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› VEKOOTO Magnetic Backup Camera VK7 User Manual

VEKOOTO VK7

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Model: VK7

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your VEKOOTO Magnetic Backup Camera VK7. This wireless camera system is designed to enhance your safety and convenience when reversing or maneuvering your vehicle, especially when towing. Please read this manual thoroughly before using the product to ensure proper function and longevity.



Figure 1: VEKOOTO Magnetic Backup Camera VK7

This image displays the VEKOOTO Magnetic Backup Camera VK7, showcasing its compact design, integrated antenna for wireless connectivity, and the lens with surrounding LED lights for enhanced visibility.

2. WHAT'S IN THE BOX

Upon opening the package, please verify that all the following components are included:

- 1 x VEKOOTO Magnetic Backup Camera
- 1 x Charging Cable
- 1 x Charger
- 1 x Antenna

If any items are missing or damaged, please contact VEKOOTO customer support immediately.

3. SPECIFICATIONS

Feature	Detail
Product Dimensions	4 x 3.2 x 4 inches (10.16 x 8.13 x 10.16 cm)
Item Weight	1.98 pounds (0.9 kg)
Batteries	3 Lithium Ion batteries required (included)
Compatible Devices	VK7 Monitor
Installation Type	Surface Mount
Video Capture Resolution	1080p
Optical Sensor Technology	CCD CMOS
Lens Type	Wide Angle, Fixed
Connector Type	Wireless
Optical Sensor Size	1/3 inch

4. SETUP AND INSTALLATION

The VEKOOTO Magnetic Backup Camera VK7 is designed for easy surface mount installation. Follow these steps for optimal performance:

1. **Charge the Camera:** Before first use, fully charge the camera's internal Lithium Ion batteries using the provided charging cable and charger. Ensure the camera is powered off during charging.
2. **Attach the Antenna:** Screw the antenna firmly onto the designated port on the camera. Ensure it is securely attached for stable wireless signal transmission.
3. **Select Mounting Location:** Choose a suitable flat, metallic surface at the rear of your vehicle (e.g., tailgate, bumper, trailer hitch area) where the camera can have a clear, unobstructed view. The magnetic base allows for flexible positioning. Ensure the camera is mounted securely and will not shift during vehicle movement.
4. **Mount the Camera:** Place the magnetic base of the camera firmly onto the chosen metallic surface. The strong magnet will hold it in place. Adjust the camera angle to achieve the desired viewing perspective.
5. **Pair with VK7 Monitor:**
 - Power on your VK7 Monitor.
 - Power on the VEKOOTO Magnetic Backup Camera.
 - Refer to your VK7 Monitor's manual for specific pairing instructions. Generally, you will need to access the monitor's settings menu and initiate a pairing search for new cameras.

- Once paired, the camera's live feed should appear on the monitor.
6. **Test Functionality:** Before driving, test the camera's functionality by engaging reverse gear (if applicable) or simply observing the live feed on the monitor. Check for clear image quality and proper wireless connection.

5. OPERATING INSTRUCTIONS

Once installed and paired, operating your VEKOOTO Magnetic Backup Camera VK7 is straightforward:

- **Power On/Off:** The camera typically powers on automatically when the vehicle's reverse gear is engaged (if wired to reverse lights) or can be manually powered on via its power button. Ensure the VK7 Monitor is also powered on to receive the signal.
- **Viewing the Feed:** The 1080p video feed from the camera will be displayed on your VK7 Monitor. The wide-angle lens provides a broad view of the area behind your vehicle.
- **Night Vision:** The camera is equipped with LED lights and CCD CMOS optical sensor technology to provide clear images even in low-light conditions.
- **Wireless Connection:** The camera connects wirelessly to the VK7 Monitor, eliminating the need for complex wiring between the camera and the monitor. Maintain a clear line of sight between the camera and monitor for optimal signal strength.

6. MAINTENANCE

To ensure the longevity and optimal performance of your VEKOOTO Magnetic Backup Camera VK7, follow these maintenance guidelines:

- **Cleaning the Lens:** 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.
- **Battery Care:** While the camera uses rechargeable Lithium Ion batteries, avoid prolonged exposure to extreme temperatures, which can affect battery life. Charge the camera as needed.
- **Magnetic Base:** Periodically check the magnetic base and the mounting surface for any debris that might prevent a secure attachment.
- **Antenna Check:** Ensure the antenna remains securely screwed in and is not bent or damaged.
- **Storage:** If storing the camera for an extended period, ensure it is fully charged and stored in a cool, dry place.

7. TROUBLESHOOTING

If you encounter issues with your VEKOOTO Magnetic Backup Camera VK7, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image on VK7 Monitor / Camera will not sync	Camera not powered on. Camera battery is low or depleted. Monitor not powered on or set to incorrect input. Pairing issue between camera and monitor. Obstruction between camera and monitor.	Ensure camera is powered on. Charge the camera fully. Ensure VK7 Monitor is on and selected to the correct camera input channel. Re-attempt the pairing process as described in Section 4. Relocate camera or monitor to improve line of sight.
Poor image quality / Blurry image	Dirty camera lens. Weak wireless signal. Camera not focused (though fixed lens).	Clean the camera lens with a soft cloth. Ensure antenna is securely attached. Reduce distance or remove obstructions between camera and monitor.
Intermittent signal / Freezing image	Interference from other wireless devices. Distance too great between camera and monitor. Weak battery.	Move away from sources of strong electromagnetic interference. Ensure camera and monitor are within effective wireless range. Charge the camera.

If the problem persists after trying these solutions, please contact VEKOOTO customer support for further assistance.

8. WARRANTY AND SUPPORT

VEKOOTO stands behind the quality of its products. For information regarding warranty coverage, technical support, or replacement parts, please contact VEKOOTO customer service through their official website or the contact information provided with your purchase.

Please have your product model (VK7) and purchase details ready when contacting support.