

SJOYBRING B098NJLVWD

SJoyBring Rearview Camera User Manual (Model: B098NJLVWD)

Comprehensive instructions for installation, operation, and maintenance.

1. INTRODUCTION

The SJoyBring Rearview Camera is designed to enhance vehicle safety by providing a clear, wide-angle view of the area behind your vehicle. This manual will guide you through the setup, operation, and maintenance of your camera to ensure optimal performance.

Key Features:

- **Easy Installation:** Compatible with most 12V vehicles, the 1080P backup camera can be mounted on the front and rear license plate frames, ensuring quick and easy setup.
- **Waterproof and Night Vision:** Designed with fully sealed glue filling craft, the rearview camera is resistant to car washes, rainy days, and even storms, ensuring consistent performance. It also features night vision capabilities for low-light conditions.
- **170° Wide Angle:** The backup camera offers a 170° wide viewing angle with an adjustable angle, providing a broad vision and high-sensitive color for safe reversing and driving.

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Video 1: This video demonstrates the key features of the SJoyBring Rearview Camera, including its wide-angle view, waterproof design, and adaptability to various weather conditions.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- SJoyBring Rearview Camera
- Power Cable
- RCA Extension Cable (approx. 19.6 ft)
- Mounting Screws (2 pcs)
- User Manual



Image 1: Contents of the SJoyBring Rearview Camera package, including the camera, cables, and mounting hardware.

3. INSTALLATION GUIDE

Follow these steps to properly install your SJoyBring Rearview Camera. Professional installation is recommended for optimal results.

3.1. Mounting the Camera

The camera is designed for easy mounting on your vehicle's license plate frame. Ensure the camera has a clear, unobstructed view of the rear of your vehicle.

1. Identify the optimal mounting location, typically above the license plate.
2. Use the provided screws to securely attach the camera bracket to the vehicle.
3. Adjust the camera angle for the desired viewing perspective.



HD Camera

170 ° Perfect View Angel Design for Parking

170°

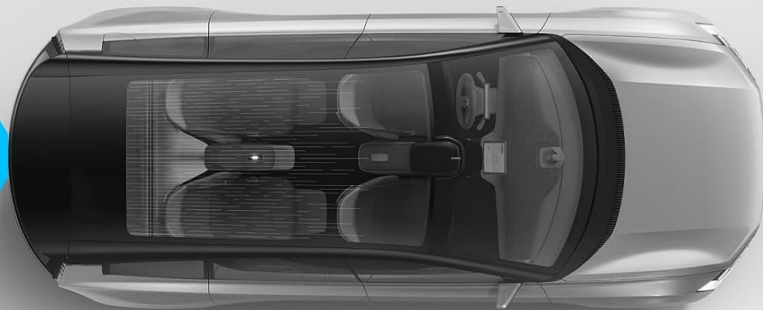


Image 2: The SJoyBring Rearview Camera mounted, illustrating its 170-degree wide-angle view for parking assistance.

3.2. Wiring the Camera to Your Car Stereo

This process involves connecting the camera to your car's head unit (stereo/monitor) and power source. Refer to the diagram below for visual guidance.

1. Connect the camera's video output (yellow RCA) to the "CAM IN" or "Video IN" port on your car stereo/monitor.
2. Locate the reverse line (or back line) on your car stereo's wiring harness. This wire typically signals the stereo to switch to the camera view when the vehicle is in reverse.
3. Connect the red wire from the camera's power cable to the 12V+ positive terminal of your car's backup light.
4. Connect the black wire from the camera's power cable to the GND (ground) terminal of your car's backup light.
5. Ensure all connections are secure and properly insulated.

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Video 2: Detailed instructions on how to wire an AHD backup camera to a car stereo system, covering all necessary connections and settings adjustments.

Important Note: The SJoyBring camera supports AHD video signal format (1280x720P 25fps or 1920x1080P 25fps). Before purchasing, verify that your car monitor or stereo supports the AHD format. If your monitor does not support AHD 1920x1080P, do not cut the white line on the camera cable.

4. OPERATING INSTRUCTIONS

4.1. Activating the Camera

Once properly installed, the camera will automatically activate when your vehicle is shifted into reverse, displaying the rear view on your connected car stereo/monitor.

4.2. Adjusting Parking Guide Lines and Resolution

The camera features adjustable parking guide lines and resolution settings. These adjustments are typically made through the settings menu of your car's head unit.

- **Guide Lines:** The camera comes with parking guide lines. If you wish to remove them, cut the green wire on the camera cable. To make them reappear, keep the green wire intact.
- **Resolution:** The camera supports 720P and 1080P resolutions. To switch to 1080P, cut the white wire on the camera cable. To revert to 720P, keep the white wire intact. After cutting, remember to restart your device and set up the reversing camera format in your head unit's settings.
- **Adjusting Ruler Line:** On certain head units, you can adjust the position and angle of the reversing ruler lines directly through the camera settings interface. Ensure to save any changes made.

