

jelkuz MT10

Motorcycle CarPlay & Android Auto System User Manual

Brand: jelkuz | Model: MT10

1. PRODUCT OVERVIEW

The jelkuz MT10 is a versatile 7-inch display system designed for motorcycles, integrating wireless CarPlay and Android Auto functionalities with a dual 2K camera DVR system. It provides enhanced navigation, communication, entertainment, and recording capabilities for a safer and more convenient riding experience.



Figure 1.1: The jelkuz MT10 system, including the 7-inch display, remote control, 64GB SD card, and dual 2K cameras.

2. WHAT'S IN THE BOX

- 7 Inches Monitor
- Dual 2K Cameras
- 64GB SD card
- Wired Controller
- Mounting Bracket Kit
- Installation Tool
- Power Cable
- Wire Remote Control
- User Manual

3. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. It is recommended to have this system installed by a qualified professional if you are unfamiliar with motorcycle electrical systems.

3.1 Mounting the Display and Cameras

Use the provided mounting bracket kit to securely fasten the 7-inch display to your motorcycle's handlebars. Position the front and rear 2K cameras to ensure clear, unobstructed views for recording. The display features an anti-theft removable bracket for added security.

3.2 Wiring Connections

Connect the power cable to your motorcycle's electrical system. Ensure the positive terminal is connected correctly to allow the CarPlay unit to shut down properly when the motorcycle is turned off. Incorrect wiring may result in the unit remaining powered on, potentially draining the battery. Connect the dual 2K cameras and the wired controller to the main display unit using the provided cables.



Figure 3.1: Wiring diagram for the jelkuz MT10 system, illustrating connections for the display, cameras, and wired controller.

4. OPERATING INSTRUCTIONS

4.1 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly to the MT10 display via Bluetooth. This enables access to your smartphone's applications, navigation, music, and other features directly on the 7-inch screen. Utilize voice assistants like Siri or Google Assistant for hands-free control, allowing you to maintain focus on the road.

