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› Kadimendum 360 Degree Car Camera System User Manual (Model: Kadimendumq0cbvx9oyt-12)

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Kadimendum 360 Degree Car Camera System

USER MANUAL (MODEL: KADIMENDIUMQ0CBVX9OYT-12)

1. Introduction

Welcome to the user manual for your Kadimendum 360 Degree Car Camera System. This manual provides essential information for the proper installation, operation, and maintenance of your new panoramic surround view camera system. Please read these instructions carefully before installation and use to ensure optimal performance and longevity of the product.

2. Product Overview

The Kadimendum 360 Degree Car Camera System is designed to enhance driving safety by providing a comprehensive panoramic view around your vehicle. It integrates four high-resolution cameras (front, rear, left, and right) to create a seamless 360-degree perspective, effectively reducing blind spots.

Key Features:

- **360-Degree Surround View:** Four cameras provide a complete panoramic view, aiding in parking and maneuvering.
- **AHD High Resolution (1080P):** Delivers clear and detailed footage.
- **Starlight Night Vision:** Ensures optimal visibility in low-light and dark environments.
- **IP68 Waterproof Design:** Fully sealed gel technology prevents water ingress and fogging, ensuring durability.
- **Exceptional Low Light Performance:** High sensitivity and signal-to-noise ratio for clear images in challenging light conditions.
- **Compatibility:** Designed for use with Android Auto Radio and Android navigators equipped with 360 surround view software.



Image 2.1: Overview of the Kadimendum 360 Degree Car Camera System components. This image displays the various cameras, wiring harnesses, and mounting accessories included in the system.



Image 2.2: Close-up view of two cameras from the Kadimendium 360 Degree Car Camera System, highlighting their compact design.

3. Package Contents

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

- 4 x Camera (Front, Rear, Left, Right)
- 4 x Rubber Pad
- 4 x Extension Cord
- 1 x Car Machine Special Line (Main Wiring Harness)
- 1 x Hole Opener
- 2 x Mounting Base



Image 3.1: All components included in the Kadimendum 360 Degree Car Camera System package.

4. Specifications

Feature	Detail
Item Type	360 Car Camera System
Material	Metal + ABS
Camera Type	Starlight Night Vision
Waterproof Grade	IP68
Applicable Models	For Android navigator with 360 surround view software, For Android Auto Radio Night Vision 7
Installation Type	Aftermarket
Voltage	12 Volts
Optical Sensor Technology	CMOS
Lens Type	Fixed Wide Angle
Real Angle of View	360 Degrees

Feature	Detail
Connector Type	RCA
Optical Sensor Size	1/3 inch
Field Of View	360 Degrees
Item Weight	1 pounds
Model Number	Kadimendumq0cbvx9oyt-12

5. Setup and Installation

The Kadimendum 360 Car Camera System is designed for straightforward installation. It is compatible with Android Auto Radio and Android navigators that support 360 surround view software.

Installation Locations:

- **Front Camera:** Typically installed on the front grill bumper.
- **Side Cameras:** Installed on the bottom of the left and right reversing mirrors.
- **Rear Camera:** Installed in the trunk area.

General Installation Steps:

1. **Preparation:** Ensure your vehicle's power is off. Identify the optimal mounting locations for each camera.
2. **Mounting Cameras:** Use the provided hole opener (if necessary) and mounting bases to securely attach each camera to its designated location. Ensure the cameras are oriented correctly for their respective views (front, rear, left, right).
3. **Wiring:** Connect each camera to its corresponding extension cord. Route the extension cords and the main car machine special line through the vehicle's interior to your Android Auto Radio or navigator. The system is designed for direct plug-in to the original car port, minimizing complex wiring.
4. **Connection to Head Unit:** Connect the main wiring harness to your compatible Android Auto Radio or navigator. Ensure all connections are secure.
5. **Testing:** After installation, turn on your vehicle and the head unit. Verify that all four camera views are displayed correctly and that the 360-degree surround view software is functioning as expected.

Note: Professional installation is recommended if you are unfamiliar with automotive electrical systems or vehicle modifications.



Image 5.1: Illustrative image showing the camera system components in context with a vehicle, suggesting installation points.



Image 5.2: The camera system components displayed alongside an in-car monitor showing the 360-degree view, indicating the final setup.

6. Operating Instructions

Once properly installed and connected to a compatible Android Auto Radio or navigator with 360 surround view software, the system will provide real-time panoramic views.

Viewing Modes:

- **Automatic Activation:** The system typically activates automatically when the vehicle is put into reverse, displaying the rear view and a panoramic overhead view.
- **Manual Selection:** Depending on your Android head unit's software, you may be able to manually switch between front, rear, left, and right camera views, or a combined panoramic view. Refer to your head unit's manual for specific controls.
- **Dynamic Guidelines:** The display may include dynamic parking guidelines that adjust with your steering wheel input, assisting with parking maneuvers.



Image 6.1: Examples of the panoramic surround view display, showing front, rear, left, and right camera perspectives, as well as a combined overhead view.

7. Maintenance

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

- **Camera Lens Cleaning:** 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.
- **Wiring Inspection:** Occasionally check all wiring connections to ensure they are secure and free from damage.
- **Waterproof Integrity:** While the cameras are IP68 waterproof, avoid directing high-pressure water jets directly at the camera units during car washes.

8. Troubleshooting

If you encounter issues with your Kadimendium 360 Degree Car Camera System, please refer to the following common troubleshooting steps.

- **No Display/Black Screen:**

- Ensure all power and video connections are securely plugged into both the cameras and the head unit.
- Verify that your Android Auto Radio or navigator is powered on and functioning correctly.
- Check the settings on your head unit to ensure the camera input is selected or configured properly.

- **Distorted or Unclear Image:**

- Clean the camera lenses for any dirt, dust, or moisture.
- Check for any loose or damaged wiring that might be causing signal interference.
- Ensure the camera is securely mounted and not vibrating.

- **Incorrect View/Missing Camera Feed:**

- Verify that each camera is connected to the correct input on the main wiring harness.
- Confirm that your Android head unit's 360 surround view software is properly calibrated and configured for four cameras.

- **System Not Activating:**

- Ensure the trigger wire (e.g., reverse gear signal) is correctly connected to your head unit, if applicable.
- Consult your Android head unit's manual for camera activation settings.

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

9. Warranty and Support

For specific warranty information regarding your Kadimendum 360 Degree Car Camera System, please refer to the documentation provided at the time of purchase or contact your retailer.

If you require technical assistance, have questions about installation, or need to report a defective product, please reach out to Kadimendum customer support. Contact details are typically available on the product packaging or the seller's official website.

Return Policy: *This product typically comes with a 30-day return policy from the date of purchase. Please check with your retailer for exact terms and conditions.*