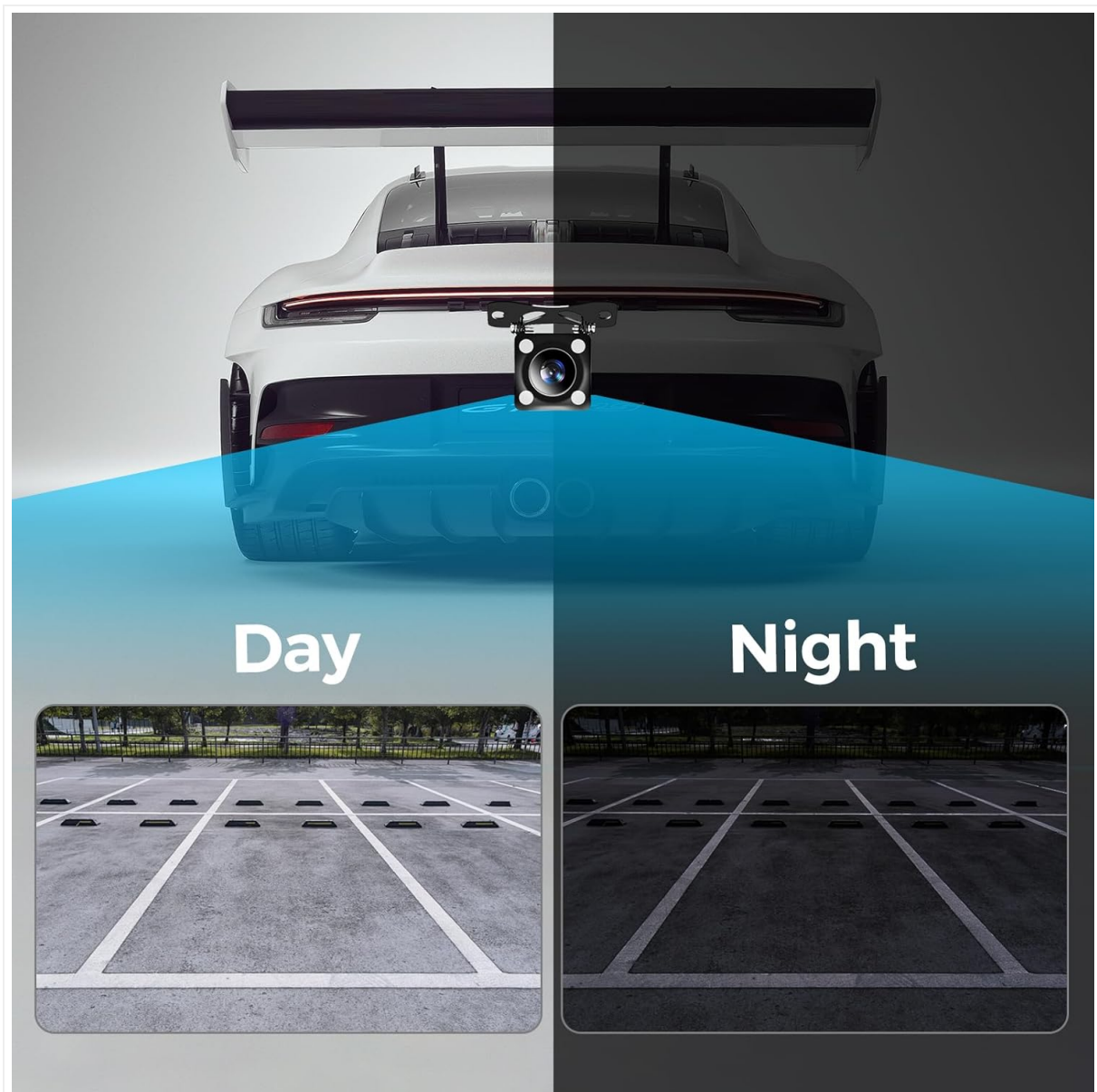


Image 3: Comparison of the camera's view during day and night, highlighting its night vision capabilities.

5. MAINTENANCE

To ensure the longevity and optimal performance of your SJoyBring Rearview Camera, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the camera lens with a soft, damp cloth to remove dirt, dust, or water spots that may obstruct the view. Avoid abrasive cleaners.
- **Waterproof Design:** The camera is designed to be waterproof. However, avoid directing high-pressure water jets directly at the camera for extended periods during car washes.
- **Cable Inspection:** Periodically inspect all cables and connections for any signs of wear, damage, or loose connections. Secure or replace as necessary.
- **Environmental Conditions:** The camera is built to withstand various harsh weather conditions, including extreme temperatures. However, prolonged exposure to severe conditions may affect its lifespan.

6. TROUBLESHOOTING

If you encounter any issues with your SJoyBring Rearview Camera, refer to the following troubleshooting tips:

- **No Image/Black Screen:**
 - Check all cable connections (video and power) to ensure they are secure.
 - Verify that your car stereo/monitor is set to the correct input source for the camera.
 - Ensure your car stereo/monitor supports the AHD video signal format. Incorrect format settings can lead to a black screen or interference. Adjust the camera settings (NTSC/PAL, AHD 720p/1080p) in your head unit if applicable.
 - Confirm the camera is receiving power (e.g., check the backup light connection).
- **Image Interference/Distortion:**
 - Check for loose or damaged video cables.
 - Ensure proper grounding of the camera's power cable.
 - Avoid routing video cables near high-voltage wires or other sources of electrical interference.
 - Verify the correct video format (NTSC/PAL) is selected in your head unit's settings.
- **Image Reversed (Left-to-Right):**
 - Some car stereos have a "mirror image" or "left and right mirror images" setting in their reverse camera options. Adjust this setting to correct the image orientation.
- **Parking Guide Lines Missing/Incorrect:**
 - If the green wire was cut, the guide lines will disappear. Reconnect the green wire if you want them to appear.
 - Adjust the ruler line position and angle through your head unit's camera settings if supported.

7. SPECIFICATIONS

Feature	Detail
Resolution	AHD 1280x720P 25fps (Keep white line), AHD 1920x1080P 25fps (Cut white line)
Power Supply	DC-12V

Feature	Detail
TV System	AHD
Frame Rate	25fps
Connection	RCA
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Real Angle of View	120 Degrees
Field Of View	170 Degrees
Installation Type	Surface Mount
Item Weight	5.3 ounces
Package Dimensions	6.14 x 5.47 x 1.46 inches

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For further assistance, please contact SJoyBring customer support.

Documents - SJOYBRING – B098NJLVWD
no relevant documents