CYCPLUS M2B

CYCPLUS M2B GPS Bicycle Computer User Manual

Model: M2B

Brand: CYCPLUS

1. INTRODUCTION

Thank you for choosing the CYCPLUS M2B GPS Bicycle Computer. This device is designed to provide cyclists with comprehensive and accurate data for an enhanced riding experience. Featuring a large, clear display, robust GPS capabilities, and extensive sensor compatibility, the M2B is an essential tool for both casual riders and serious athletes.

This manual provides detailed instructions on how to set up, operate, and maintain your CYCPLUS M2B bicycle computer to ensure optimal performance and longevity.

2. PRODUCT OVERVIEW

The CYCPLUS M2B is a high-performance wireless GPS bicycle computer offering a wide range of features to track and analyze your rides.

Key Features:

- **Large 2.5" Anti-Glare LED Screen:** Provides clear, easy-to-read data even in bright sunlight.

- **IPX67 Waterproof Rating:** Ensures reliable performance in various weather conditions, including rain.

- **Extended Battery Life:** Built-in 1100 mAh lithium battery offers up to 70 hours of continuous operation on a single charge.

- **Multi-GNSS Support:** Utilizes GPS, GLONASS, GALILEO, and BEIDOU for fast and accurate positioning.

- **Comprehensive Data Display:** Tracks up to 13 different data types, including speed (current, max,

average), distance, time, cadence, heart rate, power, altitude, gradient, and more.

- **ANT+ & Bluetooth 5.0 Connectivity:** Seamlessly connects with external sensors (cadence, heart rate, power meters) and syncs data to your smartphone via the XOSS APP for analysis and sharing on platforms like Strava.
- **Automatic Backlight & Awakening:** Enhances visibility and conserves battery.

Product Components:

Figure 2.1: Front view of the CYCPLUS M2B GPS Bicycle Computer.

The package includes the CYCPLUS M2B unit, a standard bike mount, and a USB-C charging cable. Additional sensors (cadence, heart rate, power) are sold separately.

Weight: 0.15lb / 69g

2.75in / 70mm 0.84in / 21.5mm 2.75in / 70mm

10s GPS Positioning	70h+ Battery Endurance	2.5" Large Screen
IPX6 Waterproof	Auto Backlight	ANT+ and Bluetooth

Figure 2.2: CYCPLUS M2B dimensions and a summary of its key features including 10s GPS Positioning, 70h+ Battery Endurance, 2.5" Large Screen, IPX6 Waterproof, Auto Backlight, and ANT+ & Bluetooth 5.0 connectivity.

3. SETUP

3.1 Mounting the Device

The CYCPLUS M2B comes with a standard bike mount for easy installation on your handlebars or stem.

1. Attach the mount to your bicycle's handlebars or stem using the provided rubber bands or zip ties. Ensure it is securely fastened and does not obstruct your view or controls.

