

BOIFUN MT01

BOIFUN Motorcycle Drive Recorder MT01 User Manual

MODEL: MT01

Welcome

Thank you for purchasing the BOIFUN Motorcycle Drive Recorder MT01. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. Please read this manual thoroughly before use and keep it for future reference.

Product Overview

Before you begin, please verify that all components are present in your package:

- Main Display Unit (5-inch LCD)
- Front Camera (2.5K)
- Rear Camera (1080P)
- Wired Remote Control
- TPMS Sensors (Front & Rear)
- 64GB MicroSD Card
- Power Cables (USB and ACC)
- Mounting Brackets and Hardware
- User Manual (this document)



Image: All components included with the BOIFUN MT01 Motorcycle Drive Recorder, including the main unit, cameras, remote, TPMS sensors, and cables.

Setup

1. Mounting the Main Unit

Attach the main display unit to your motorcycle's handlebar using the provided mounting brackets and spacers. Ensure it is securely fastened and does not obstruct your view or controls. The monitor is designed for all-directional adjustment.

全体的な耐久性・防塵防水性能

オートバイ用に特別に設計されており、耐熱、抗紫外線、老化防止、金属質感、落下防止、傷防止に耐性があります。

本体IP65

カメラIP67

傷や汚れが付きにくく
きれいで長持ち

Image: Illustration of how to mount the main display unit to the handlebar, showing the bracket and gasket for secure attachment.

2. Camera Installation

Install the front and rear cameras in suitable positions, ensuring a clear, unobstructed view. The cameras feature a 140-degree wide-angle lens for comprehensive coverage. Secure the camera cables to prevent interference with moving parts.

高い画素の前後カメラ とともに同時録画とAIリアビュー機能

バックモニターとして使いたい場合、AIリアビューをONにすると左右反転します。140°の広角カメラは良い視野範囲があるし、後方確認もし易くてツーリング時に安全性を高めていきます。



Image: Depicts the optimal placement of front and rear cameras on a motorcycle for wide-angle recording.

3. Power Connection

Connect the device to your motorcycle's battery directly or via a USB power cable. For USB power, ensure the output is DC5V/2A or higher. The system is designed with low power consumption to protect your motorcycle's battery.

運転に集中できる環境づくり、安全性がアップ

ハンズフリーで音楽再生、電話とナビケーションを制御できます。



Image: Shows the various power connection methods, including direct battery connection and USB power, highlighting the waterproof connectors.

4. TPMS Sensor Installation

Install the TPMS sensors on your tire valves. These sensors provide real-time tire pressure and temperature monitoring, alerting you to any abnormalities for enhanced safety.

運転に集中できる環境づくり、安全性がアップ

ハンズフリーで音楽再生、電話とナビケーションを制御できます。



Image: Close-up of a TPMS sensor installed on a motorcycle tire valve, indicating its function in monitoring tire conditions.

Operating Instructions

1. Display and Interface

The 5-inch LCD monitor offers a clear display with adjustable brightness, ensuring visibility even in direct sunlight. The intuitive touch interface allows for easy navigation through menus and settings.

新しい時代の車載デバイス、 スマホとワイヤレスで接続可能



Image: The 5-inch display showcasing its vibrant colors and clear visibility, with navigation and media playback interfaces.

2. CarPlay / Android Auto Connectivity

Connect your smartphone wirelessly via Bluetooth 5.1 to enable CarPlay or Android Auto. This allows for hands-free control of navigation, music playback, and calls directly from the device's screen or through your intercom system.

タイヤ空気圧センサー (TPMS) 対応

トラブルを未然に防いでくれるもの。愛車のタイヤの空気圧、温度をリアルタイムで全方位監視し、異常が発生したらすぐに通知する。

- 1 パンクを早期発見できる
- 2 空気圧を数値で常時確認できる
- 3 燃費が向上する
- 4 車の走行効率が向上する



Image: Demonstrates the seamless integration of CarPlay and Android Auto, displaying their respective user interfaces on the device screen.

3. Camera Recording Features

The front camera records in 2.5K (5 million pixels) and the rear camera in 1080P (2 million pixels), both utilizing a SONY322 sensor for high-definition capture of details like license plates. HDR/WDR functions prevent overexposure and underexposure, ensuring clear footage even in low-light conditions or tunnels. The AI Rear View function can be activated to reverse the left and right display, aiding in distance perception.

