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> Jelkuz 7-inch 4K Motorcycle CarPlay & Android Auto Screen User Manual

jelkuz MT53B

Jelkuz 7-inch 4K Motorcycle CarPlay & Android Auto Screen User Manual

Model: MT53B

Introduction	Safety Information	Package Contents	Setup	Operating Instructions	Maintenance
	Troubleshooting	Specifications		Warranty & Support	

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Jelkuz 7-inch 4K Motorcycle CarPlay & Android Auto Screen. This device is designed to enhance your riding experience by integrating smartphone functionalities, advanced navigation, and a dual-camera DVR system directly onto your motorcycle's handlebars.

The system features a high-definition IPS touchscreen, wireless CarPlay and Android Auto compatibility, 4K front and 1080P rear dashcam recording with a 64GB SD card, dual Bluetooth connectivity for audio, and a wired remote control for safe operation. Its robust IPX7 waterproof design ensures reliable performance in various weather conditions.

Jelkuz

7 inch Motorcycle CarPlay & Android Auto & 4K DVR



Figure 1.1: Overview of the Jelkuz Motorcycle CarPlay System.

This image displays the main unit of the Jelkuz 7-inch Motorcycle CarPlay and Android Auto Screen, highlighting its key features such as wireless CarPlay, wireless Android Auto, Siri/Google Assistant voice control, IPX7 waterproofing, GPS navigation, and auto brightness. The screen is shown mounted on a motorcycle, with dual cameras visible, emphasizing its integrated DVR capabilities.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installing and operating this device. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Installation:** Ensure the device is securely mounted and all wiring is properly connected and insulated to prevent interference with motorcycle controls or electrical shorts. Professional installation is recommended.
- **Power Source:** Connect the device only to a 12V DC power source as specified. Do not exceed the recommended voltage.
- **Operation While Riding:** Do not operate or adjust the device in a way that distracts you from safe riding. Use voice commands and the wired remote control to minimize distraction.
- **Water Exposure:** While the device is IPX7 waterproof, avoid high-pressure water guns directly on the unit or cameras. Ensure all connections are sealed.
- **Temperature:** Do not expose the device to extreme temperatures outside its operating range.
- **Maintenance:** Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

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

- 7 inch Motorcycle CarPlay Screen for Car
- 4K Front Camera
- 1080P Rear Camera

- 64GB SD card
- Wired Controller
- Mounting Bracket Kit
- GPS Module
- Power Cable (Onedragone dropline)
- User Manual

4. SETUP AND INSTALLATION

Follow these steps to properly install your Jelkuz Motorcycle CarPlay system. It is recommended to have basic knowledge of motorcycle electrical systems or seek professional assistance.

4.1 Mounting the Screen

1. Choose a suitable location on your motorcycle handlebars for the 7-inch screen, ensuring it does not obstruct your view or interfere with controls.
2. Attach the mounting bracket securely to the handlebars using the provided tools.
3. Slide the main screen unit onto the mounting bracket until it clicks into place. Adjust the viewing angle for optimal visibility.

4.2 Camera Installation

The system includes a 4K front camera and a 1080P rear camera for comprehensive recording.

1. **Front Camera:** Mount the 4K front camera in a position that provides a clear, unobstructed view of the road ahead. Ensure it is securely fastened.
2. **Rear Camera:** Mount the 1080P rear camera at the back of your motorcycle, ensuring a clear view of the road behind.
3. Route the camera cables carefully, avoiding moving parts and heat sources. Connect them to the designated ports on the main screen unit.

4.3 Wiring Connections

Connect the power cable (onedragone dropline) to your motorcycle's 12V power supply. Typically, the red wire connects to ACC (switched power) and the black wire to GND (ground). The GPS module should also be connected to its dedicated port.

Easy Installation



Figure 4.1: Wiring Diagram for Installation.

This diagram illustrates the connection points for the Jelkuz Motorcycle CarPlay system, including the rear camera, wire controller, front camera, and dash cam unit. It shows how to connect the ACC (switched power) and GND (ground) wires to the motorcycle's electrical system, providing a visual guide for proper installation.