2. Align the back of the M2B unit with the mount's grooves.

3. Twist the M2B unit clockwise until it clicks securely into place.

3.2 Initial Power On and GPS Acquisition

Upon first power-on, the device will search for GPS signals. For accurate positioning, ensure you are in an open, unobstructed environment.
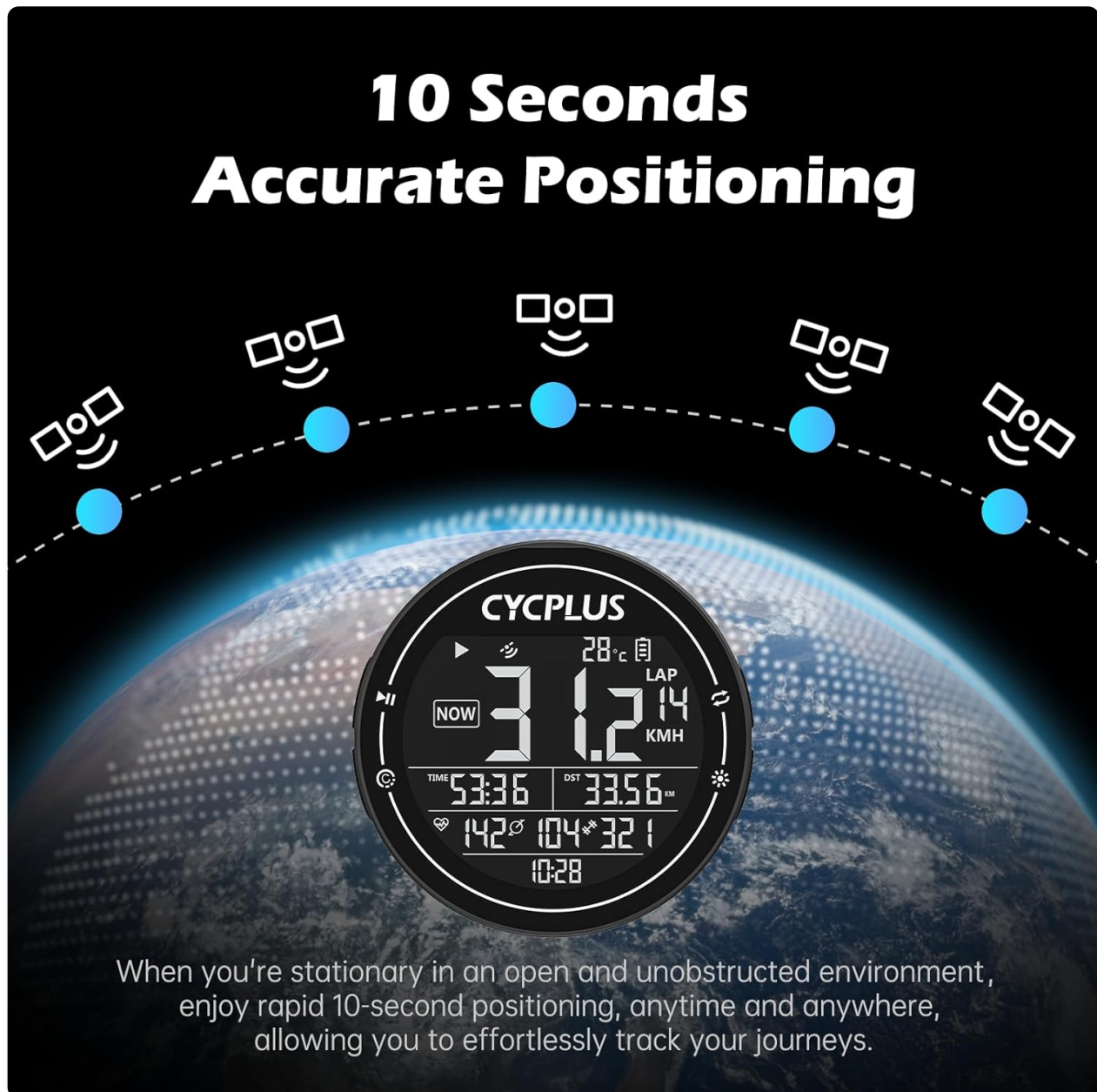

Figure 3.2: The CYCPLUS M2B quickly acquires GPS signals for accurate positioning.

The M2B supports multiple global navigation satellite systems (GNSS) including GPS, GLONASS, GALILEO, and BEIDOU for enhanced accuracy.

4. OPERATING INSTRUCTIONS

4.1 Displaying Ride Data

The M2B can display up to 13 different data types across 3 switchable screens. Press the left button to cycle through the data screens.

Figure 4.1: Overview of data metrics displayed on the 2.5" screen, including speed, time, distance, heart rate, cadence, and power.
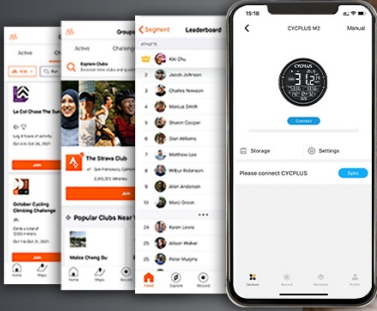
4.2 Sensor Compatibility and Connection

The M2B is compatible with ANT+ sensors such as heart rate monitors, speed sensors, cadence sensors, and power meters. Once paired, sensors will automatically connect when in range.

