanoComp X.

1.1 Settings from PanoBike+ app :

- Debut screen > Select language > transfer profile from PanoBike+ app. > Select system : iOS or Android



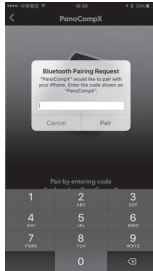
- Turn on Bluetooth mode on your smartphone.
- Turn on PanoBike+ app, tap the "Sensors" (📍) icon, tap the "+" symbol to start the pairing process.



- Smartphone:
(iOS device) Enter pairing code displayed on PanoComp X into smartphone.
(Android device) Enable location function before pairing PanoComp X with PanoBike+ app.
- After pairing is complete, PanoComp X will return to the Let's Ride screen.



(iOS device)



NOTE

If PanoBike+ app pairing is skipped at PanoComp X start screen, after profile setup, proceed to: Settings > Bluetooth > Select system : iOS or Android

1.2 Settings in PanoComp X :

For additional information, see section 3.6 "System Settings" for more information.

- Debut screen > Select language > profile setup.
- Click Profile Setup:

Key sequence for operations below

NEXT to cycle selection. **ENTER** to confirm selection.

1. Set Year:

Repeat sequence to set and confirm remaining year information.

2. Set Month/Day:

Repeat sequence to set and confirm correct date.

3. Set Clock Mode:

Cycle between 12hr and 24hr mode, then confirm clock mode.

4. Set Time:

Repeat sequence to set and confirm correct time.

5. Set Gender

6. Set Birth Year:

Repeat sequence to set and confirm remaining year information.

7. Set Measurement Units:

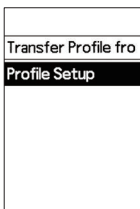
Cycle between Metric and Imperial, confirm selection.

8. Set Height:

Repeat sequence to complete height setting.

9. Weight :

Repeat sequence to complete weight information.



2. Start Ride

- Press **POWER** to turn on PanoComp X.
- Select the riding mode.



2.1 Three user customizable screens.

SPEED	
15.8 <small>km/h</small>	
DURATION	
0:54:41	
CADENCE	
60 <small>rpm</small>	
TEMP.	DISTANCE
23°C	14.6 <small>km</small>

Screen 1

SPEED	
15.8 <small>km/h</small>	
DISTANCE	
14.94 <small>km</small>	
DURATION	
0:55:42	
TEMP.	
23°C	

Screen 2

TIME OF DAY	
5:07:35	
GRADE	
0.0 %	
ALTITUDE	
160 <small>m</small>	

Screen 3

NOTE

To modify your customizable screens, see Section 3.1.1 "Customizing the Data Pages" for more information.

2.2 Pause

- If Auto Pause is set to off, press **PAUSE** when you want to suspend recording your ride. This is helpful at stoplights, rest stops or when you need to maintain your bike during a ride.



- Ride recording is automatically paused if motion is not detected when Auto Pause is set to on.

Press **ENTER** to resume recording your ride or press **NEXT** to cycle between selections and press **ENTER** to confirm your selection.

Duration: 0:57:25
Distance: 15.3 km
Pause
Resume
Save Ride
Discard Ride

2.2-1 "Save Ride"

If you select **Save Ride**, a summary of your ride will be displayed and the ride data will be saved. Press any button to return to the Let's Ride screen.


Ride Summary	
Duration:	0:57:25
Distance:	15.3 km
	16 km/h
	409 cal
	69 m

2.2-2 "Discard Ride"

If you select **Discard Ride**, your ride data will be deleted and cannot be retrieved. Ensure you want to confirm this action as it is immediate.

2.3 Lap

Click **LAP** to record lap times.

