

B-Qtech 43235-36645

B-Qtech Backup Camera and Monitor 43235-36645 User Manual

Model: 43235-36645 | Brand: B-Qtech

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your B-Qtech Backup Camera and Monitor system. Please read this manual thoroughly before use to ensure proper functionality and safety. Keep this manual for future reference.

PRODUCT OVERVIEW

The B-Qtech Backup Camera and Monitor system is designed to assist drivers with reversing and parking by providing a clear view of the area behind the vehicle. It features a 4.3-inch LCD display and a wide-angle camera.

Key Features:

- **Display:** 4.3-inch LCD Monitor
- **Voltage:** 12 Volts
- **Lens Type:** Wide Angle (180-degree viewing angle)
- **Optical Sensor Size:** 1/3 inch
- **Video Capture Resolution:** 480p
- **Low Lux Rating:** 0.1 Lux for improved low-light performance
- **Dual Video Inputs:** AV1 for backup camera, AV2 for optional video source.
- **Adjustable Angle:** Monitor angle can be adjusted for optimal viewing.
- **Sunshade Design:** Integrated sunshade to reduce glare.

Components:

The system typically includes the 4.3-inch LCD monitor, a backup camera, and necessary wiring for power and video connection.



Image: The 4.3-inch HD Color LCD Monitor, highlighting features such as HD recording, reversing priority, low power consumption, rotatable screen, ease of installation, and adjustable brightness.

HD Color LCD Monitor



HD record



Reversing Priority



Low power
consumption



Supports screen
rotatable



Easy to install



Adjustable
brightness

Image: All components of the B-Qtech Backup Camera and Monitor system, including the monitor, power cable, RCA video cables, and the product manual.

SETUP AND INSTALLATION

Follow these steps for proper installation of your backup camera and monitor system.

1. Mounting the Monitor:

1. Choose a suitable location on your dashboard or windshield that does not obstruct your view while driving.
2. Use the provided adhesive pad or suction cup mount to secure the monitor.
3. Adjust the monitor angle for optimal visibility. The monitor features a free angle adjustment mechanism, allowing you to rotate it 360 degrees to suit your installation position.

Free Angle Adjustment

According to your installation position, you can adjust the angle of the monitor by yourself.



Image: The monitor's adjustable stand, illustrating its 360-degree rotation capability for flexible positioning.

2. Wiring Connections:

Refer to the installation diagram for wiring connections. Ensure all connections are secure to prevent signal loss or power issues.