4.4 Inserting the SD Card

Insert the provided 64GB TF card into the designated SD card slot on the main unit. Ensure it is inserted correctly until it clicks into place. This card is essential for DVR recording.

4.5 Connecting the Wired Controller

Connect the wired controller to its port on the main unit. Mount the controller in an easily accessible location near your handlebars for safe operation while riding.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

The device will power on automatically when your motorcycle's ignition is turned on (if connected to ACC power). To power off, simply turn off the ignition.

5.2 Wireless CarPlay & Android Auto

The Jelkuz screen supports wireless Apple CarPlay and Android Auto, allowing seamless integration with your smartphone.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the CarPlay screen, navigate to the CarPlay or Android Auto icon.
3. Pair your smartphone with the CarPlay screen via Bluetooth. Once paired, the system will automatically establish a Wi-Fi connection for CarPlay/Android Auto functionality.
4. You can now access GPS navigation, make calls, play music, and receive messages directly on the screen. Voice

control (Siri or Google Assistant) is supported for hands-free operation.

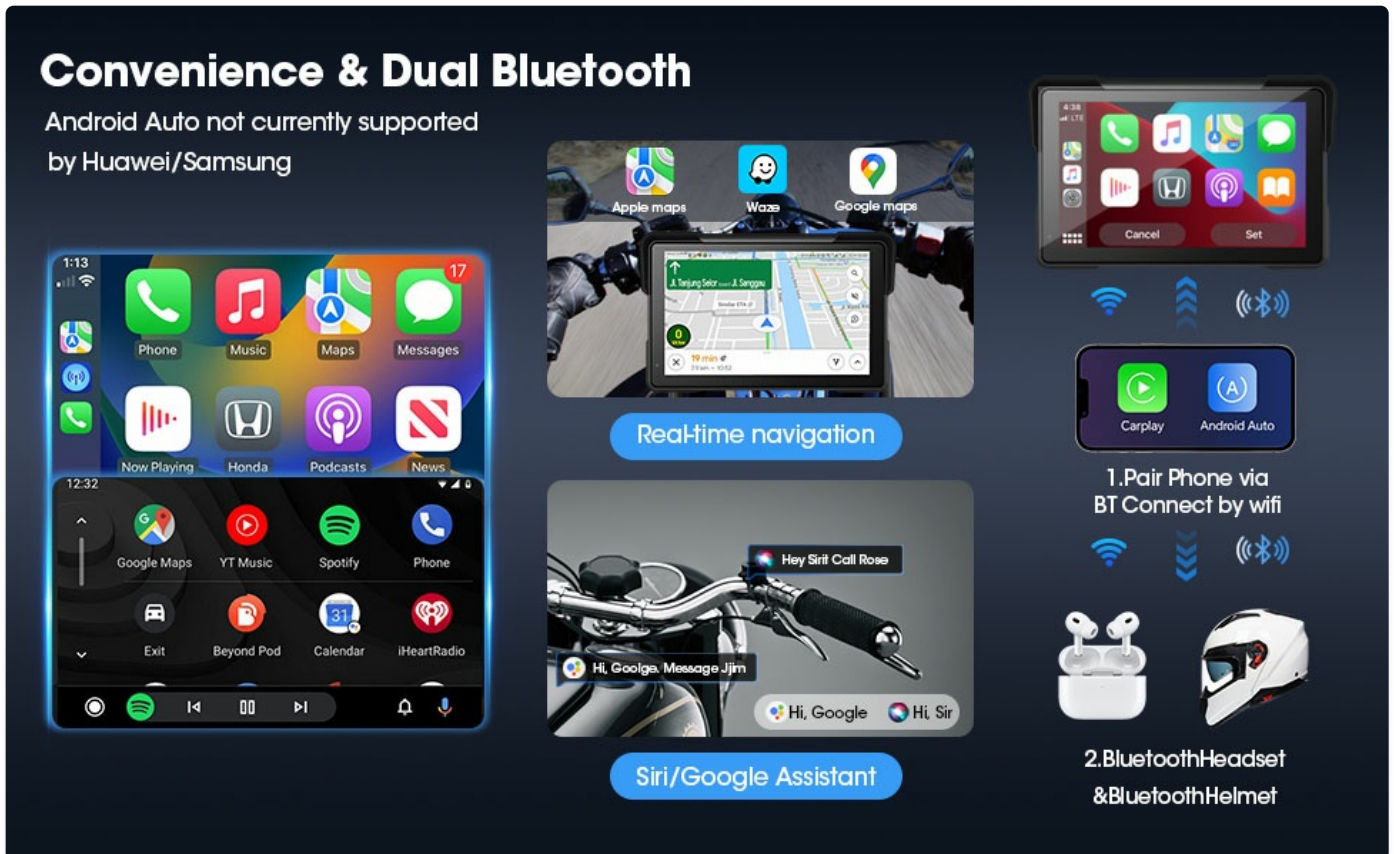


Figure 5.1: Wireless CarPlay & Android Auto Interface.

This image displays the user interface of the Jelkuz screen showing Apple CarPlay and Android Auto. It highlights features like real-time navigation, Siri/Google Assistant voice commands, and the dual Bluetooth connection process for pairing with both a smartphone and a Bluetooth headset/helmet, ensuring convenient audio interaction.

5.3 4K+1080P Motorcycle DVR Function

The integrated dashcam records both front (4K) and rear (1080P) views simultaneously, providing crucial evidence in case of incidents.

- **Automatic Recording:** The DVR starts recording automatically when the device powers on.
- **Loop Recording:** Older files are overwritten by new recordings when the SD card is full, ensuring continuous recording.
- **Video/Picture Locking:** In case of sudden impact or manual activation, current video segments can be locked to prevent overwriting.
- **Viewing Recordings:** You can view recorded videos and photos directly on the screen or by connecting the SD card to a computer.

4K+1080P Loop Recording Dashcam



Figure 5.2: DVR Recording Interface.

