

BOIFUN MT06

BOIFUN MT06 Motorcycle Smart Monitor User Manual

Model: MT06

1. INTRODUCTION

Thank you for purchasing the BOIFUN MT06 Motorcycle Smart Monitor. This device is designed to enhance your riding experience by integrating smartphone functionalities like navigation, music, and calls directly onto your motorcycle's handlebars. It features a 6.25-inch high-brightness display, CarPlay and Android Auto compatibility, and robust IP65 dust and water resistance. This manual provides essential information for proper installation, operation, and maintenance of your new smart monitor.



Image 1.1: BOIFUN MT06 Motorcycle Smart Monitor in use.

2. SAFETY INFORMATION

- Always prioritize safe riding. Do not operate the device in a way that distracts you from the road.
- Perform all installation and wiring procedures when the motorcycle is turned off and cool.
- Ensure all connections are secure to prevent dislodgement during riding.
- Avoid prolonged exposure to extreme temperatures outside the specified operating range (-25°C to 50°C).
- Do not attempt to disassemble or modify the device. This may void the warranty and pose safety risks.
- In case of malfunction, consult the troubleshooting section or contact customer support.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- BOIFUN MT06 Motorcycle Smart Monitor Unit
- Mounting Bracket Kit (for handlebars 22mm, 25.4mm, 28mm)
- Sunshade Cover
- Tool Set (Allen wrench, screwdriver)

- USB Power Cable (approx. 1.5m, requires 5V/1A output)
- ACC Power Cable (approx. 2m, requires 12V-24V output)
- Main Unit Stand and Anti-vibration Pad
- Decorative Strips x2
- User Manual (this document)



Image 3.1: All included accessories.

4. PRODUCT OVERVIEW

The BOIFUN MT06 Smart Monitor features a 6.25-inch IPS high-resolution display, designed for clear visibility even in direct sunlight. Key features include:

- **CarPlay/Android Auto Compatibility:** Seamlessly integrate your smartphone.
- **1400 Nit High Brightness:** Automatic and manual brightness adjustment for optimal viewing.
- **IP65 Dustproof & Waterproof:** Durable for various weather conditions.
- **Bluetooth 5.2:** For stable wireless connections.
- **Voice Control:** Hands-free operation with Siri or Google Assistant.
- **Shock Resistance:** Robust construction for motorcycle use.

6.25インチIPS高解像度の液晶大画面

バイク用スマートモニター



Image 4.1: Key features of the MT06 Smart Monitor.

5. SETUP

5.1 Mounting the Monitor

1. Select a suitable position on your motorcycle's handlebar that does not obstruct your view or controls.
2. Use the appropriate gasket from the mounting kit (22mm, 25.4mm, or 28mm) to fit your handlebar diameter. If the bracket size does not match, use spacers for adjustment.
3. Securely attach the mounting bracket to the handlebar using the provided tools.
4. Attach the monitor unit to the mounting bracket. The holder is highly adaptable and allows for multi-directional adjustment to achieve your preferred viewing angle.

頑丈で高い適応性なホルダー モニターは全方向調節可能

ハンドルバーのガスケット：BOIFUNバインドライブレコーダーは22 mm、
25.4 mm、28 mm ハンドルバーのガスケットが用意しました。
ハンドルバーとブラケットのサイズが合わない場合はスペーサーで調整できます。

携帯ホルダーは要らなくて、スマホを自由に安全させる



Image 5.1: Adjustable mounting holder.

5.2 Power Connection

The MT06 offers two power connection methods:

- **USB Power (5V/1A or higher):** Connect the provided USB cable to a compatible USB power source on your motorcycle or a mobile battery. This offers flexibility and ease of installation.
- **ACC Power (12V-24V):** For a stable and continuous power supply, connect the provided ACC power cable directly to your motorcycle's battery or ACC circuit. This is recommended for long rides to avoid battery drain concerns.

Ensure all power connections are properly insulated and secured to prevent short circuits or damage.