Figure 4.2: The M2B connects with various ANT+ sensors for comprehensive data tracking.

To connect ANT+ sensors:

1. Press the L1 button (left button) to start searching for ANT+ sensors.

2. Data from the sensor will appear on the screen once connected.

3. To unpair sensors, switch to the C9 page (refer to device interface for navigation) and press the left button to unpair all paired sensors.

4.3 Time Zone and Speed Unit Settings

Figure 4.3: Instructions for adjusting time zone and speed unit settings on the M2B.

Time Zone Setting:

1. Press the L1 button to start time zone setting.

2. Press the R1 button (right button) to modify the time zone.

3. Press the L1 button again to finish setting.

Speed Unit Setting:

1. Press the L1 button to start speed unit setting.

2. Press the R1 button to switch between KM/H and MPH.

3. Press the L1 button again to finish setting.

4.4 Automatic Backlight and Awakening

The M2B features an automatic backlight that adjusts based on ambient light conditions. It also has an auto-awakening function: after 10 minutes of no displacement or vibration, the device hibernates and will wake up automatically when movement is detected.

Figure 4.4: The M2B automatically adjusts backlight and wakes from hibernation.

4.5 Data Synchronization with XOSS APP and Strava/TrainingPeaks

The M2B can sync your ride data to your smartphone via Bluetooth 5.0 using the XOSS APP. From the XOSS APP, you can then upload your data to popular platforms like Strava and TrainingPeaks for detailed analysis and sharing.

Figure 4.5: The CYCPLUS FIT App (XOSS APP) allows for data synchronization and analysis.
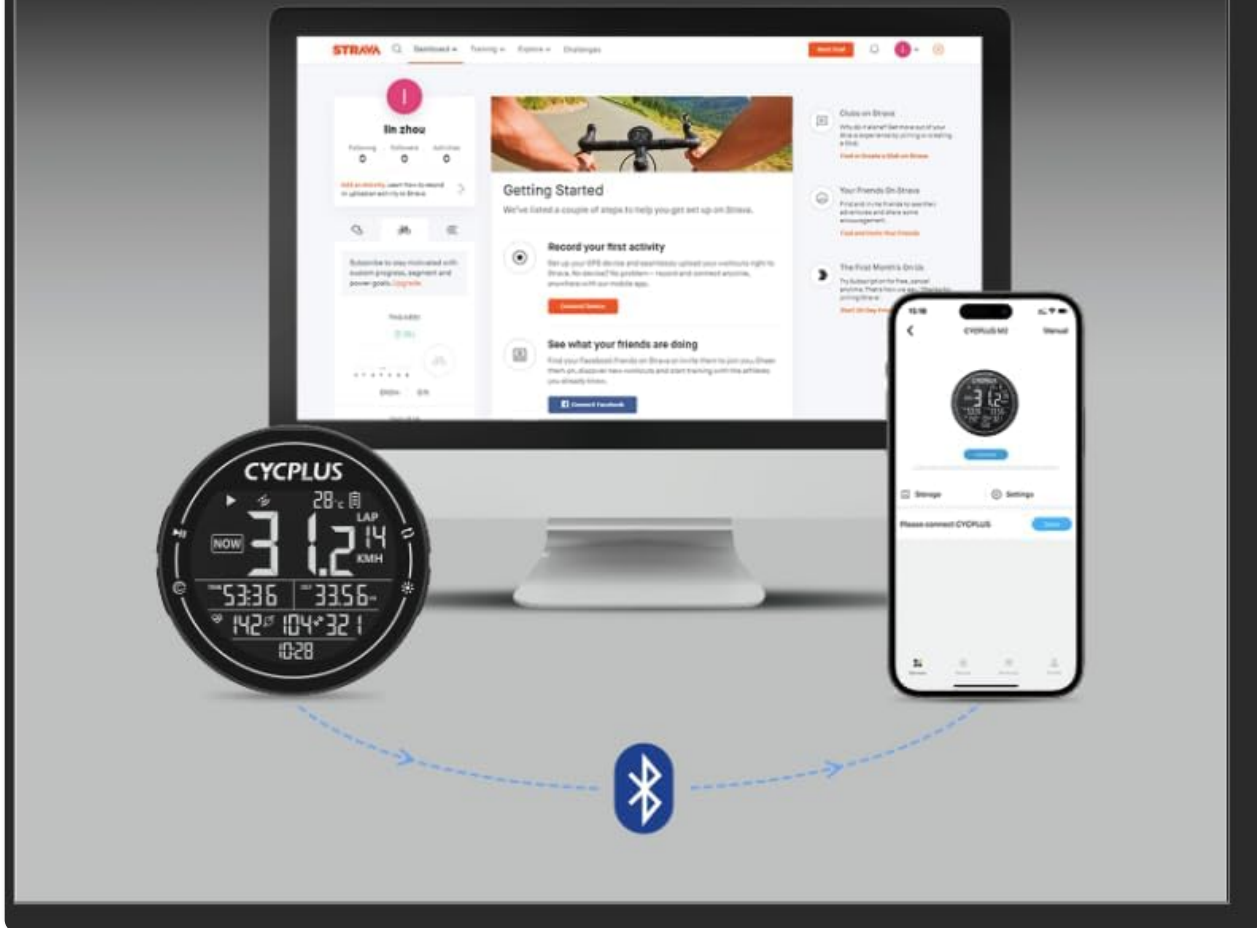
Figure 4.6: Syncing ride data from the M2B to Strava via the XOSS APP.