This image demonstrates the 4K+1080P loop recording dashcam feature. It shows the main screen displaying the CarPlay interface, with smaller inset screens illustrating the front camera view (4K Ultra HD) and the rear camera view (1080P Full HD), indicating simultaneous recording capabilities.

5.4 7-inch HD IPS Touchscreen

The 7-inch HD IPS touchscreen offers a clear and responsive interface for easy interaction.

- **High Resolution:** The 1024 x 600P resolution provides vibrant colors and sharp details, ensuring readability even in bright sunlight.
- **Responsive Touch:** The screen is highly responsive, allowing for smooth navigation through menus and applications.
- **Auto Brightness:** The screen automatically adjusts its brightness for optimal visibility in varying light conditions.

5.5 Wired Control & WiFi Function

The wired controller provides convenient access to key functions without needing to touch the screen, enhancing safety. The built-in WiFi allows for easy file management.

- **Wired Controller:** Use the buttons on the wired controller to answer calls, switch between home/navigation/CarPlay interfaces, or take photos.
- **WiFi Connectivity:** Connect your smartphone to the device's WiFi network to view and download recorded videos and photos directly to your phone via a dedicated app. This simplifies evidence viewing and file transfer.

Auto Brightness & Wired Remote Controls

Free your hands and drive safely



Figure 5.3: Wired Remote Control in Use.

This image shows the Jelkuz screen mounted on a motorcycle handlebar, with the wired remote control positioned nearby. It highlights the functions of the remote: taking pictures, answering phone calls, and switching menus, emphasizing hands-free and safe operation while riding. The auto brightness feature is also indicated.

WiFi function instruction



Figure 5.4: WiFi Functionality.

This image provides a step-by-step instruction for using the WiFi function. It shows how to slide right on the logger screen, view recorded videos/pictures, select front/rear camera views, click on the app download, and view content in real-time on your phone, streaming the

process of accessing recorded data.

5.6 Dual Bluetooth Connectivity

The system features upgraded dual Bluetooth, allowing you to connect your smartphone and a Bluetooth helmet or headset simultaneously.

1. Pair your phone to the CarPlay touchscreen via Bluetooth.
2. Pair the unit to your Bluetooth helmet/earphone.
3. You can then adjust the volume, switch songs, and make hands-free calls directly through your helmet or earphone.