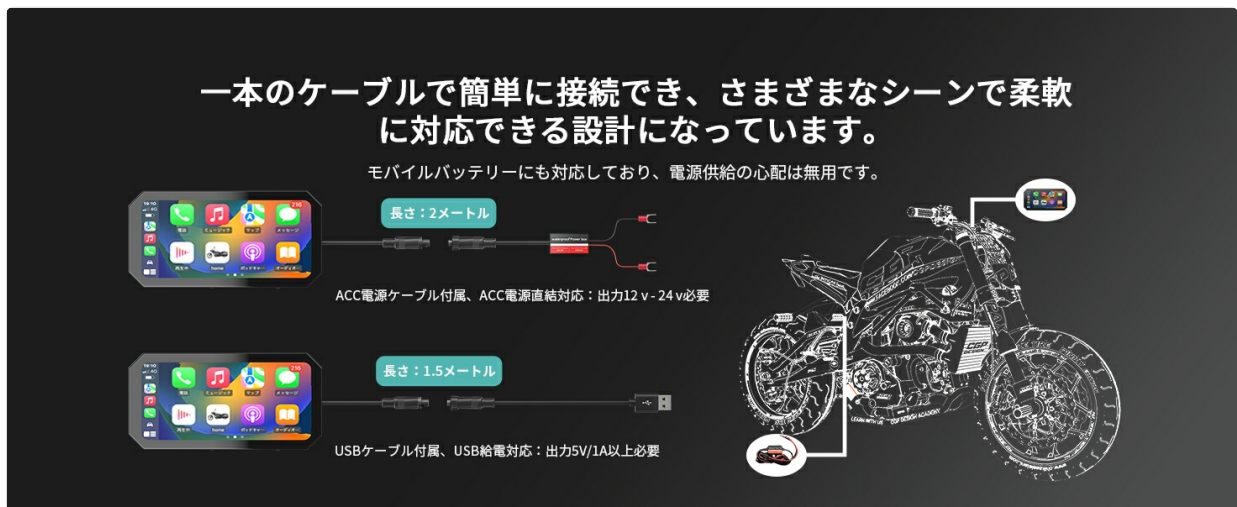


Image 5.2: Power connection options.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

The monitor will power on automatically when connected to a power source and the motorcycle ignition is turned on (if using ACC power). To manually power off, press and hold the power button.

6.2 CarPlay and Android Auto Connection

The MT06 supports wireless Apple CarPlay (iOS 9.0 or later) and Android Auto (Android 11 or later, 5G compatible). To connect:

1. Ensure Bluetooth is enabled on your smartphone.
2. On the monitor, navigate to the Bluetooth settings and pair with your smartphone.
3. Once paired, select the CarPlay or Android Auto icon on the monitor to initiate the connection.



Image 6.1: Apple CarPlay connection.



Image 6.2: Android Auto connection.

6.3 Audio Output (Intercom/Earphones)

The monitor can connect to motorcycle intercom systems or Bluetooth earphones via your smartphone. This allows you to hear navigation voice guidance, music, and calls clearly while riding.

1. Ensure Bluetooth is enabled on your intercom or earphones.
2. Pair your intercom/earphones with your smartphone.
3. The audio from the monitor (via CarPlay/Android Auto) will then be routed through your smartphone to your connected audio device.



Image 6.3: Earphone/Intercom setup.

6.4 Display Settings

The 6.25-inch IPS display offers 1400 nits brightness for excellent visibility. It supports both automatic and manual brightness adjustment. The included sunshade cover further reduces glare and reflections, improving readability in bright conditions.



Image 6.4: Brightness adjustment in action.



Image 6.5: High brightness IPS monitor with sunshade.

6.5 Touchscreen Operation

The touch panel LCD is designed for intuitive operation, even when wearing motorcycle gloves. Use taps and swipes to navigate menus and control functions.



Image 6.6: Touchscreen operation with gloves.

6.6 Voice Control

Utilize voice commands through Siri (for Apple CarPlay) or Google Assistant (for Android Auto) for hands-free control of navigation, music playback, and calls. This minimizes visual distraction while riding.

高い防塵・防水性能&耐衝撃機能

バイク製品として大事な防水機能。防水規格IP65はいかなる方向からの水の直接噴流によっても有害な影響を受けない。オートバイ用に特別に金属質感があり、落下防止、傷防止に耐性があります。

画面は保護カバーつきで傷や汚れが付きにくくきれいで長持ち



本体IP65

*購入日から6ヶ月防水保証で長期間の安心が続く！モニターは水濡れした時、弊社の公式メールへ連絡してに無料交換できます。

Image 6.7: Voice control functionality.

6.7 Navigation, Music, and Calls

Access your smartphone's navigation apps, music streaming services, and make/receive calls directly from the monitor interface. The split-screen function allows you to view multiple applications simultaneously.



Image 6.8: Call and Navigation display.



Image 6.9: Music playback and Split screen display.

6.8 Rain Mode (Anti-Mistouch Function)

To prevent unintended touches from raindrops during wet weather, the monitor features a rain mode. Press and hold the settings button for 5 seconds to activate this mode, which disables touchscreen operation to ensure a focused driving environment.



Image 6.10: Rain mode with anti-mistouch function.

6.9 System Settings

Access the system settings menu to configure language, time, touch sensitivity, sleep mode, and other preferences. This menu also includes options for factory reset and version information.



6.10 TPMS (Tire Pressure Monitoring System) Function

The monitor is compatible with TPMS sensors (sold separately). When connected, it can monitor your tire pressure and temperature in real-time, providing immediate alerts for abnormalities. This feature helps prevent potential issues such as reduced fuel efficiency, poor ride comfort, increased tire wear, and tire bursts.

Note: This product does not include TPMS sensors. Please contact customer support if you require dedicated monitoring sensors.



Image 6.12: TPMS compatibility display.

7. MAINTENANCE

7.1 Cleaning

Wipe the monitor screen and body with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the display or casing.