SPEED	
15.8	km/h
DURATION	
0:54:41	
LAP 1	
	00:13:35
	5.00 km

3. Setting Your PanoComp X

3.1 Ride Settings

1. Customize Display
2. Auto Pause
3. Back Light
4. Lap

3.2 Connect Sensor

1. Find Additional Sensors

3.3 Bluetooth

1. Connect PanoBike+ app
2. Notification
3. Forget Device

3.4 Tones

1. Key Tones
2. Warning Tones

3.5 Profile

1. Gender
2. Height
3. Weight
4. Birth Year
5. Max.Heart Rate

3.6 System

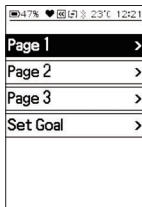
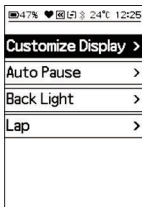
1. Language
2. Time
3. Unit
4. Barometer
5. Factory Reset
6. Version



3.1 Ride Settings

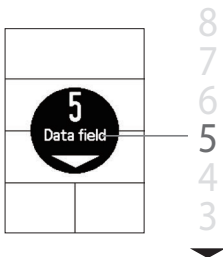
3.1.1 Customizing the Data Pages

- Settings > Ride Settings > Customize Display
- Press **ENTER** to select page to customize.



3.1.1.2 Data field

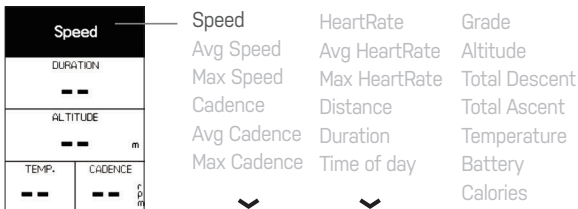
- Press **NEXT** to choose number of fields to display on customized page.
- 3 to 8 fields can be selected.
- Press **ENTER** to confirm number of fields to display.



3.1.1.3 Select and customize each data field

19 different data metrics.

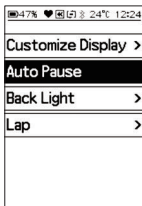
- Press **NEXT** to cycle through fields to customize.
- Press **ENTER** to select field.
- Press **NEXT** to cycle through data metric to display.
- Press **ENTER** to confirm data metric to display.
- Repeat sequence above until chosen fields are customized.
- Press **BACK** to return to previous screen.




3.1.2 Auto Pause

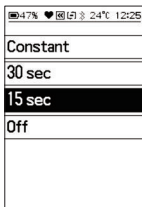
When Auto Pause is engaged, PanoComp X will automatically pause timer when bike stops. Timer will restart once movement is detected.

- Settings > Ride Settings > Auto Pause > On / Off.
- Press **NEXT** to cycle between options.
- Press **ENTER** to select option.
- Press **BACK** to return to previous screen.



3.1.3 Back Light

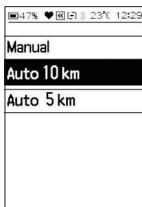
- At any time, press  to turn on the back light.
- Settings > Ride Settings > Back Light > Constant / 30 sec / 15 sec / Off.
- Press **NEXT** to cycle through options.
- Press **ENTER** to select option.
- Press **BACK** to return to previous screen.



3.1.4 Lap

Switch on auto lap function, PanoComp X will put a lap mark by setting distance automatically, which helps riders to compare and analyze performance.

- Settings > Ride Settings > Lap > Manual / Auto 10 km / Auto 5 km.
- Press **NEXT** to cycle through options.
- Press **ENTER** to select option.
- Press **BACK** to return to previous screen.

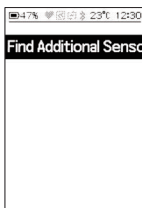


3.2 How to Connect Sensors

3.2.1 Connect with speed & cadence sensor

Turn on sensors to prepare for pairing. If PanoComp X receives a signal from the sensor, the sensor will be displayed on the scan list.

- Turn on Bluetooth device. Distance between sensor and PanoComp X should be less than 1m(3ft) when pairing.
- Settings > Connect sensor > additional sensor > select the sensor.
- Press **ENTER** to scan for sensors. After sensors are detected, press **NEXT** to cycle to sensor to add.
- Press **ENTER** to confirm.



