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Garmin 010-01866-00

Garmin BC 40 Wireless Backup Camera User Manual

Brand: Garmin | Model: 010-01866-00

Product Overview

The Garmin BC 40 is a wireless backup camera designed to provide a clear view of what's behind your vehicle when backing up. It pairs wirelessly with compatible Wi-Fi enabled Garmin navigators, displaying the camera view directly on the navigation screen. This battery-powered camera offers quick and easy installation without the need for drilling or complex wiring, attaching directly to your vehicle's license plate mount. Its rugged, weatherproof design ensures reliable performance in various road conditions.



Image: The Garmin BC 40 wireless backup camera, a compact black cylindrical device.

Key Features

- Works with compatible Wi-Fi enabled Garmin navigators to display the rear view.
- Quick and easy installation by snapping into the included license plate mount.
- Wirelessly pairs with a compatible Wi-Fi enabled Garmin navigator for seamless integration.
- Transmits data up to 25 feet, providing a wide and clear video image.
- Rugged and weatherproof (water-rated to IPX7) to withstand various road conditions.
- Supports voice commands to initiate the BC 40 camera view on compatible navigators.
- Battery-powered, using 2 AA lithium batteries (sold separately) with a battery life of up to 3 months with average use.

What's in the Box

- BC 40 wireless backup camera
- Mounting bracket
- Documentation (User Manual)

Setup and Installation

The Garmin BC 40 is designed for straightforward installation without the need for complex wiring or drilling. Follow these steps to set up your camera:

1. **Prepare the Camera:** Insert 2 AA lithium batteries (sold separately) into the BC 40 camera.
2. **Attach Mounting Bracket:** Secure the included license plate mounting bracket to your vehicle's license plate. Ensure it is firmly attached.
3. **Snap Camera into Place:** Once the bracket is installed, snap the BC 40 camera securely into the mounting bracket.
4. **Pair with Navigator:** Power on your compatible Wi-Fi enabled Garmin navigator. The BC 40 will wirelessly pair with the navigator, allowing the camera view to be displayed on the screen. Refer to your navigator's manual for specific pairing instructions if needed.