Steps to Sync Data:

1. Download the "XOSS" app from Google Play (Android) or App Store (iOS).

2. Sign in with your email.

3. Click your avatar and then select CYCPLUS M2.

4. Scan and select your bike computer (M2).

5. Once connected, you can synchronize your ride data.

5. Maintenance

5.1 Cleaning and Care

The M2B is IPX67 waterproof, meaning it can withstand splashes and rain. However, it is not designed for

submersion. To clean the device, wipe it with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.
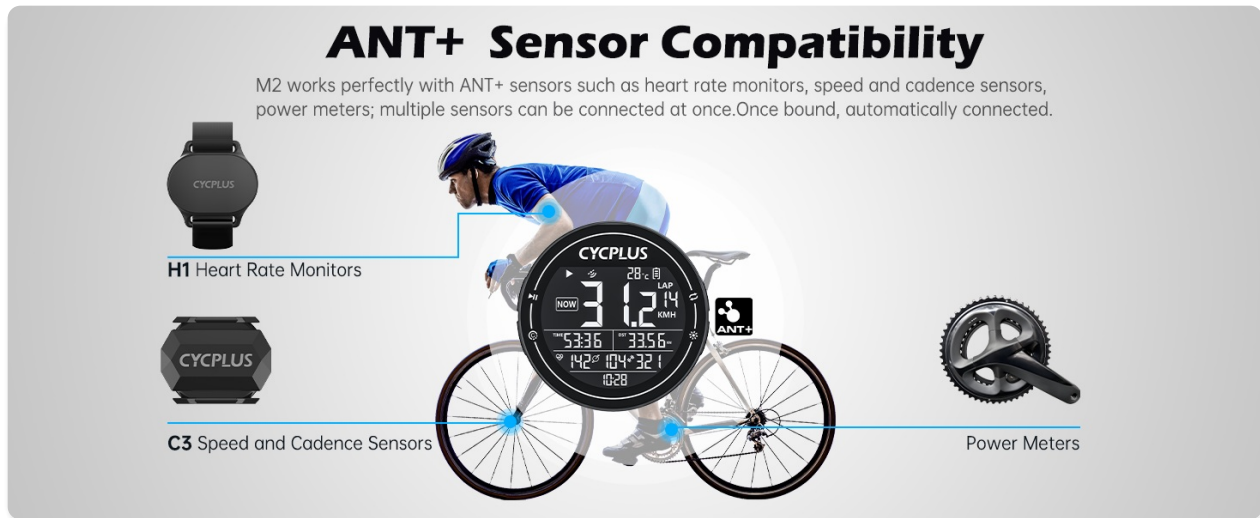
Figure 5.1: The M2B's IPX67 waterproof rating ensures durability in wet conditions.