3.2.1.2

Set wheel size

Access wheel size settings screen:

Settings >

Connect Sensor >

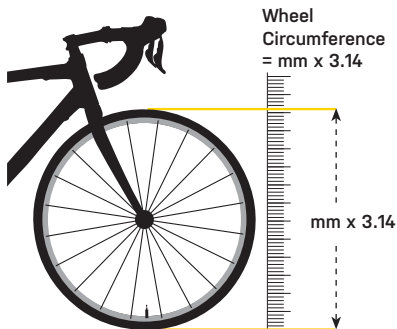
(Sensor Name) >

Set Wheel Size.

- Press **NEXT** to cycle digits.
 - Press **ENTER** to confirm selection.
- Repeat sequence until wheel size is confirmed.

DETERMINE WHEEL CIRCUMFERENCE

METHOD A) measure wheel circumference.

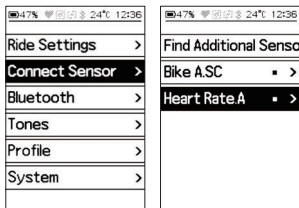


METHOD B) Choose from wheel circumference data below.

Tire Size Designation	Wheel Circumference	Tire Size Designation	Wheel Circumference		
40-305	16x1.50	1185	650C Tubular	1920	
47-305	16x1.75	1195	20-571	650x20C	1938
34-305	16x2.00	1245	23-571	650x23C	1944
40-355	18x1.50	1340	25-571	650x25C	1952
47-355	18x1.75	1350	57-584	27.5x2.25(650B)	2217
40-406	20x1.50	1490	60-584	27.5x2.35(650B)	2230
47-406	20x1.75	1515	700C Tubular	2130	
47-507	24x1.75	1890	20-622	700x20C	2086
50-507	24x2.00	1925	23-622	700x23C	2096
40-559	26x1.50	2010	25-622	700x25C	2105
47-559	26x1.75	2023	28-622	700x28C	2136
50-559	26x1.95	2050	30-622	700x30C	2146
54-559	26x2.10	2068	32-622	700x32C	2155
56-559	26x2.20	2083	35-622	700x35C	2168
38-622	700x38C	2180	54-622	29x2.10	2288
56-622	29x2.00	2272	57-622	29x2.25	2320

3.2.2 Connect with heart rate sensor

- Moisten the belt contacts and wear to connect heart rate sensor. Distance between sensor and PanoComp X should be less than 1m(3ft) when pairing.
- Connect sensor > additional sensor > select the device.



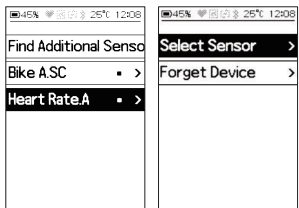
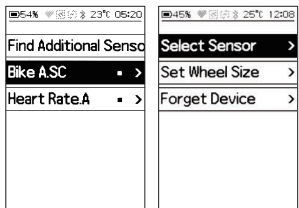
NOTE

- Distance between sensors and PanoComp X should not exceed 1m(3ft) when pairing.
- Keep at least 10m(33ft) away from other sensors while pairing.

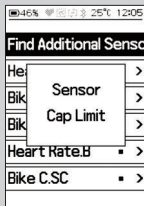
3.2.3 Select the sensor

If you have more than one sensor, please select the one you want to be default.

- Connect Sensor > Select the sensors.
- "■" icon shows the sensors in use.
- Supports maximum 5 sensors.



- If 5 sensors are already paired and "Find Additional Sensors" is selected, a "Pairing Sensor Full" warning screen will display.

