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› [AUTO-VOX Wireless Backup Camera Kit User Manual \(Model: B0FFGKTKGJ\)](#)

AUTO-VOX B0FFGKTKGJ

AUTO-VOX Wireless Backup Camera Kit User Manual

Model: B0FFGKTKGJ

Brand: AUTO-VOX

1. OVERVIEW

The AUTO-VOX Wireless Backup Camera Kit provides a reliable and convenient solution for enhanced visibility when operating RVs, trucks, and trailers. This system features a 5-inch HD monitor, a magnetic-mount camera with solar charging capabilities, and supports dual-channel display for comprehensive rear and front views. Designed for quick installation and robust performance, it includes essential components for immediate use.



Figure 1: AUTO-VOX Wireless Backup Camera Kit components including the 5-inch HD monitor, magnetic camera, solar panel, and various power cables.

2. PACKAGE CONTENTS

- 5" HD Monitor
- Wireless Backup Camera
- Power Cable (for monitor)
- Solar Panel/USB Charging Cable (for camera)
- Storage Bag

3. PRODUCT FEATURES

- **1-Minute Magnetic Installation:** The camera features a rubber-coated magnetic base for quick, tool-free attachment to metal surfaces, protecting vehicle paint. An optional iron sheet base is included for non-metallic surfaces.
- **Strong & Reliable Wireless Signal:** Equipped with an upgraded 2.4GHz chip, providing a stable signal up to 50ft, suitable

for RVs, campers, and heavy-duty vehicles.

- **Extended Battery Life:** The camera offers over 15 hours of runtime per charge, with a smart sleep mode and auto-wake function for instant use.
- **1080P Night Vision & Wide-Angle View:** Dual IR LEDs and a wide-angle lens ensure clear night vision. The system supports dual-channel display for front and rear views, enhancing safety and blind spot coverage.
- **Flexible Power Options:** Includes a solar panel for continuous charging and a USB 5V to 12V cable, eliminating the need for a cigarette lighter port.

4. SETUP AND INSTALLATION

4.1 Camera Installation

The wireless backup camera is designed for quick and easy installation. It features a strong magnetic base with a rubber coating to prevent scratches on your vehicle's paint. For non-metallic surfaces, an iron sheet base is provided for secure mounting.

1. **Charge the Camera:** Before first use, ensure the camera's internal battery is fully charged using the provided USB cable or by exposing the solar panel to direct sunlight.
2. **Attach the Camera:** Securely attach the camera to a suitable metallic surface at the rear of your vehicle (e.g., trailer hitch, bumper). If mounting on a non-metallic surface, first attach the included iron sheet base using screws, then attach the camera magnetically to the base.
3. **Adjust Camera Angle:** The camera unit allows for manual tilting to achieve the desired viewing angle.



Figure 2: Easy three-step installation process for the camera's magnetic base.

1Min Portable Installation



Figure 3: The magnetic camera attached to a trailer hitch, with the monitor displaying the view inside the vehicle.

4.2 Monitor Placement

The 5-inch HD monitor can be placed on your vehicle's dashboard or windshield using the provided suction cup mount. Ensure the monitor is positioned where it does not obstruct your view of the road.

1. **Attach Mount:** Secure the suction cup mount to a clean, smooth surface (dashboard or windshield).
2. **Connect Monitor:** Attach the monitor to the mount.
3. **Power On:** Plug the monitor's power cable into a 12V power outlet in your vehicle. The power adapter includes an additional USB port for charging other devices.



Release the Cigarette Lighter



Figure 4: The USB 5V to 12V cable connected to a vehicle's USB port, providing power to the monitor and camera, freeing up the cigarette lighter.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

Once the monitor is powered on and the camera is charged and activated, the video feed should automatically display. The system is designed for instant use with its auto-wake feature.

- **Power Button:** Use the power button on the monitor to turn the display on/off.

- **Menu Navigation:** The monitor features buttons for navigating settings such as brightness, contrast, and display options.
- **Dual-Channel Display:** If an additional camera is paired, the monitor can display both feeds simultaneously or switch between them.



Security Monitoring



Figure 5: The monitor displaying security footage from a camera mounted on an RV, showing the interior for monitoring.



Figure 6: The monitor displaying a rear view from an RV, highlighting the system's capability to observe surroundings from anywhere.

6. MAINTENANCE

To ensure optimal performance and longevity of your AUTO-VOX Wireless Backup Camera Kit, follow these maintenance guidelines:

- **Solar Charging:** Position the camera's solar panel to receive maximum sunlight exposure for continuous charging.
- **USB Charging:** If solar charging is insufficient (e.g., during prolonged periods of low light), use the provided USB cable to charge the camera's internal battery.
- **Cleaning:** Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure clear vision and efficient charging.
- **Waterproof Rating:** The camera has an IP69K waterproof rating, making it resistant to high-pressure water jets and dust. However, avoid prolonged submersion.

