Manuals+
Q & A | Deep Search | Upload

Garmin 010-12242-10

Garmin BC 30 Wireless Backup Camera User Manual

Model: 010-12242-10

Introduction

The Garmin BC 30 Wireless Backup Camera is designed to enhance vehicle safety by providing a clear view of the area behind your vehicle. When paired with a compatible Garmin GPS navigator, this system helps drivers detect vehicles, pedestrians, and other obstacles while reversing. The camera's wireless transmitter sends video to your navigator's display, offering convenience and improved situational awareness.

Package Contents

Verify that all components are present in your package:

- Garmin BC 30 Wireless Backup Camera
- Wireless Transmitter
- Power Cable with Integrated Receiver (for compatible Garmin GPS navigators)
- Mounting Hardware

Image: The Garmin BC 30 Wireless Backup Camera system includes the camera unit, a wireless transmitter box, a power cable with an integrated receiver for the GPS, and additional wiring components.

Setup and Installation

Proper installation is crucial for optimal performance. It is recommended to have this device installed by a qualified professional if you are unfamiliar with vehicle electrical systems.

Mounting the Camera

1. Select a suitable mounting location at the rear of your vehicle, typically near the license plate, ensuring a clear view. The camera is designed for surface mount installation.
2. Securely attach the camera using the provided mounting hardware.

Wiring the Camera

1. Connect the camera's power leads to your vehicle's reverse lights. This configuration ensures the camera activates automatically when the vehicle is shifted into reverse.
2. Alternatively, the camera can be wired to a constant power source, allowing you to manually toggle between the camera view and navigation display on your compatible Garmin device.
3. Ensure all electrical connections are secure and properly insulated to prevent short circuits and water damage. The camera is rugged and designed to withstand harsh weather conditions.

Connecting to Your Garmin Navigator

1. Replace your compatible Garmin navigator's standard power cable with the BC 30 power cable, which includes the integrated wireless receiver.
2. Plug the new power cable into your vehicle's 12V power outlet.
3. The camera wirelessly transmits video up to 45 feet to the receiver integrated into the power cable, which then displays on your navigator.

Operation

Once installed and powered, the BC 30 camera system operates seamlessly with your compatible Garmin GPS navigator.

Automatic Activation

If wired to your vehicle's reverse lights, the camera view will automatically appear on your Garmin navigator's screen when you shift into reverse. The display will revert to the navigation screen when you shift out of reverse.

Manual Toggle

If wired to constant power, you can manually switch between the camera view and the navigation display on your Garmin device. Refer to your specific Garmin navigator's user manual for instructions on accessing and toggling the backup camera view.

Maintenance

The Garmin BC 30 is designed for durability and minimal maintenance.

- **Cleaning the Lens:** Periodically clean the camera lens with a soft, damp cloth to ensure a clear image. Avoid abrasive cleaners that could scratch the lens.
- **Checking Connections:** Occasionally inspect all wiring connections for corrosion or damage, especially after exposure to harsh weather or off-road conditions.
- **Weather Resistance:** The camera is rugged enough to withstand various weather conditions, but extreme temperatures or prolonged submersion should be avoided.

Troubleshooting

If you encounter issues with your BC 30 Wireless Backup Camera, refer to the following common solutions:

- **No Image on Display:**
    - Ensure the camera and wireless transmitter are receiving power.
    - Verify that the Garmin navigator is properly connected to the BC 30 power cable with the integrated receiver.
    - Check that the navigator is set to display the backup camera feed.
    - Confirm the wireless transmitter and receiver are within range (up to 45 feet) and not obstructed by large metal objects.
- **Poor Image Quality:**
    - Clean the camera lens to remove dirt, dust, or moisture.

    - Ensure the camera is securely mounted and not vibrating.
    - Image resolution may vary based on the compatible GPS navigator's display capabilities.

- **Image Delay:**
  A slight delay of 1-2 seconds when activating the camera view is normal for this wireless system.

Specifications

Model Number	010-12242-10
Brand	Garmin
Product Dimensions	0.9 x 2.5 x 2.5 inches (Camera Unit)
Item Weight	4.8 ounces
Installation Type	Surface Mount
Operating Voltage	Up to 28 Volts (DC)
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Real Angle of View	90 Degrees
Connector Type	Wireless (2.4 GHz ISM radio band)
Color	Black

Compatible Devices

The Garmin BC 30 Wireless Backup Camera is compatible with a wide range of Garmin GPS navigators. A partial list of compatible models includes:

- Garmin Drive series (e.g., Drive 50, Drive 51 LM, Drive 52, Drive 60LM, Drive 61 LM)
- Garmin DriveAssist series (e.g., DriveAssist 50LMT, DriveAssist 51 LMT-S)
- Garmin DriveLuxe series (e.g., DriveLuxe 50LMTHD, DriveLuxe 51 LMT-S)
- Garmin DriveSmart series (e.g., DriveSmart 50LMT, DriveSmart 51 LMT-S, DriveSmart 55, DriveSmart 60LMT, DriveSmart 61 LMT-S, DriveSmart 65)
- Garmin dēzl series (e.g., dēzl 570LMT, dēzl 580 LMT-S, dēzl 770LMTHD, dēzl OTR700)
- Garmin nüvi series (e.g., nüvi 2457LMT, nüvi 2497LMT, nüvi 2539LMT, nüvi 2557LMT, nüvi 2558LMTHD, nüvi 55, nüvi 56, nüvi 57, nüvi 58)
- Garmin RV series (e.g., RV 660LMT, RV 770 LMT-S, RV 780)

For a complete and up-to-date list of compatible devices, please refer to the official Garmin website or your navigator's documentation.

Warranty and Support

For information regarding the product warranty, technical support, or service, please visit the official Garmin support website or contact Garmin customer service. Keep your purchase receipt as proof of

purchase for warranty claims.