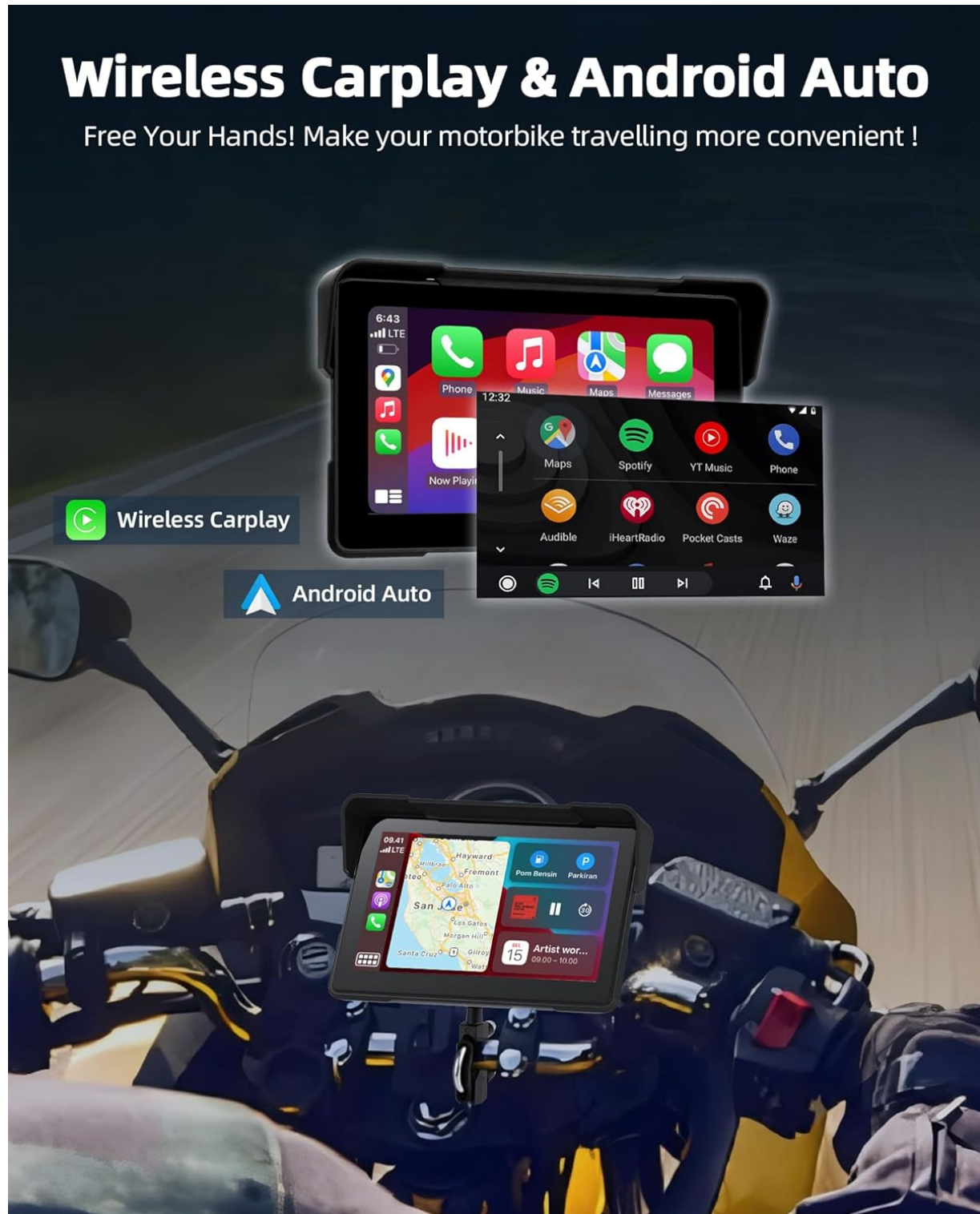


Figure 4.1: Wireless CarPlay and Android Auto interfaces displayed on the motorcycle screen.

4.2 Dual Camera DVR Function

The system includes front and rear 2K dashcams, supporting simultaneous recording and split-screen display of your journey. The included 64GB SD card facilitates loop recording, automatically overwriting older files when the card is full. A built-in G-sensor automatically locks emergency recordings in case of sudden vibration or collision.

2K + 2K Dual Cameras Simultaneous Recording

150°

2K Front Camera

Locked Video

Video Playback

64GB TF-Card

150°

2K Rear Camera

Figure 4.2: Overview of the dual 2K camera system and its recording capabilities.

4.3 Wired Control & Voice Control

The wired controller provides convenient access to various functions while riding. It allows you to take photos, switch between camera monitors, and answer or reject incoming calls without diverting your attention from the road. Voice control through Siri or Google Assistant further enhances hands-free operation for navigation and other tasks.

Free Your Hand

Through the wired remote control you can easily get the functions you need, more convenient.



Figure 4.3: The wired remote control mounted on handlebars, detailing its various functions.

4.4 Wireless Connection for Audio

The portable motorcycle screen connects wirelessly to your smartphone. Simultaneously, your smartphone can connect to your Bluetooth headphones or helmet, enabling hands-free calls and music playback without needing to remove your helmet. This setup allows your phone to remain safely stored while navigating.

Note: Volume cannot be adjusted directly on the Motorcycle CarPlay Screen. Volume control must be managed via your connected smartphone or Bluetooth audio device.


Wireless Connection




Figure 4.4: Wireless connection diagram for audio and data flow.

4.5 DVR Features and Connectivity


The system supports loop recording, G-sensor activated video locking, and built-in WiFi. The WiFi function allows you to view, play, and download recorded files directly to your mobile phone in real-time via a dedicated app.






Loop Recording

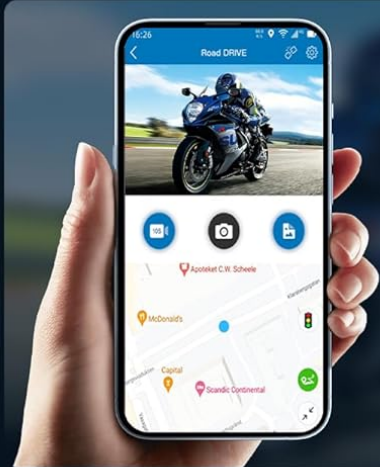
Automatically overwrite useless videos without the need for manual deletion, and lock emergency recordings automatically.