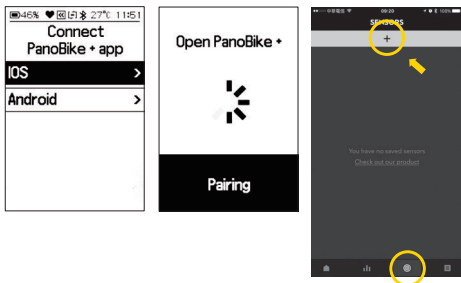


3.3 How to pair your PanoBike+ app

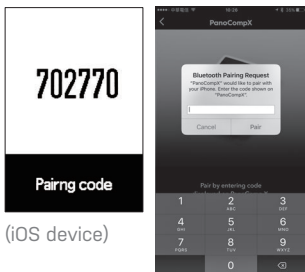
PanoComp X supports PanoBike+ app, provides personal settings info, incoming call alerts, data uploads, firmware uploads.

3.3.1 Settings > Bluetooth > Select system : iOS or Android

- Turn on Bluetooth mode on your smartphone.
- Turn on PanoBike+ app, tap the "Sensors" (🌀) icon, tap the "+" symbol to start the pairing process.



- Smartphone:
(iOS device) Enter pairing code displayed on PanoComp X into smartphone.
(Android device) Enable location function before pairing PanoComp X with PanoBike+ app.



(iOS device)

3.3.2 Connection to PanoBike+ app (PHONE NOTIFICATION)

- PanoComp X must be paired with PanoBike+ app (See Section 3.3 for more information).
- If smartphone is within PanoComp X Bluetooth range 10m(33ft) while PanoComp X is recording a ride or paused, a "Receiving Phone Call" alert will display and the computer will beep.

Turn on/off incoming call on PanoComp X

- Settings > Bluetooth > Notification > On or Off.



3.3.3 Repair PanoBike+ app

- If PanoComp X is connected to Phone A, delete its connection with PanoBike+ app, then repair with new connection to Phone B.

Delete the connection between PanoComp X & smartphone

- The connection between smartphone, PanoComp X, and PanoBike+ app needs to be deleted.
- PanoComp X: Settings > Bluetooth > Forget Device > Yes or No.

• Smartphone:

(Android device) :

From system settings, delete PanoComp X connection with Bluetooth.

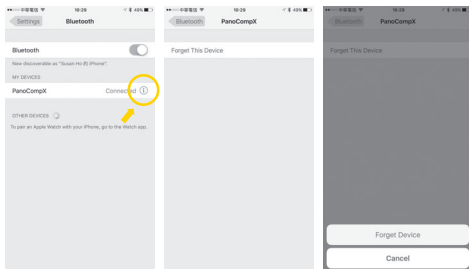
(iOS device) :

Settings > Bluetooth > PanoComp X > Forget Device.

- **PanoBike+:** SENSORS > PanoComp X > DELETE SENSOR.



PanoComp X:
Settings > Bluetooth > Forget Device.



- Smartphone:
(Android device) From system settings, delete PanoComp X connection with Bluetooth.
(iOS device) Settings > Bluetooth > PanoComp X > Forget Device.



PanoBike+:
SENSORS > PanoComp X > DELETE SENSOR.

3.4 Tones

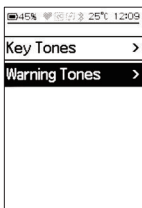
- Settings > Tones > Key Tones / Warning Tones.
- Sub menu selections On / Off.

1. Key Tones : On / Off.

2. Warning Tones :

- Max. Heart Rate
- Max. Cadence
- Min. Cadence
- Timer

NOTE: When limits set for these metrics are reached, an alert screen will display and a beep will be heard.



3.5 Profile

Setting up your user profile.

- Settings > Profile.

Set your gender, height, weight, age (by birth year), and max heart rate settings. The device uses this information to calculate accurate ride data.



3.6 System settings

Key sequence for operations below

NEXT to cycle selection.

ENTER to confirm selection.

• Settings > System.

1. Language : Select language.

2. Time : **Set Year**: Repeat sequence to set and confirm year.

Set Month/Day: Repeat sequence to set and confirm date.