7.2 Temperature Resistance

The BOIFUN MT06 is designed to operate stably in a wide range of temperatures, from -25°C to 50°C. This ensures reliable performance in various climates, from extreme cold to hot summer conditions. While the device is heat-resistant, some heat generation during use is normal for electronic products.

高温および低温耐性

あらゆる種類の過酷な環境に広く適応可能で、-10℃～60℃にすることができます。
雨や冬場の降雪があっても問題なく稼働し続けます。



Image 7.1: High and low temperature resistance.

7.3 Waterproof and Dustproof

With an IP65 rating, the monitor is protected against dust ingress and low-pressure water jets from any direction. This makes it suitable for use in rain or dusty environments. The screen is also reinforced to be shatterproof, protecting it from impacts and scratches.

Bluetooth5.2対応音声制御 & バイク用インカム対応

ハンズフリーで音楽再生、電話とナビゲーションを制御できます。

Hey siri、富士山へ

Hey siri、音楽をかけて

お母さんに電話をかけて



Image 7.2: IP65 waterproof demonstration.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Monitor does not power on.	No power supply or loose connection.	Check power cable connection. Ensure power source (USB or ACC) is active.
CarPlay/Android Auto fails to connect.	Bluetooth not enabled, phone OS not compatible, or pairing issue.	Ensure Bluetooth is on. Check phone OS version. Re-pair the device. Restart both phone and monitor.
Screen is too dim/bright.	Brightness settings incorrect.	Adjust brightness manually in settings or ensure auto-brightness is enabled. Use sunshade.
Touchscreen unresponsive.	Rain mode activated or temporary software glitch.	Deactivate rain mode if active. Restart the monitor.

Problem	Possible Cause	Solution
Audio issues (no sound, distorted).	Bluetooth connection to intercom/earphones unstable or volume too low.	Check Bluetooth connection to audio device. Adjust volume on both monitor and audio device.

9. SPECIFICATIONS

Feature	Detail
Model Name	MT06
Screen Size	6.25 inches
Display Type	IPS LCD Touchscreen
Brightness	1400 nits (Automatic & Manual Adjustment)
Operating System Compatibility	Apple CarPlay (iOS 9.0+), Android Auto (Android 11+, 5G compatible)
Connectivity	Bluetooth 5.2
Waterproof/Dustproof Rating	IP65
Temperature Resistance	-25°C to 50°C
Power Input	USB (5V/1A+), ACC (12V-24V)
Mounting Type	Handlebar Mount (22mm, 25.4mm, 28mm)
Product Dimensions	8.6 x 3.1 x 17.2 cm
Product Weight	690 g
Certifications	Japan Technical Conformity (GITEKI) R210-181571

10. WARRANTY AND SUPPORT

10.1 Warranty Information






The BOIFUN MT06 Smart Monitor comes with a manufacturer's warranty. In case of any issues during the warranty period, support is available. The product has obtained Japan Technical Conformity certification (GITEKI certification number: R210-181571), ensuring its compliance with Japanese wireless communication laws and standards for quality and safety.

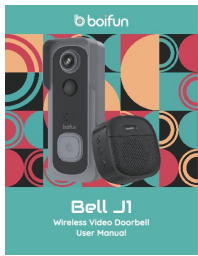
10.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact BOIFUN customer support. We are committed to providing dedicated support to ensure your satisfaction.

Please refer to the contact information provided with your purchase or visit the official BOIFUN website for support details.

Related Documents - MT06

	<p>BOIFUN BFN-161 Portable DVD Player User Manual</p> <p>Comprehensive user manual for the BOIFUN BFN-161 portable DVD player, covering safety instructions, operation, features, troubleshooting, and warranty information.</p>
	<p>Manual de Usuario Boifun Videoportero Inalámbrico</p> <p>Guía completa de usuario para el videoportero inalámbrico Boifun, incluyendo lista de empaque, componentes, configuración de la app BoifunCam, instalación, conexión y preguntas frecuentes.</p>
	<p>Boifun Wireless Video Doorbell User Manual - Setup, Installation & FAQs</p> <p>Comprehensive user manual for the Boifun Wireless Video Doorbell. Includes package contents, device features, app connection, installation guide, and frequently asked questions (FAQs).</p>
	<p>Boifun Bell J7 2K WiFi Battery Doorbell User Manual</p> <p>User manual for the Boifun Bell J7 2K WiFi Battery Doorbell, providing setup, installation, and usage instructions.</p>
	<p>Boifun Bell J1 Wireless Video Doorbell User Manual</p> <p>Comprehensive user manual for the Boifun Bell J1 Wireless Video Doorbell, covering setup, features, specifications, and troubleshooting. Learn how to install, connect, and use your smart doorbell.</p>



[Boifun Bell J1 Wireless Video Doorbell User Manual](#)

User manual for the Boifun Bell J1 Wireless Video Doorbell, covering setup, features, and troubleshooting.