

Absolute KVT-7012BT

Absolute KVT-7012BT Night Vision License Plate Rear View Camera Instruction Manual

Model: KVT-7012BT | Brand: Absolute

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Absolute KVT-7012BT Night Vision License Plate Rear View Camera. Designed for enhanced vehicle safety, this camera offers clear night vision, parking grid lines, and a wide-angle view, compatible with various car audio systems. Please read these instructions thoroughly before installation and use to ensure proper function and safety.

WHAT'S IN THE BOX

Upon opening the package, verify that all components are present:

- License Plate Frame with Integrated Camera
- Video Cable (RCA)
- Power Cable
- Mounting Hardware (screws, wrench)
- User Manual

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Video: This video demonstrates the unboxing and shows the various components included with the GLK License Plate Backup Camera, such as the camera frame, cables, and manual.

SETUP AND INSTALLATION

Follow these steps for proper installation of your rear view camera:

1. **Mounting the Camera:** Secure the license plate frame with the integrated camera to your vehicle's rear license plate area using the provided screws. Ensure the camera lens is unobstructed and facing backward.
2. **Connecting Power:**
 - Connect the red wire from the camera's power cable to the positive (+) terminal of your vehicle's reverse light circuit. This ensures the camera activates automatically when the vehicle is put into reverse.
 - Connect the black wire from the camera's power cable to a suitable ground point on the vehicle chassis.

3. Connecting Video:

- Connect the yellow RCA video cable from the camera to the video input on your car's display unit (e.g., head unit, monitor).
- Route the video cable securely from the rear of the vehicle to the front, avoiding moving parts, heat sources, and sharp edges.

4. **Testing:** After all connections are made, test the camera by putting the vehicle in reverse. The image should appear on your display.

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Video: This video provides a detailed demonstration of wiring a license plate backup camera to a vehicle's reverse lights and carefully routing the video cable to the front display unit.

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Video: A customer's installation of the GLK Backup Camera, showcasing the final wiring connections and secure cable routing underneath the vehicle chassis.

OPERATING INSTRUCTIONS

The Absolute KVT-7012BT camera is designed for automatic operation:

- When your vehicle is shifted into reverse gear, the camera will automatically power on and transmit the video feed to your connected display unit.
- The display will show a wide-angle view of the area behind your vehicle, along with parking grid lines to assist with maneuvering.
- The integrated night vision (I.R. camera) ensures clear visibility even in low-light conditions.



Image: The Absolute KVT-7012BT Night Vision License Plate Rear View Camera, showing its integrated design within a license plate frame with LED lights.

MAINTENANCE

To ensure optimal performance and longevity of your camera:

- **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.
- **Connection Check:** Periodically inspect all wiring connections for any signs of wear, corrosion, or looseness. Secure any loose connections.

- **Weather Protection:** The camera is IP68 rated for weather resistance, but extreme conditions (e.g., high-pressure car washes) should be approached with caution to prevent potential damage.

TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common problems and solutions:

- **No Image on Display:**
 - Check all power and video cable connections to ensure they are secure and correctly plugged in.
 - Verify that the camera is receiving power (e.g., by checking the reverse light circuit).
 - Ensure your display unit is set to the correct video input channel.
- **Poor Image Quality:**
 - Clean the camera lens.
 - Check for any obstructions around the camera.
 - Ensure the video cable is not damaged or experiencing interference.
- **Parking Grid Lines Not Appearing/Incorrect:**
 - Refer to your display unit's manual for settings related to parking lines, as some units control this feature.
 - The camera features selectable grid lines, ensure they are enabled if desired.

SPECIFICATIONS

Image Sensor	True CMOS
System	PAL/NTSC Compatible
Effective Pixels	648H x 492V
Resolution	More than 420TVL (TV Lines)
Lens Angle	Ultra-Wide Angle 180 Degrees
Horizontal Angle	120 Degrees
Vertical Angle	90 Degrees
IP Rating	IP68 (Weatherproof / Waterproof / Vibration Resistant)
Power Supply	12 Volt DC
Connector Type	RCA
Product Dimensions	5 x 5 x 5 inches
Item Weight	10 pounds

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the manufacturer's official website. Keep your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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