Set Clock Mode: To cycle between 12hr and 24hr mode, then confirm clock mode.

Set Time: Set correct time.




3. Unit : Select between Metric and Imperial.

4. Barometer : Calibrate: Key in altitude manually.

Auto Calibrate : The system will calibrate automatically.

5. Factory Reset : Select to delete all records and reset settings in PanoComp X to factory defaults.

6. Version : Check the current version.

45%    25°C 12:09
Language >
Time >
Unit >
Barometer >
Factory Reset >
Version >



4. History

Ride record management

Ride records include sensors and settings information in PanoComp X and should be uploaded to PanoBike+ app regularly.

4.1 Totals

4.2 Rides

4.3 Ride Archive

4.4 Delete Data

1. Trip
2. All Data

In History mode, you can review the following information recorded to date.

4.1 Total


- RIDES
- DISTANCE/(UNITS)
- DURATION
- CALORIES BURNED

Press **NEXT** to access second screen

- PERSONAL BEST
- DISTANCE/(UNITS)
- DURATION
- CALORIES BURNED

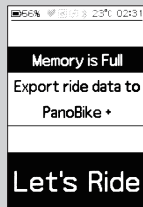


RIDES
35
DISTANCE/KM
2966.48
DURATION
183:36:43
CALORIES BURNED
157056

PERSONAL BEST 
DISTANCE/KM
449.84
DURATION
14:14:06
CALORIES BURNED
12343

IMPORTANT NOTE

PanoComp X can store up to 100hrs of ride data. When memory is nearly full, an alert screen "Memory is Full" will display. When data exceeds memory capacity, ALL ride data will be automatically erased. To prevent inadvertent loss of desired data, upload rides to PanoBike+ app or delete unwanted rides to free up space.



4.2 Rides

- Individual Rides

Press **NEXT** to scroll through individual rides.

Press **ENTER** to select ride.

- Summary - Check all data for single record

Press **ENTER** to display detail information.

Press **NEXT** to scroll through screens.

- LAP: Detailed Lap Information

• Heart Rate Zone : Check Heart Rate zone (with DuoBand heart rate sensor).

Detailed Heart Rate Information.

Summary >
LAP >
Heart Rate Zone >

16.04.2017	13:52
Duration 7:04:56	
Distance 78.42 km	
Avg. Speed 21 km/h	
Max. Speed 48 km/h	

Summary

16.04.2017	13:52	
LAP 1	10.00km	35:38
LAP 2	10.00km	24:01
LAP 3	10.00km	26:25
LAP 4	10.00km	11:32:19
LAP 5	10.00km	56:11

Lap

Maximum	181 BPM
Average	115 BPM
Zone 5	1%
Zone 4	2%
Zone 3	11%
Zone 2	41%
Zone 1	43%

Heart Rate Zone

Heart Rate zone using manual

PanoBike+ app > Settings > Zones > Heart Rate Zones.

Zone5 - 95~100%

You should only train in this zone if you are very fit, and only for very short periods of time. Lactic acid develops quickly as you are operating in oxygen debt to the muscles. The value of training in this zone is to train your fast twitch muscle fibers which develop top-end speed.

Zone4 - 88~95%

Anaerobic workouts involve faster, more explosive movements that require immediate energy reserves. Hence anaerobic workouts tend to burn more calories from carbohydrates than fat.

Zone3 - 77~88%

Aerobic endurance is the ability of the body to perform repetitive movements for a long period of time. This is the preferred zone if you are training for an endurance event. In this phase, more calories are burned from fat and carbohydrate.

Zone2 - 65~77%

This zone provides the same benefits as the Aerobic zone, but is more intense and in which you use fat and carbohydrates as fuel. 85% of calories burned in this zone are fats!