高い画素の前後カメラ とともに同時録画とAIリアビュー機能

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Image: Comparison of front (2.5K) and rear (1080P) camera footage, highlighting the wide 140-degree viewing angle and clarity.

4. Recording Modes

- Loop Recording:** Automatically overwrites older files when the microSD card is full, ensuring continuous recording without manual intervention.
- G-Sensor:** Detects sudden impacts or collisions and automatically locks the current video file to prevent it from being overwritten, serving as crucial evidence.
- Emergency Recording:** Manually trigger recording to capture specific events.

The device comes with a 64GB microSD card and supports up to 128GB for extended recording times.

5. Wired Remote Control

The included wired remote control allows for convenient operation while riding. Functions include answering/rejecting calls, playing/pausing music, switching between camera views (front only, rear only, or simultaneous front/rear), and taking photos.

12ヶ月品質普通保証 会員限定のメーカー延長保証プラン：12ヶ月

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BOIFUN公式サイト会員を対象に12ヶ月保証へ自動延長致します。



Image: The wired remote control unit, showing buttons for call management, music playback, and camera view switching.

6. Smartphone App (KYCAM2)

Download the dedicated "KYCAM2" app on your smartphone. Connect via 5GHz WiFi for fast and stable data transfer. The app allows you to view live footage, play back recorded videos, download files to your phone, and share them easily without needing to remove the SD card.

Maintenance

Care and Durability

The main unit and cables are designed with IPX7 waterproof rating, and the cameras are IP67, ensuring reliable performance in various weather conditions. The device also features anti-vibration measures and a heat dissipation design to prevent overheating and ensure stable operation.

To maintain optimal performance, regularly clean the camera lenses and display screen with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.

While designed for outdoor use, prolonged exposure to extreme heat (e.g., direct sunlight for over 12 hours in

scorching summer) is not recommended as it may lead to temporary restarts.

Troubleshooting

Common Issues and Solutions

If you encounter any issues, please refer to the following common troubleshooting steps:

- **Device not powering on:** Check power connections. Ensure USB power source meets DC5V/2A requirement.
- **No recording:** Verify microSD card is inserted correctly and formatted. Check loop recording settings.
- **Poor video quality:** Clean camera lenses. Ensure cameras are securely mounted and not vibrating excessively.
- **Wi-Fi/Bluetooth connectivity issues:** Ensure your smartphone's Wi-Fi/Bluetooth is enabled. Restart both the device and your smartphone.
- **TPMS not displaying readings:** Ensure sensors are correctly installed and paired. Check tire pressure manually to confirm.

For persistent issues or technical support, please contact our customer service.

Specifications

Technical Specifications

| Feature | Specification |
|-------------------------|---|
| Display Size | 5 inches LCD |
| Front Camera Resolution | 2.5K (5 Million Pixels) |
| Rear Camera Resolution | 1080P (2 Million Pixels) |
| Lens Angle | 140 degrees (Front & Rear) |
| Sensor | SONY322 |
| Connectivity | 5GHz WiFi, Bluetooth 5.1 (for CarPlay/Android Auto) |
| Waterproof Rating | Main Unit & Cables: IPX7, Cameras: IP67 |
| Storage | Supports up to 128GB MicroSD (64GB included) |
| Power Input | Motorcycle Battery Direct or USB (DC5V/2A+) |
| Dimensions (Product) | 1.5 x 15 x 8.5 cm |
| Weight | 960 g |

Warranty Information and Customer Support

The BOIFUN MT01 Motorcycle Drive Recorder comes with a 2-year manufacturer's warranty. This product has obtained technical standard compliance certification under the Radio Law (GITEKI) with certification number: R210-181571, and also PSE certification.

For any inquiries, technical assistance, or warranty claims, please contact our dedicated Japanese customer support team at:

Email: admin@boifun.net

In case of initial product defects, a replacement product can be provided. BOIFUN is committed to continuous quality improvement and providing the best support.

便利なループ録画&TSストリーミング技術

sdカードの容量がいっぱいになっても、古いデータが自動的に上書きされます。操作不要で自動的に記録開始・終了するので、もしもの事故も確実に録画します。TSストリーミング技術：エラーの訂正機能をもっているため、伝送条件が悪い環境でも放送や通信することができます。



Image: Visual representation of the 1-year warranty and PSE certification, indicating product quality assurance.