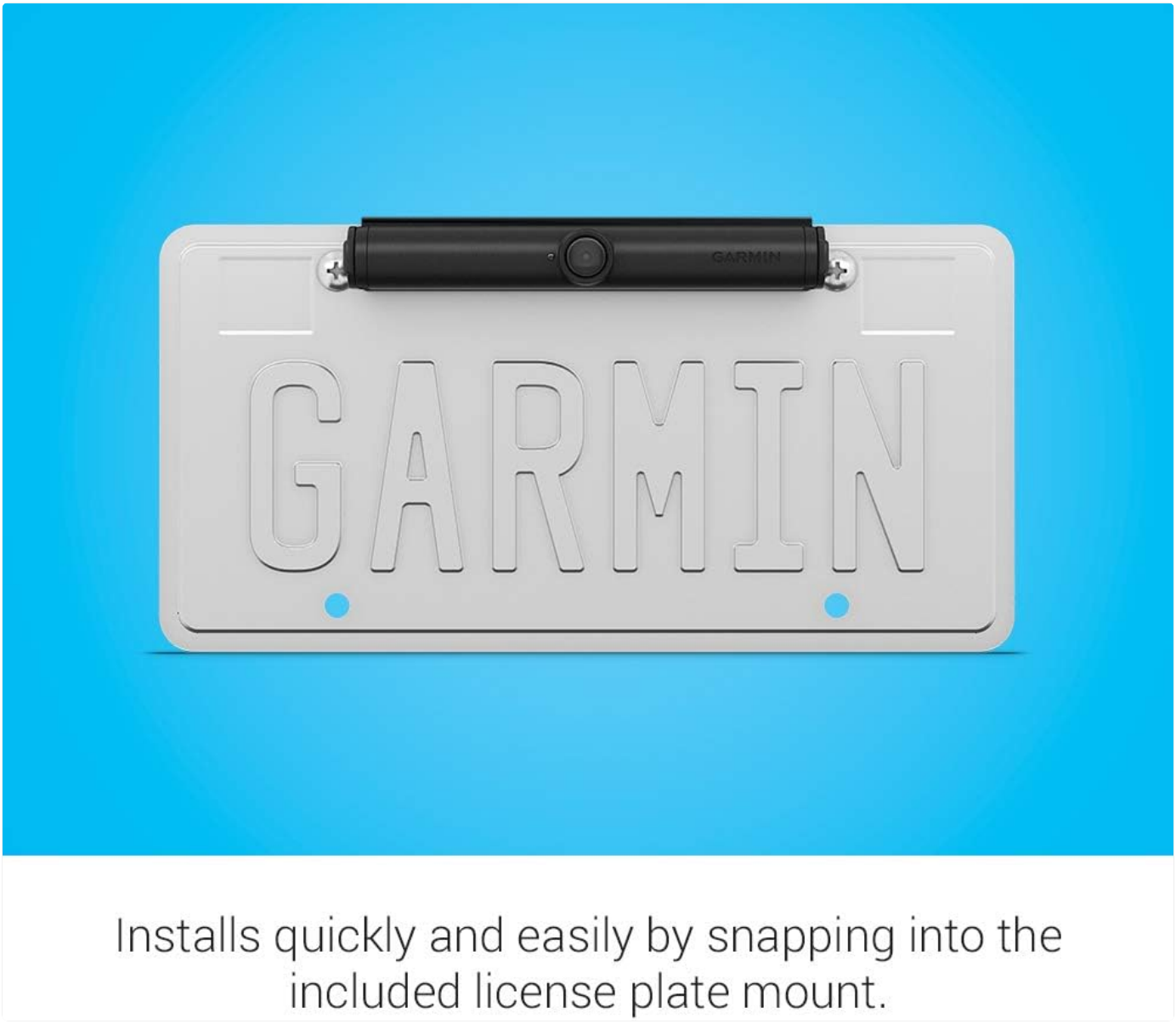

Image: The Garmin BC 40 camera integrated into a license plate frame, illustrating its easy snap-in installation.



Image: A Garmin BC 40 camera shown wirelessly connecting to a Garmin navigator, demonstrating the pairing process.

Your browser does not support the video tag.

Video: An official Garmin video demonstrating the installation and basic operation of the BC 40 Wireless Backup Camera.

Operation

Once installed and paired, the Garmin BC 40 provides a clear, wide-angle view of the area behind your vehicle. The camera view will appear on your compatible Garmin navigator's display when you engage reverse gear or activate it via voice command.

- **Automatic Activation:** The camera is designed to activate automatically when your vehicle is put into reverse, displaying the live feed on your Garmin navigator.
- **Voice Control:** For compatible navigators, you can use voice commands such as "Show Video" to manually activate the camera view at any time.
- **Display Guidelines:** The navigator display will typically show colored guidelines (green, yellow, red) to assist with judging distance and proximity to objects behind your vehicle.
- **Field of View:** The camera provides a wide field of view (160 degrees real angle of view) to help you see obstacles and surroundings clearly.



Image: A Garmin navigator screen showing the live feed from the BC 40 camera, complete with parking guidelines and a "Check Surroundings for Safety" message.

Maintenance

To ensure optimal performance and longevity of your Garmin BC 40 camera, consider the following maintenance tips:

- **Battery Replacement:** The camera is powered by 2 AA lithium batteries. Replace them when the battery indicator on your navigator shows low power or when the camera's performance degrades. Lithium batteries are recommended for best performance and battery life (up to 3 months with average use).
- **Cleaning:** Periodically clean the camera lens with a soft, damp cloth to ensure a clear view. Avoid abrasive cleaners that could scratch the lens.
- **Weather Resistance:** The BC 40 is water-rated to IPX7, meaning it can withstand splashes, rain, or snow. However, avoid submerging the device in water.
- **Secure Mounting:** Regularly check that the camera is securely snapped into its mounting bracket to prevent accidental dislodgement, especially after driving on rough terrain.



Image: The Garmin BC 40 camera shown with water droplets, highlighting its rugged and weatherproof (IPX7) capabilities.

Troubleshooting

If you encounter issues with your Garmin BC 40, try the following troubleshooting steps:

- **No Camera View on Navigator:**
  - Ensure the BC 40 has fresh batteries and is powered on.
  - Verify that the camera is correctly paired with your Garmin navigator. Re-pair if necessary.
  - Check that your Garmin navigator is compatible with the BC 40.
  - Ensure there are no significant obstructions between the camera and the navigator that could interfere with the wireless signal.
- **Poor Image Quality:**
  - Clean the camera lens to remove dirt, dust, or water spots.
  - Ensure adequate lighting conditions. While the camera performs well in varying light, extreme darkness or direct glare can affect image clarity.
- **Camera Not Staying in Mount:**
  - Ensure the camera is fully snapped into the mounting bracket.

- Check the mounting bracket for any damage or wear that might prevent a secure fit.

Technical Specifications

Product Dimensions	10.2 x 6.6 x 2.7 inches (Packaging) / 6.3"L x 0.9"W x 1"H (Camera)
Item Weight	2.08 ounces
Model Number	010-01866-00
Batteries	2 AA Lithium batteries required (sold separately)
Special Features	Rugged and Weatherproof (IPX7), Transmits Data up to 25', Wirelessly Pairs with Compatible Wi-Fi Enabled Garmin Navigator, Voice Control, Easy Installation
Display Technology	LCD (on compatible navigator)
Color	Black
Manufacturer	Garmin
Compatible Devices	Garmin navigators (Wi-Fi enabled)
Installation Type	Flush Mount (on license plate)
Video Capture Resolution	1080p (output resolution may vary based on navigator)
Optical Sensor Technology	CMOS
Lens Type	Wide Angle, Fixed
Real Angle of View	160 Degrees
Connector Type	Wireless

Warranty and Support

Garmin products are built to high standards and come with a manufacturer's warranty. For specific warranty details, please refer to the documentation included with your product or visit the official Garmin website.
For further assistance, technical support, or to download the full user manual in PDF format, please visit the Garmin support website or refer to the link below:
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