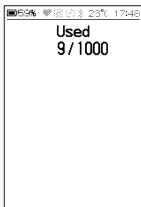
Zone1 - 50~65%

Training in this zone improves the ability of your heart to pump blood and improve the muscles' ability to utilize oxygen, which is the key to having a healthy heart or recovering after intense workouts in a low risk of injury.

4.3 Ride Archive

Number of rides archived (1000 maximum).

NOTE: If maximum number of rides has been reached, the oldest record will be overwritten. You can also delete unwanted ride information to free up archive space.



4.4 Delete Data

4.4.1 Trip

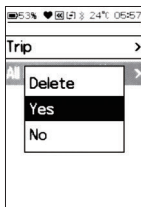
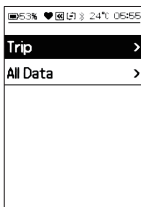
Press **NEXT** to scroll through individual rides. Press **ENTER** to select. Confirm you want to delete trip.



4.4.2 All Data

Press **ENTER** to select. Confirm you want to delete all data history. **IMPORTANT !**

Make sure you want to delete all ride data as it cannot be retrieved once deleted.



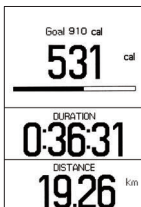
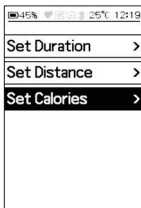
5. Set Goal

Setting a ride goal will show a percentage of goal in a bar graph on PanoComp X screen during ride.

5.1 Set Duration

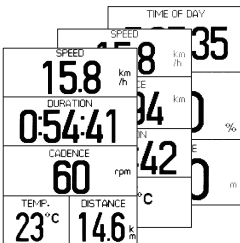
5.2 Set Distance

5.3 Set Calories



"Set Goal" screen.

"Main Goal" screen.



Press **NEXT** to access other information screens.

PanoComp X provides three training modes; Duration, Distance and Calorie Burn. Choose the type of training, and let PanoComp X will be your personal coach on the ride.

Training mode:

5.1 Set Duration Goal : Select this setting to input the number of minutes (1 - 999) you want to ride as a goal. When the time is reached, an alert screen with ride summary will display on the PanoComp X screen for 4 seconds and continue to record your activity until you press **ENTER** to pause the ride recording.

5.2 Set Distance Goal : Select this setting to input the number of miles or kilometers (1 - 999) you want to ride as a goal. When the distance is reached, an alert screen with ride summary will display on the PanoComp X screen for 4 seconds and continue to record your activity until you press **ENTER** to pause the ride recording.

5.3 Set Calories Goal : Select this setting to input the number of calories (1 - 8999) to burn you want as a goal. When the calories set is reached, an alert screen with ride summary will display on the PanoComp X screen for 4 seconds and continue to record your activity until you press **ENTER** to pause the ride recording.

• To Resume Recording Ride

Press **ENTER** to resume recording your ride.

• To Save Ride Data

Press **NEXT** to select "Save Ride", then press **ENTER** to confirm. A ride summary page will display until either **ENTER**, **BACK** or **NEXT** is pressed.

• To Discard Ride Data

Press **NEXT** twice to select "Discard Ride", then press **ENTER** to confirm. Once **ENTER** is pressed, the ride data is immediately deleted.

IMPORTANT!

Make sure you want to delete ride data as it cannot be retrieved once deleted.

6. Setting in PanoComp X

Bluetooth® Connection

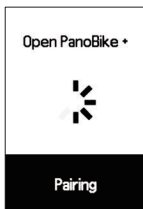
PanoComp X connects and transfers data with smartphone via Bluetooth Smart (BLE4.0). Bluetooth connected PanoComp X device displays Bluetooth connected features for your compatible smartphone or fitness device.

NOTE:

- Distance between sensors and PanoComp X should not exceed 1m(3ft) when pairing.
- Before pairing PanoBike+ app to PanoComp X, turn on "Bluetooth" in "Settings" on smartphone.
- Select **Settings > Select system : iOS or Android.**
- **Connect PanoComp X to PanoBike+ app:**

Please download and install Topeak PanoBike+ app from Apple App Store or GooglePlay to your smart device first.