5.2 Battery Charging

The M2B is equipped with a built-in 1100 mAh rechargeable lithium battery, providing up to 70 hours of continuous use. Charge the device using the provided USB-C cable connected to a standard USB power adapter (not included) or a computer USB port.
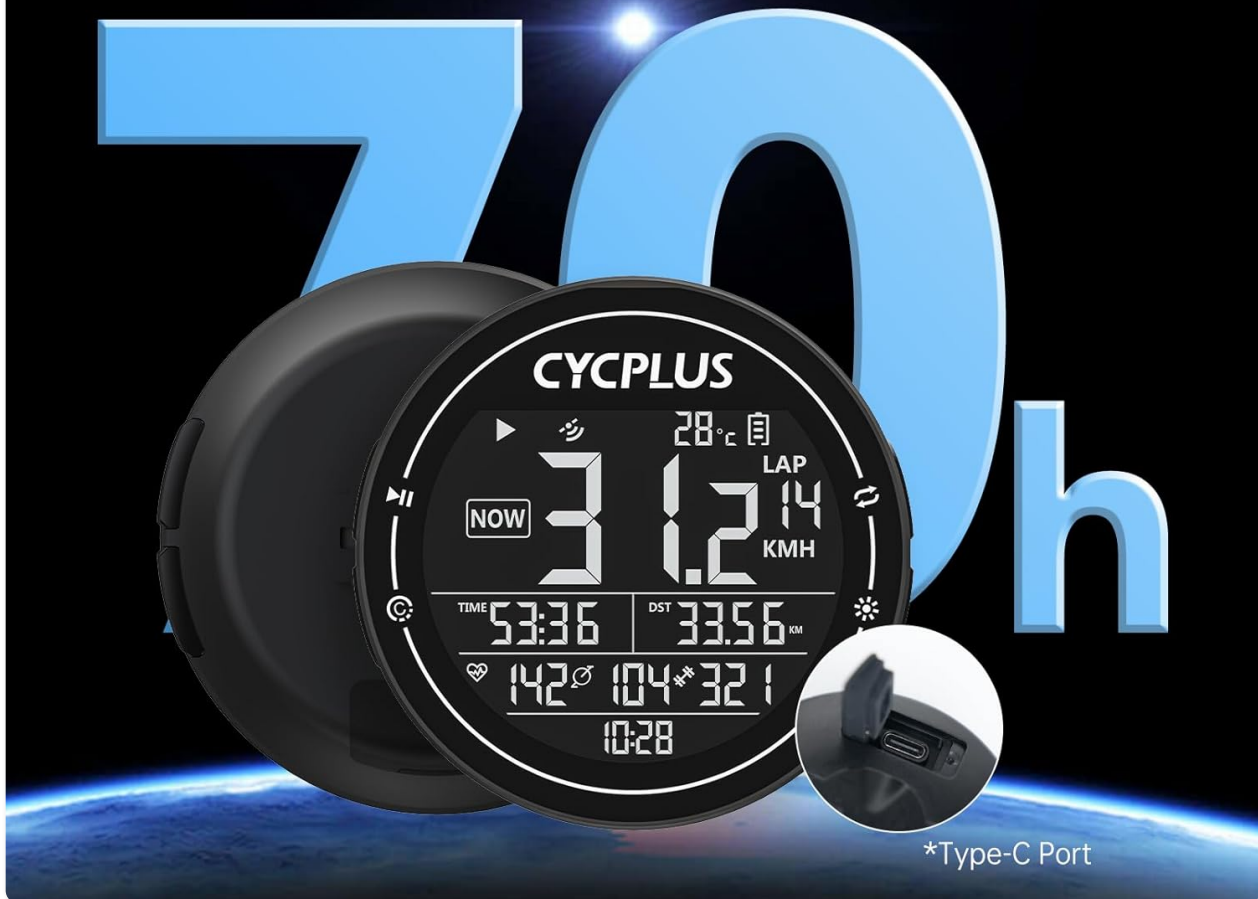
Figure 5.2: The M2B offers extended battery life for long rides.

