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> Jelkuz 5-inch AHD 1080P Backup Monitor Camera System User Manual

Jelkuz New-JM-P057+T31-JP2

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Model: New-JM-P057+T31-JP2

1. INTRODUCTION

Thank you for choosing the Jelkuz 5-inch AHD 1080P Backup Monitor Camera System. This manual provides essential information for the proper installation, operation, and maintenance of your device. Please read it thoroughly before use and retain it for future reference.

This system is designed to enhance your vehicle's rear visibility, offering a clear 1080P AHD image on a 5-inch LCD monitor. It features super night vision, IP68 waterproofing, and flexible installation options.

2. SAFETY INFORMATION

- Always ensure the system is installed securely to prevent obstruction of the driver's view or interference with vehicle controls.
- Do not attempt to disassemble or modify the product. Unauthorized modifications may void the warranty and pose safety risks.
- Ensure all wiring connections are correct and insulated to prevent short circuits or electrical hazards.
- The backup camera system is an aid for safe driving and should not replace direct observation or proper driving practices. Always check your surroundings manually before reversing.
- Keep the monitor and camera lenses clean for optimal performance.

3. PACKAGE CONTENTS

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

- 5-inch AHD LCD Monitor
- AHD Rear Camera
- Dashboard Bracket
- Suction Cup Mount

- 6m Extension Cable
- Car Charger Line (Cigarette Lighter Power Adapter)
- User Manual



Figure 3.1: Package Contents

4. SETUP AND INSTALLATION

4.1. Camera Installation

The camera offers two primary installation methods:

1. **License Plate Mount:** Utilize the dedicated license plate holder to mount the camera without drilling. This method is suitable for both front and rear camera applications.
2. **Drill-Free Bracket Mount:** Use the included bracket for mounting in other suitable locations on your vehicle.

Ensure the camera is positioned to provide a clear, unobstructed view of the desired area. The camera is IP68 waterproof, dustproof, and sandproof, ensuring durability in various weather conditions.



Figure 4.1: Camera Mounting Options

4.2. Monitor Installation

The monitor can be installed using two methods:

1. **Dashboard Mount:** Use the dashboard bracket to place the monitor on your vehicle's dashboard.
2. **Suction Cup Mount:** Attach the monitor to the windshield using the suction cup mount. The silicone suction cup is reusable

after cleaning.

Both brackets allow for rotation to adjust the monitor's viewing angle. The monitor also includes a sunshade for improved visibility in direct sunlight.

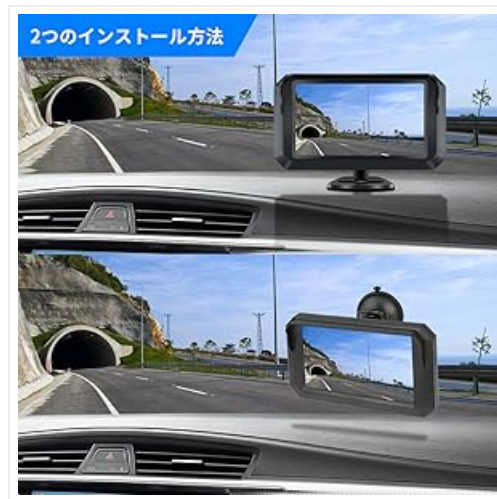


Figure 4.2: Monitor Installation Methods

4.3. Wiring Connection

The system features a simplified wiring design, requiring only one cable to connect the camera and monitor. Both units are powered via the included cigarette lighter adapter.

1. Connect the camera to the extension cable.
2. Connect the other end of the extension cable to the monitor.
3. Plug the car charger line into your vehicle's cigarette lighter socket and connect it to the monitor.

No complex wiring is required, making installation straightforward.



Figure 4.3: Simple Wiring Diagram

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off

The system powers on automatically when the vehicle's ignition is turned on (if connected to a switched power source) or when the cigarette lighter adapter receives power. To turn off, simply remove power from the cigarette lighter socket.

5.2. Image Adjustment

The monitor features control buttons (Up/+, Menu, Down/-) on the back for adjusting image settings. Press the 'Menu' button to access settings, then use 'Up/+' and 'Down/-' to navigate and adjust:

- **Brightness:** Adjust the overall luminance of the display.
- **Contrast:** Modify the difference between light and dark areas.
- **Saturation:** Control the intensity of colors.
- **Hue:** Adjust the color balance.



Figure 5.1: Monitor Control Buttons and Settings

5.3. Mirror/Normal Image Switching

The camera supports switching between mirror image (for rear view) and normal image (for front view). This is achieved by cutting a specific wire on the camera's wiring harness. Refer to the camera's wiring instructions for details on which wire to cut.



Figure 5.2: Mirror/Normal Image Switching

5.4. Parking Guidelines

The system provides adjustable parking guidelines to assist with reversing. These guidelines can be turned on or off and may offer different patterns. Access these settings through the monitor's menu.

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Figure 5.3: Adjustable Parking Guidelines

6. MAINTENANCE

- **Cleaning the Lens:** Regularly clean the camera lens and monitor screen with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surfaces.
- **Cable Inspection:** Periodically check all cables for signs of wear, damage, or loose connections. Ensure cables are not pinched or exposed to excessive heat.

- **Mounting Security:** Verify that the camera and monitor mounts remain secure. Re-tighten any loose screws or re-attach suction cups if necessary.
- **Storage:** If the system will not be used for an extended period, store it in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on monitor	No power to monitor; Loose cable connection; Faulty camera/monitor	Check power connection to cigarette lighter. Ensure all cables are securely connected. Test camera/monitor if possible.
Image is blurry or distorted	Dirty camera lens; Incorrect monitor settings; Camera malfunction	Clean camera lens. Adjust brightness, contrast, saturation settings.
Night vision is poor	Insufficient ambient light; Dirty camera lens	Ensure camera lens is clean. The system's super night vision performs best with some minimal ambient light.
Parking lines not visible/incorrect	Parking guidelines turned off in settings; Incorrect guideline pattern selected	Access monitor settings to enable and adjust parking guidelines.
Monitor falls off dashboard/windshield	Mount not securely attached; Suction cup dirty or lost adhesion	Ensure mounting surface is clean and dry. Clean suction cup with water and let air dry before reattaching.

8. SPECIFICATIONS

- **Brand:** Jelkuz
- **Model:** New-JM-P057+T31-JP2
- **Screen Size:** 5 inches
- **Display Type:** LCD
- **Video Resolution:** 1080p AHD
- **Camera Lens:** High-sensitivity 6-glass STARVIS lens
- **View Angle:** 140 degrees (actual view angle)
- **Waterproof Rating:** IP68 (Camera)
- **Operating Voltage:** 12 Volts
- **Product Dimensions (L x W x H):** Approximately 7 x 14 x 11 cm (Monitor)
- **Product Weight:** 0.46 Kilograms

9. WARRANTY AND SUPPORT

This Jelkuz product comes with a 12-month warranty from the date of purchase. We also offer a 30-day money-back guarantee. For any issues or inquiries, please contact our 24-hour online customer service.

Customer Service Email: Jenny@jansite.cn

Please provide your model number and a detailed description of the issue when contacting support to ensure a prompt resolution.



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