- **Notification :** Switch on/off for incoming call notification.
- **Forget Device :** yes or no.





Works with iPhone 4s or above & devices with iOS 8 & above, or Android OS 4.4 & above with Bluetooth® Smart (BLE 4.0)

The ultimate cycling performance app just got better. The PanoBike+ has additional functionality that transforms your smartphone's powerful Bluetooth® Smart capabilities into a bike computer, personal trainer, health management, and social media upload device. The new PanoBike+ app can upload your ride details to Strava and share it on Facebook, and the Dual Mode Technology allows you to use either your smartphone during your ride, or use a compatible PanoComp X bike computer during your ride and sync your phone afterwards to upload and analyze your ride data. By combining the functions of an enhanced cycle computer and heart rate monitor (requires optional DuoBand Speed & Cadence Sensor and DuoBand Heart Rate Monitor) in a single app, you get the most out of your bike ride.



iOS 8 or above

(Download for Free)



Android OS 4.4 or above

(Download for Free)



7. How to update PanoComp X firmware

PanoComp X will indicate if a firmware update is available. Follow the on-screen instructions to update the firmware to ensure PanoComp X functions properly.

7.1 Connection to PanoBike+ app (FIRMWARE UPDATE)

1. PanoComp X must be paired with PanoBike+ app (See Section 3.3 for more information).
2. If new firmware is available, installation will be requested.

8. How to upload data to PanoBike+

Switch to PanoBike+ app home screen, then press the History icon (📊) and drag screen down to refresh page. PanoComp X will automatically upload ride data to PanoBike+ app that has not been previously uploaded.

8.1 PanoBike+ app connect to PanoComp X (UPLOAD)

8.1.1 PanoBike+ app should be paired with PanoComp X (See Section 3.3 for more information).

8.1.2 After saving ride on PanoComp X, a summary screen will display. Press any button to return to main screen, this will allow ride data to be uploaded to the PanoBike+ app.

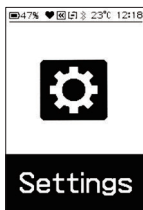
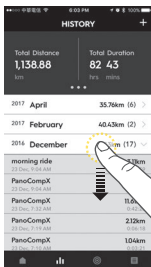
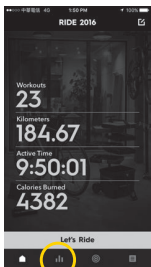
8.1.3 When PanoBike+ app and PanoComp X are paired, new ride data will automatically be uploaded when PanoBike+ app history page is refreshed.

8.1.4 When uploading ride data, PanoComp X will display percentage left to upload. PanoBike+ will display "Loading".

8.1.5 Each time PanoBike+ app and PanoComp X are paired, altitude data (based on barometric pressure) is loaded as standard value in PanoComp X.

NOTE:

Previously uploaded data will not be transferred again, only new records will be uploaded.



PanoComp X must display one of the four main screens to upload ride data to the PanoBike+ app.

9. Remote monitor mode

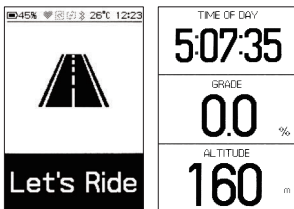
When PanoComp X is paired with the PanoBike+ app and you start recording your ride with the app, the PanoComp X screen will change to remote monitor mode automatically allowing you to save your smartphone battery. You can put your phone in a backpack or jersey pocket and view your ride information on PanoComp X.

NOTE : When using remote monitor mode, the PAUSE and LAP functions are inoperable on PanoComp X.

