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BLAUPUNKT XC363B

BLAUPUNKT XC363B Universal License Plate Frame Rear View Camera

USER MANUAL



The image displays the retail packaging for the BLAUPUNKT XC363B License Plate Frame Rear View Camera. The box highlights key features such as 'Waterproof', '8 IR LED Night Vision', and '170° View Angle'. The camera is integrated into a black license plate frame, visible on the right side of the packaging.

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1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your BLAUPUNKT XC363B Universal License Plate Frame Rear View Camera. This device is designed to enhance vehicle safety by providing a clear view of the area behind your vehicle, particularly useful during

reversing maneuvers.

Key features of the XC363B include:

- **Waterproof Design:** Ensures reliable performance in various weather conditions.
- **8 IR LED Night Vision:** Provides improved visibility in low-light environments.
- **170° View Angle:** Offers a wide field of view to minimize blind spots.

2. Safety Information

Please read all safety instructions carefully before installing and operating the camera. Failure to follow these instructions may result in injury or damage to the product or vehicle.

- Always disconnect the vehicle's battery before beginning any electrical installation.
- Ensure all wiring is properly insulated and secured to prevent short circuits or damage.
- Do not obstruct the driver's view or interfere with vehicle controls during installation.
- The camera is an aid for reversing and does not replace the driver's responsibility to check surroundings manually.
- Consult a professional if you are unsure about any part of the installation process.

3. Setup and Installation

The BLAUPUNKT XC363B camera is designed for license plate installation. The following steps outline the general installation process. Specific vehicle wiring may vary.

3.1 Package Contents

- BLAUPUNKT XC363B License Plate Rear Camera
- Video Cable (RCA type)
- Power Cable
- Mounting Hardware

3.2 Installation Steps

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and the parking brake is engaged. Disconnect the negative terminal of the vehicle's battery.
2. **Mount the Camera:** Remove your existing license plate. Position the XC363B license plate frame over the license plate and secure it to the vehicle using the provided mounting hardware. Ensure the camera lens is not obstructed and has a clear view.
3. **Connect Power:** Locate the vehicle's reverse light wiring. Connect the red wire of the camera's power cable to the positive (+) wire of the reverse light. Connect the black wire of the camera's power cable to a suitable ground point on the vehicle chassis. This will power the camera when the vehicle is in reverse. The camera requires a 12 Volt power supply.
4. **Connect Video Cable:** Route the RCA video cable from the camera to the location of your monitor. Connect one end of the RCA cable to the camera's video output.
5. **Connect to Monitor:** Connect the other end of the RCA video cable to the video input of your compatible monitor. Ensure the monitor is set to display the correct video input.
6. **Test the System:** Reconnect the vehicle's battery. Start the vehicle and shift into reverse (with the parking brake still engaged). The camera image should appear on your monitor. Adjust the camera angle if necessary.

Note: The length of the video cable may vary. For larger vehicles, an extension cable may be required (not included).

4. Operating Instructions

The BLAUPUNKT XC363B camera operates automatically when the vehicle is shifted into reverse, provided it is correctly installed and connected to the reverse light circuit.

- **Automatic Activation:** When you engage reverse gear, the camera will automatically power on and transmit video to your connected monitor.
- **Wide-Angle View:** The 170-degree wide-angle lens provides an expansive view of the area behind your vehicle, helping to identify obstacles and other vehicles.
- **Night Vision:** The integrated 8 IR LEDs activate automatically in low-light conditions, enhancing visibility during nighttime or in dark environments.
- **Distance Lines:** The camera output includes on-screen distance guidelines to assist with judging distances while reversing. These lines are for reference only and should not be solely relied upon.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your camera.

- **Cleaning the Lens:** Periodically clean the camera lens with a soft, damp cloth to remove dirt, dust, or water spots. Avoid abrasive cleaners that could scratch the lens.
- **Checking Connections:** Occasionally inspect all wiring connections to ensure they are secure and free from corrosion or damage.
- **Weather Resistance:** The camera is designed to be waterproof and weatherproof. However, extreme conditions or prolonged exposure to harsh elements may affect its performance over time.

6. Troubleshooting

If you encounter issues with your BLAUPUNKT XC363B camera, refer to the following common problems and solutions:

- **No Image on Monitor:**
 - Check all power connections to ensure the camera is receiving 12V power when in reverse.
 - Verify the RCA video cable is securely connected at both the camera and the monitor.
 - Ensure your monitor is set to the correct video input channel.
 - Confirm the vehicle's reverse lights are functioning correctly.
- **Poor Image Quality / Blurry Image:**
 - Clean the camera lens thoroughly.
 - Check for any obstructions around the camera lens.
 - Ensure the video cable is not damaged or kinked.
 - Verify the monitor's display settings (brightness, contrast) are properly adjusted.
- **Camera Not Activating:**
 - Recheck the power connection to the reverse light circuit. Ensure it is connected to the correct wire that receives power only when reverse gear is engaged.
 - Confirm the ground connection is solid.

If problems persist after attempting these solutions, contact BLAUPUNKT customer support for further assistance.

7. Specifications

Model Number	XC363B
Product Dimensions	10 x 5 x 4 inches
Item Weight	1.41 pounds
Voltage	12 Volts
Optical Sensor Technology	CCD CMOS
Lens Type	Wide Angle
Real Angle of View	170 Degrees
Connector Type	RCA
Night Vision	8 IR LED
Waterproof	Yes
Color	Black
Installation Type	License Plate
Compatible Devices	Monitor

8. Warranty and Support

BLAUPUNKT products are manufactured to high-quality standards. For information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official BLAUPUNKT website.

For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact BLAUPUNKT customer service. Contact information can typically be found on the product packaging or the official BLAUPUNKT website.