5.7 IPX7 Waterproof & Highly Durable

The Jelkuz system is designed to withstand various environmental conditions.

- **IPX7 Waterproof:** The screen and cameras are rated IPX7 waterproof, meaning they can withstand immersion in water up to 1 meter for 30 minutes. This ensures reliable operation in rain.
- **Heat and Cold Resistance:** The device is built to perform well in both hot and cold temperatures, providing a worry-free riding experience year-round.

IPX7 Waterproof & Highly Durable

Accept natural rain strength but please avoid high pressure water guns

Figure 5.5: Durability Features.

This image visually represents the IPX7 waterproof and highly durable nature of the Jelkuz system. It shows the device operating effectively in rain, hot desert conditions, and snowy environments, emphasizing its resilience. The image also highlights the waterproof design of the cameras and advises against using high-pressure water guns directly on the unit.

6. MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your Jelkuz Motorcycle CarPlay system.

- **Cleaning:** Use a soft, damp cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that could damage the surface.
- **Cable Inspection:** Periodically check all cables and connections for wear, fraying, or loose contacts. Secure any loose connections.
- **SD Card Management:** Regularly back up important recordings from the SD card. Consider formatting the SD card periodically (e.g., monthly) to maintain optimal recording performance.
- **Firmware Updates:** Check the manufacturer's website for any available firmware updates to ensure your device has the latest features and bug fixes.

7. TROUBLESHOOTING

If you encounter issues with your device, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	No power supply; loose connection; blown fuse.	Check power cable connections (ACC and GND). Verify motorcycle's 12V power supply. Check for blown fuses in the motorcycle's electrical system.
CarPlay/Android Auto not connecting wirelessly.	Bluetooth/Wi-Fi off on phone; incorrect pairing; phone compatibility issue.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Delete previous pairings on both devices and re-pair. Ensure your phone's OS (iOS 6+ or Android 11+) is compatible. Try restarting both devices.
Screen lagging or unresponsive.	Software glitch; excessive heat; full SD card.	Restart the device. Ensure the device is not overheating. Check the SD card for space and consider formatting it.
DVR not recording or recording issues.	SD card error; full SD card; camera connection issue.	Ensure the SD card is properly inserted and not full. Format the SD card. Check camera cable connections.
Bluetooth audio issues (e.g., disconnections).	Interference; device pairing issues; firmware.	Ensure no other Bluetooth devices are interfering. Re-pair your helmet/headset. Check for firmware updates for the CarPlay unit.

If the problem persists after trying these solutions, please contact Jelkuz customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the Jelkuz 7-inch Motorcycle CarPlay & Android Auto Screen:

Feature	Detail
Model Number	MT53B
Display Size	7 Inches
Display Resolution	1024 x 600P

Feature	Detail
Front Camera Resolution	4K Ultra HD
Rear Camera Resolution	1080P Full HD
Included SD Card	64GB TF Card
Connectivity Technology	Bluetooth (Dual), Wi-Fi
Compatible Devices	Smartphones (iOS 6+, Android 11+)
Audio Output Mode	Stereo
Waterproof Rating	IPX7
Power Input	12V DC
Item Weight	3.21 pounds (approx. 1.46 kg)
Package Dimensions	11.1 x 6.85 x 3.7 inches

Product Dimensions

Suitable for different vehicles



Figure 8.1: Product Dimensions and Interface Ports.

This image provides a visual representation of the product's dimensions, showing the 7.2-inch width and 4.7-inch height of the main unit. It also details the interface ports, including the SD card slot and Type-C port, and illustrates the unit's compatibility with various motorcycle types.

9. WARRANTY AND SUPPORT

Jelkuz stands behind the quality of its products.

- **Warranty:** This product comes with a 12-month warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.
- **Returns:** Please refer to your retailer's return policy for information on product returns within the initial purchase period (e.g., 30 days).
- **Customer Support:** For any questions, technical assistance, or warranty claims, please contact Jelkuz customer support. Provide your model number (MT53B) and purchase details for faster service.

We are committed to providing a 100% satisfactory solution within 24 hours for any issues you may encounter.