Ensure the charging port is dry before connecting the cable.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device for at least 2 hours using the USB-C cable.

Problem	Possible Cause	Solution
GPS signal not acquired or inaccurate.	Obstructed view of the sky (indoors, dense forest, tall buildings).	Move to an open area with a clear view of the sky. Allow a few minutes for signal acquisition.
ANT+ sensor not connecting.	Sensor is off, battery low, or too far from the M2B. Sensor already paired with another device.	Ensure sensor is on and has sufficient battery. Bring sensor closer to the M2B. Try unpairing and re-pairing the sensor.
Data not syncing to XOSS APP/Strava.	Bluetooth is off on phone/M2B. XOSS APP not open or connected. Internet connection issues.	Ensure Bluetooth is enabled on both devices. Open the XOSS APP and ensure the M2B is connected. Check your internet connection.
Screen difficult to read.	Backlight off or insufficient.	Manually activate backlight if needed. Ensure auto-backlight is enabled.

7. SPECIFICATIONS

Feature	Detail
Model Number	M2B
Dimensions	6.9 x 6.9 x 2.2 cm (2.75 x 2.75 x 0.84 inches)
Weight	68 grams (0.15 lbs)
Screen Size	2.5 inches
Display Type	LCD
Battery Type	1 x Lithium Polymer (included)
Battery Capacity	1100 mAh
Battery Life	Up to 70 hours (Note: Product features also state 30+ hours)
Waterproof Rating	IPX67
Connectivity	ANT+, Bluetooth 5.0
GNSS Support	GPS, GLONASS, GALILEO, BEIDOU

Feature	Detail
Material	Plastic
Included in Box	M2B Unit, Mounting Kit, USB-C Cable

8. WARRANTY AND SUPPORT

CYCPLUS provides professional technical support for its products. Your CYCPLUS M2B GPS Bicycle Computer comes with a **one-year warranty** from the date of purchase.

For any technical assistance, questions, or concerns, please contact CYCPLUS customer support. Our team is available **24/7** to provide quick and efficient assistance.

Please refer to the official CYCPLUS website or your purchase documentation for specific contact details.

Related Documents - M2B

USER MANUAL GPS BIKE COMPUTER M1	[Cycplus M1 GPS Bike Computer User Manual and Setup Guide](#) Explore the Cycplus M1 GPS Bike Computer user manual. Learn about its features, installation, quick start, button functions, settings, app connectivity with XOSS, Strava, and TrainingPeaks, and detailed specifications for optimal cycling performance.
CYCPLUS Cyklistický počítač Cycplus M1	[Cycplus M1 Cycling Computer User Manual](#) Comprehensive user manual for the Cycplus M1 cycling computer, covering setup, features, connectivity, and maintenance. Learn how to use your device for tracking rides, connecting to apps like Strava, and understanding its specifications.

CYCPLUS

ᐧᐧ CYCPLUS M1
GPS Smart Cycling Computer
Quick Start Guide ▪▪▪▪▪▪▪▪▫▫
사용설명서

[CYCPLUS M1 GPS Smart Cycling Computer Quick Start Guide](#)
Quick start guide and user manual for the CYCPLUS M1 GPS Smart Cycling Computer, covering product components, mounting, features, usage, settings, app connectivity, data analysis, specifications, and warranty.