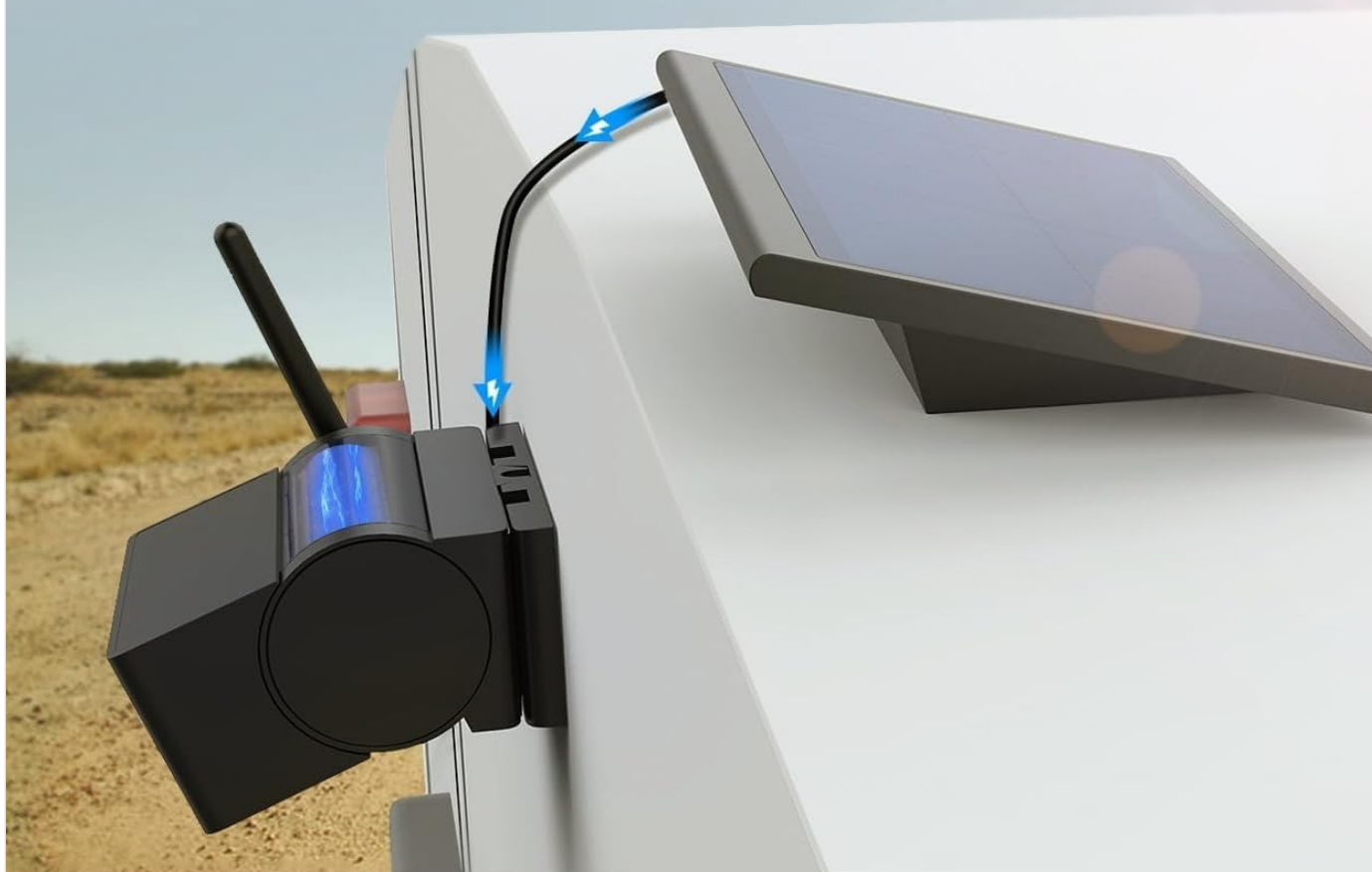


Extra-Long Battery Life



Figure 7: The wireless camera highlighting its long battery life, smart sleep mode, and auto-wake features for energy efficiency.

Super Solar Capacity Battery



Recommended Matching Sets



Figure 8: The solar panel connected to the camera, illustrating continuous charging for nonstop power.

7. TROUBLESHOOTING

- **No Signal:** Ensure both the camera and monitor are powered on and within range (up to 50ft). Check for any obstructions that might interfere with the 2.4GHz wireless signal.
- **Poor Image Quality:** Clean the camera lens. Ensure the camera is fully charged. Adjust brightness and contrast settings on the monitor.
- **Battery Draining Quickly:** Verify the solar panel is receiving adequate sunlight. If not, charge the camera via USB. Ensure smart sleep mode is active.
- **Monitor Not Powering On:** Check the 12V power connection. Ensure the vehicle's power outlet is functional.

8. SPECIFICATIONS

Feature	Specification
Product Dimensions	6.1 x 4.33 x 7.87 inches
Item Weight	2.8 pounds
Batteries	2 Lithium Ion batteries (included)
Display Technology	LCD
Screen Size	5 Inches
Color	Black
Voltage	12 Volts
Optical Sensor Technology	CMOS
Lens Type	Wide Angle, Fixed
Real Angle of View	120 Degrees
Installation Type	Surface Mount (Magnetic with optional screw-on base)
Compatible Devices	Chevrolet Silverado, Ford F-150, Jeep Grand Cherokee, Ram 1500, Toyota Tacoma (and similar vehicles)

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official AUTO-VOX website or contact customer service directly. Warranty details may also be available on the product packaging or included documentation.