

Luqeeq Luqeeq1gcr83n2tb-12

Luqeeq 360 Car Camera System (1080P) Instruction Manual

Model: Luqeeq1gcr83n2tb-12

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Luqeeq 360 Car Camera System. This system is designed to enhance driving safety by providing a comprehensive panoramic view around your vehicle, reducing blind spots, and assisting with parking and maneuvering. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** While installation is designed to be straightforward, professional installation is recommended to ensure correct wiring and optimal performance, especially for integration with your vehicle's existing systems.
- **Power Disconnection:** Always disconnect the vehicle's battery before performing any electrical work to prevent short circuits or damage.
- **Cable Routing:** Route all cables carefully to avoid interference with moving parts, sharp edges, or heat sources. Secure cables to prevent them from becoming loose or tangled.
- **Waterproofing:** Ensure all connections exposed to the elements are properly sealed and waterproofed to prevent moisture ingress.
- **Driving Safety:** The 360 camera system is an aid to driving and parking. Always exercise caution and check your surroundings manually. Do not rely solely on the camera system.
- **Voltage Compatibility:** This system operates on 12 Volts. Ensure your vehicle's electrical system is compatible.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package. If any items are missing or damaged, please contact customer support.

Image: Overview of all included components for the 360 Car Camera System.

- 4 x Camera (Starlight Night Vision)
- 4 x Rubber Pad
- 4 x Extension Cord
- 1 x Car Machine Special Line
- 1 x Hole Opener
- 2 x Mounting Base

4. SPECIFICATIONS

Feature	Specification
Brand	Luqeeq
Model	Luqeeq1gcr83n2tb-12
Camera Type	Starlight Night Vision
Waterproof Grade	IP68
Applicable Systems	For navigator with 360 surround view software, for Auto Radio Night Vision 7
Voltage	12 Volts
Optical Sensor Technology	CMOS
Lens Type	Wide Angle, Fixed
Real Angle of View	360 Degrees
Connector Type	RCA
Optical Sensor Size	1/2.5 inch

5. SETUP AND INSTALLATION

The Luqeeq 360 Car Camera System is designed for easy installation, often involving direct plug-in to compatible car radio systems. However, careful placement and wiring are crucial for optimal performance.

5.1 Installation Locations

The system includes four cameras strategically placed around the vehicle to achieve a full 360-degree view. Typical installation points are:

- **Front Camera:** Front grill bumper
- **Rear Camera:** Trunk area
- **Side Cameras:** Bottom of left and right reversing mirrors



Image: Recommended camera placement for a complete 360-degree view.

5.2 Installation Steps (General Guidelines)

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and the battery is disconnected.
2. **Mount Cameras:** Using the provided hole opener (if necessary) and mounting bases, securely install each of the four cameras in their designated locations. Ensure the cameras are oriented correctly for their respective views (front, rear, left, right).
3. **Route Cables:** Carefully route the extension cords from each camera to the central control unit or compatible car radio. Ensure cables are hidden, secured, and protected from heat, sharp edges, and moving parts.
4. **Connect to Car Radio/Navigator:** Connect the camera system's special line to the compatible 360 surround view software-enabled navigator or Auto Radio Night Vision 7 unit. This system is designed for direct plug-in, minimizing complex wiring.
5. **Reconnect Power:** Once all connections are secure and verified, reconnect the vehicle's battery.
6. **Test System:** Turn on the vehicle and test the camera system. Verify that all four camera views are displayed correctly and the panoramic view functions as expected. Calibration may be required depending on your car radio/navigator system.

Image: Displaying the 360-degree view on a car's infotainment screen after installation.

6. OPERATION

The Luqeeq 360 Car Camera System integrates with your vehicle's compatible display to provide real-time visual assistance.

6.1 Panoramic View

Upon activation (typically when shifting into reverse or at low speeds), the system processes feeds from all four cameras to create a seamless 360-degree bird's-eye view of your vehicle's surroundings. This view helps in:

- Parking in tight spaces.
- Maneuvering in crowded areas.
- Identifying obstacles in blind spots.

6.2 Individual Camera Views

Your compatible car radio or navigator software may allow you to switch between the panoramic view and individual camera views (front, rear, left, right) for more detailed observation of specific areas.

Image: Examples of various camera views provided by the system, including front, rear, side, and panoramic perspectives.

6.3 Night Vision and Low Light Performance

The cameras feature Starlight Night Vision and exceptional low-light performance with IE function, high resolution, and high sensitivity. This ensures clear and detailed footage even in dark environments, significantly improving visibility during nighttime driving or in poorly lit areas.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your camera system.

- **Clean Lenses:** Periodically clean the camera lenses with a soft, damp cloth to remove dirt, dust, or water spots that may obstruct the view. Avoid abrasive cleaners.
- **Check Connections:** Occasionally inspect all cable connections for signs of wear, corrosion, or looseness. Ensure

they remain securely attached and waterproofed.

- **Software Updates:** If your car radio/navigator system offers software updates for the 360-degree view functionality, ensure they are installed to benefit from performance improvements and bug fixes.
- **Waterproofing Integrity:** The cameras feature fully sealed gel technology for improved water resistance. Avoid high-pressure washing directly on the camera units.

8. TROUBLESHOOTING

If you encounter issues with your Luqeeq 360 Car Camera System, refer to the following common problems and solutions:

- **No Image Display:**
 - Check all cable connections between the cameras, extension cords, and the car radio/navigator.
 - Ensure the car radio/navigator is powered on and configured to display the camera input.
 - Verify the vehicle's battery is providing adequate power.
- **Distorted or Unclear Image:**
 - Clean the camera lenses for any obstructions (dirt, water, fog).
 - Check for loose or damaged cable connections.
 - Ensure the camera is securely mounted and not vibrating.
 - Verify compatibility with your car radio/navigator's software.
- **Incorrect Panoramic View:**
 - The system may require calibration through your car radio/navigator's 360-degree view software. Refer to your car radio/navigator's manual for calibration procedures.
 - Ensure cameras are installed in the correct positions and orientations.
- **Intermittent Functionality:**
 - Inspect for loose connections or intermittent power supply.
 - Check for any electromagnetic interference from other vehicle electronics.

If these steps do not resolve the issue, please contact Luqeeq customer support for further assistance.

9. WARRANTY AND SUPPORT

Luqeeq products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your purchase or visit the official Luqeeq website. For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact Luqeeq customer service through the contact information provided on our website or your purchase documentation.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question