G-sensor Lock Video


Automatically lock video in case of emergency (built-in gravity sensor, automatically open recording mode when sensing vibration or collision).








Download Video



Device Settings



Built in Wifi

You can directly control the dash cam, view and download live video, take pictures and other functions via mobile APP.

Figure 4.5: Key DVR features: Loop Recording, G-sensor, and WiFi connectivity.

4.6 Display Adjustments

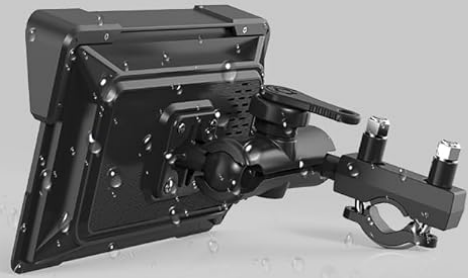
The 7-inch HD IPS touchscreen offers brightness adjustment for optimal visibility in various lighting conditions. It also includes a screen flip function, allowing you to adjust the display orientation as needed.

4.7 IP67 Waterproofing

The jelkuz MT10 display and durable cameras are rated IP67 waterproof, ensuring reliable operation in rainy and snowy weather conditions. The waterproof power supply route further enhances the system's resilience against the elements.

Fully IP67 Waterproof

Safe use in rainy and snowy weather



IP67 Waterproof



Durable Camera



Waterproof Power Supply Route

Figure 4.6: The system's IP67 waterproof design for all-weather use.

5. MAINTENANCE

To ensure the longevity and optimal performance of your jelkuz MT10 system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to clean the display and camera lenses. Avoid abrasive cleaners or solvents that could damage the surfaces.
- **Cable Inspection:** Periodically check all cables and connections for wear, fraying, or loose contacts. Ensure waterproof seals are intact.
- **Software Updates:** Check the manufacturer's website for any available firmware updates to ensure your device has the latest features and bug fixes.

- **SD Card Management:** Regularly format the 64GB SD card (after backing up important recordings) to maintain optimal recording performance and prevent data corruption.

6. TROUBLESHOOTING

If you encounter issues with your jelkuz MT10 system, refer to the following common problems and solutions:

- **Device Does Not Shut Down with Motorcycle:** This is often due to incorrect wiring. Refer to the wiring diagram in Section 3.2 and ensure the positive terminal is connected to a switched power source that turns off with the ignition.
- **Bluetooth Connection Issues:** Ensure your smartphone's Bluetooth is enabled and discoverable. Forget previous pairings on both devices and attempt to reconnect. Ensure your phone supports wireless CarPlay or wireless Android Auto.
- **Screen Brightness is Low:** While the screen offers brightness adjustment, visibility can be challenging in direct sunlight. Adjust the brightness setting on the device. Consider adding an external sun visor if needed.
- **Date and Time Keep Changing:** Verify that the device's internal clock settings are correctly configured. If connected to your smartphone, ensure time synchronization is enabled.
- **Wired Controller Mounting:** The system includes a small mounting device for the controller. If it does not suit your handlebars, alternative mounting solutions may be required (not included).
- **Cannot Adjust Volume on Screen:** As noted in Section 4.4, volume control is managed via your connected smartphone or Bluetooth audio device, not directly on the MT10 screen.

For persistent issues, please contact customer service for further assistance.

7. SPECIFICATIONS

Feature	Detail
Item Weight	2.48 pounds
Package Dimensions	9.25 x 5.91 x 4.29 inches
Item Model Number	MT10
Display Size	7 Inches
Voice Command	Touchscreen
Vehicle Service Type	Motorcycle
Special Feature	7inch wireless motorcycle carplay screen, Dual 2K Dashcam, GPS Navigation for motorcycle, Remote Control, Voice Control
Connectivity Technology	Bluetooth
Map Type	North America (via connected smartphone)

Audio Output Mode	Stereo
Mounting Type	Handlebar Mount
Memory Storage Capacity	64 GB (SD card included)

8. WARRANTY AND SUPPORT

The jelkuz MT10 comes with a 12-month after-service warranty. For any product issues or inquiries, please contact customer service for a satisfactory solution within 24 hours.

Additionally, protection plans are available for purchase to extend coverage:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly plan covering eligible purchases)

If you require a Spanish user manual, please contact customer service to obtain one.