CYCPLUS
Cyklistický počítač Cycplus M2

[Cycplus M2 GPS Cycling Computer User Manual](#)
Comprehensive user manual for the Cycplus M2 GPS cycling computer, covering setup, operation, settings, connectivity with apps like XOSS and Strava, and safety information.

CYCPLUS
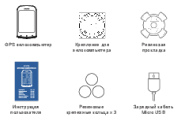GPS BIKE COMPUTER M1

[CYCPLUS M1 GPS Bike Computer User Manual](#)
User manual for the CYCPLUS M1 GPS Bike Computer, detailing its features, setup, operation, and connectivity with apps like XOSS and Strava.
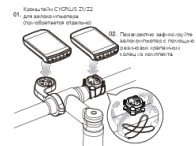
CYCPLUS
ИНСТРУКЦИЯ ПОЛЬЗОВАТЕЛЯ
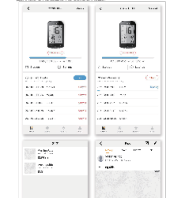GPS ВЕЛОКОМПЬЮТЕР M1

1.Комплектация

2.Виды крепления

3.Функции

4.Быстрый запуск

5.Обозначения данных

6.Кнопки

	Нажать	Удерживать
Левая ⏻	Включить *или* Начать / Остан. запись	Выключить
Средняя ○	Подсчет круга	Сохранить запись
Правая ◐	Сменить отображаемую информацию	Зайти/Выйти из настройки

7.Настройки

В настройке есть 6 страниц, удерживайте правую кнопку, чтобы зайти в настройку, нажмите правую кнопку, чтобы переключить страницы. Подробнее:

01. Поиск датчика ANT+ (C2)

02. Настройка длины окружности колеса (C3)

03. Настройка часового пояса (C4)

04. Настройка единиц измерения скорости (C5)

05. Настройка единиц измерения температуры (C6)

06. Сброс к заводским настройкам (C7)

8.Приложение

01. Скачайте XOSS и зарегистрируйтесь

02. Подключение компьютера M1

03. Подключение STRAVA/Training Peaks

04. Обновление данных и проверка анализа

[CYCPLUS M1 GPS Bike Computer User Manual](#)

User manual for the CYCPLUS M1 GPS bike computer, detailing features, setup, connectivity with XOSS app, Strava, and TrainingPeaks, and technical specifications.

9. Примечания

01. Зарядка батареи: При зарядке с помощью Type C индикатор батареи начинает загораться и начнет мигать, а затем перестанет мигать, указывая на то, что батарея полностью заряжена.

02. GPS-позиционирование: После нажатия левой кнопки для включения компьютера определение местоположения GPS включится автоматически и будает auto мигать около 35 секунд (в первый раз будет дольше).

03. Запись данных: Удерживайте левую кнопку для включения, нажмите левую кнопку, чтобы начать запись данных. Боенуте среднюю кнопку, чтобы сохранить запись после поездки.

04. Память: По окончании памяти компьютер перезапишет предыдущие записи в хронологическом порядке.

10. Характеристики

Размер экрана	2.9-дюймовый LCD
Габариты	90*53*20 mm
Вес	77,5г
Батарея	1100мАч 3,7 В
Режим зарядки	Micro USB
Объем памяти	160 часов
Время работы	30-35 часов
Время зарядки	Около 3,5 часа. Можно пользоваться во время зарядки
Соединение с приложением	Bluetooth 4.0
Периферийное соединение	ANT+
Поддерживаемые датчики	Датчик скорости, каданса, пульса, мощности
Влагозащита	IPX6 (выдержит дождь, но не держите долго под водой)

11. Производитель

Производитель:
Chengdu Chenduan Intelligent Technology Co., Ltd

Гарантия
12 месяцев
Почта для обращения по гарантии: support@medgadgets.ru

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