9.1 PanoBike+ app ride information to PanoComp X display (Remote monitor)

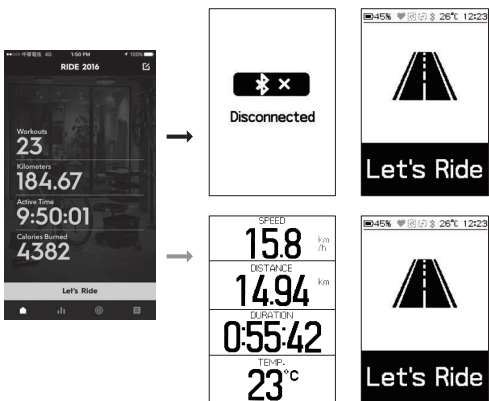
9.1.1 PanoBike+ app should be paired with PanoComp X (See Section 3.3 for more information).

9.1.2 When you use PanoBike+ app to start recording your ride, the remote monitor mode automatically starts and ride information is displayed on the PanoComp X screen.



9.1.3 When you stop recording your ride with the PanoBike+ app, the PanoComp X returns to the main screen automatically.

9.1.4 If the PanoBike+ app is disconnected from PanoComp X during a ride, a "Disconnected" alert screen is displayed on PanoComp X. Press any button to return to the main screen.

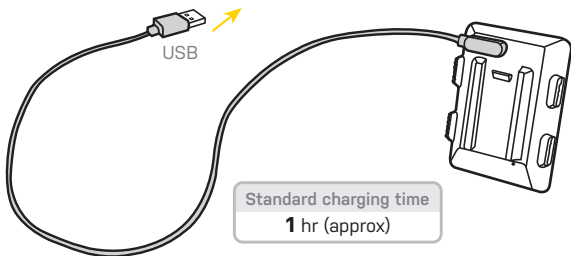


BATTERY CHARGING

Operation Time
up to **48 hr.**



Recharger via computer
USB port, USB charger, or
USB power bank.

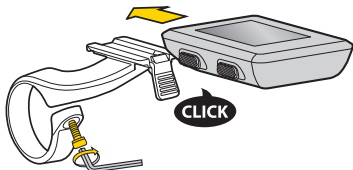


ATTENTION

1. PanoComp X can be charged while riding by using a portable USB power bank.
2. Automatic Shutdown:
PanoComp X will automatically shutdown after 10mins if no ride activity is detected in these modes: Let's Ride, Set Goal and Remote Monitor.

INSTALL PANOCOMP X ON HANDLEBAR MOUNT

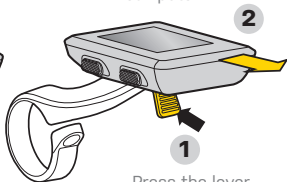
- 2** Install the computer.



- 1** Install the bracket
on the handlebar.

3 mm Allen Key
0.8 N·m

Release the
computer.



1 Press the lever.

FCC INFORMATION

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

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.

FCC Radiation Exposure Statement

* This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

* This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must be co-located or operating in conjunction with any other antenna or transmitter.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment

NCC INFORMATION

Administrative Regulations on Low Power Radio Waves Radiated Devices warning:

- Without permission granted by the NCC, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to an approved low power radio-frequency devices.
- The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; If found, the user shall cease operating immediately until no interference is achieved.
- The said legal communications means radio communications is operated in compliance with the Telecommunications Act.
- The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated devices.

WARRANTY

2-year Warranty: All mechanical components against manufacturer defects only. Batteries are not covered under any implied warranty.

Warranty Claim Requirements

To obtain warranty service, you must have your original sales receipt. Items returned without a sales receipt will assume that the warranty begins on the date of manufacture. All warranties will be void if the product is damaged due to user crash, abuse, system alteration, modification, or used in any way not intended as described in this manual.

* The specifications and design are subject to change without notice.

Please contact your Topeak dealer with any questions.

For USA customer service call : 1-800-250-3068

www.topeak.com

* Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

* iPhone is a registered trademark of Apple Inc.

* App Store is a service mark of Apple Inc.

 FCC ID : R3S-C02
MODEL : TPB-C02



CE