Installation Diagram

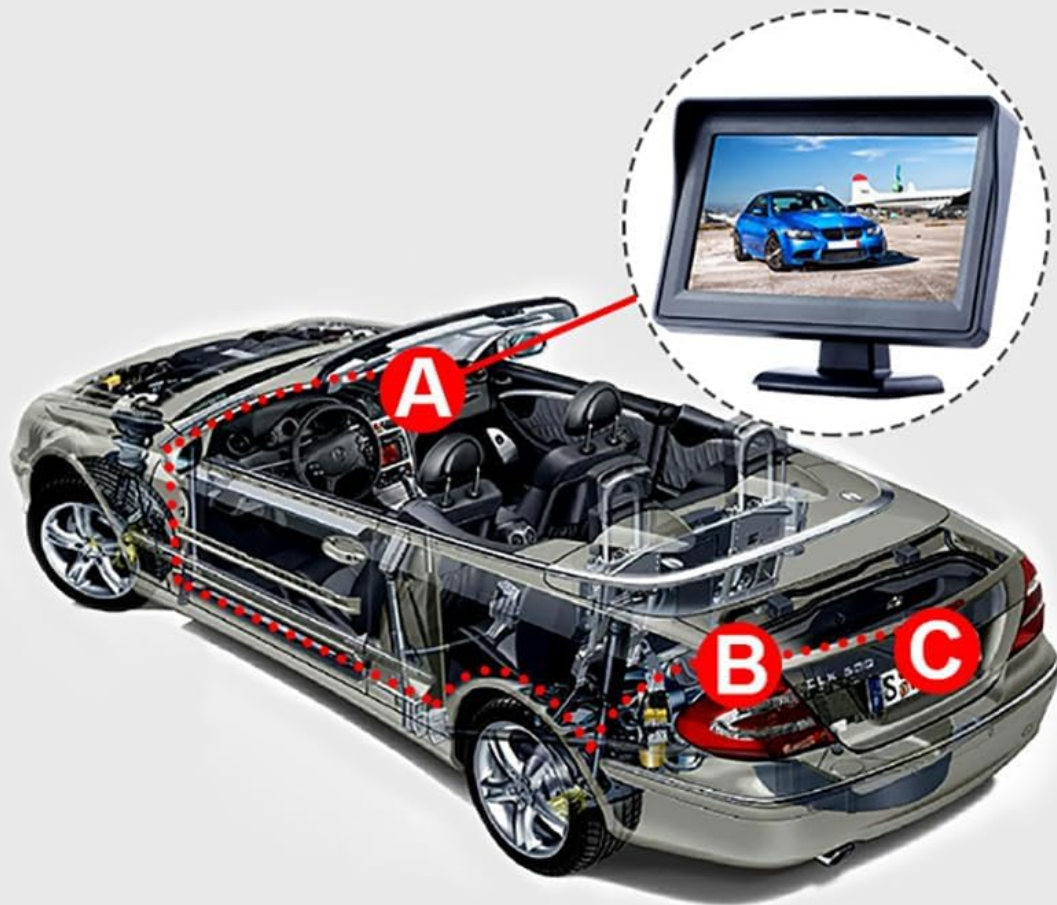


Image: An installation diagram showing the connection points for the display (A), reversing light (B), and camera (C) within a vehicle.

- **Power Connection:** Connect the monitor's power cable to a 12V power source in your vehicle.
- **Camera Connection:**
 - Connect the backup camera to the monitor using the provided video cable.
 - The white AV1 input on the monitor is typically used for the backup camera.
 - Connect the camera's power wire to your vehicle's reversing light power supply. This ensures the camera activates automatically when the vehicle is put into reverse.
- **Optional Video Input (AV2):** The yellow AV2 input can be used for an additional video source if desired.

AV1/AV2 2 VIDEO CHANNELS



White AV1 Input:
Connect to Backup Camera



Yellow AV2 Input:
Optional Video Input



Image: A visual representation of the dual video input channels (AV1 and AV2) on the monitor, indicating AV1 for the backup camera and AV2 for an optional video source.

OPERATION

Once installed, operating the B-Qtech Backup Camera and Monitor is straightforward.

1. Powering On/Off:

- The monitor will automatically power on and display the camera feed when your vehicle is shifted into reverse, provided the camera is correctly wired to the reversing light.
- When not in reverse, the monitor may remain off or display the AV2 input if connected.

2. Adjusting Settings:

The monitor typically has buttons on the back or side for adjusting brightness and accessing the menu.

APPLICABLE VEHICLE MODELS



Image: The rear view of the 4.3-inch monitor, indicating the location of the 'Screen Brightness+', 'Menu', and 'Screen Brightness-' control buttons.

- Use the **Screen Brightness+** and **Screen Brightness-** buttons to adjust the display's luminosity.
- Press the **Menu** button to access additional settings, such as contrast, color, and aspect ratio.

3. Sunshade Functionality:

The integrated sunshade helps to improve visibility by reducing glare from sunlight, ensuring a clearer image on the screen during daytime use.

SUNSHADE DESIGN FOR OPTIMAL VISIBILITY

Not reflecting light under
sunlight, protecting your
eyes while driving



Image: The monitor with its sunshade design, demonstrating how it helps maintain optimal visibility by preventing light reflection, even in bright sunlight, as a truck backs up towards a dog.

4. Night Vision:

The camera is equipped with features for enhanced night vision, providing a clear view even in low-light conditions, such as parking garages or at night.

SUPER NIGHT VISION



Image: The monitor displaying a clear image from the backup camera in a dimly lit parking garage, demonstrating its super night vision capabilities with parking guidelines.

MAINTENANCE

To ensure the longevity and optimal performance of your B-Qtech Backup Camera and Monitor system, follow these maintenance guidelines:

- **Cleaning the Monitor:** Use a soft, dry cloth to clean the monitor screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Cleaning the Camera Lens:** Periodically check and clean the camera lens to ensure a clear view. Dust, dirt, or water spots can obscure the image. Use a soft, lint-free cloth.
- **Wiring Inspection:** Occasionally inspect all wiring connections for any signs of wear, corrosion, or loose connections. Secure any loose wires.
- **Environmental Care:** Avoid exposing the monitor to extreme temperatures for prolonged periods. While designed for automotive use, excessive heat or cold can affect electronic components.

TROUBLESHOOTING

If you encounter issues with your B-Qtech Backup Camera and Monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Monitor does not power on.	No power supply; loose power connection; faulty wiring.	Check power cable connections. Ensure the 12V power source is active. Verify wiring for proper gauge and secure connections.
No image on screen / "No Signal" message.	Loose video cable connection; camera not powered; incorrect video input selected.	Ensure the video cable (RCA) is securely connected between the camera and the monitor's AV1 input. Check if the camera is receiving power (e.g., from the reversing light).
Image is blurry or distorted.	Dirty camera lens; damaged video cable; interference.	Clean the camera lens. Inspect the video cable for damage. Ensure the cable is not routed near strong electromagnetic interference sources.
Monitor does not automatically switch to camera view when reversing.	Camera power not connected to reversing light; incorrect wiring.	Verify that the camera's power wire is correctly connected to the vehicle's reversing light circuit.

SPECIFICATIONS

Feature	Detail
Brand	B-Qtech
Model Number	43235-36645
UPC / GTIN	718040971456
Screen Size	4.3 Inches
Display Technology	LCD
Compatible Devices	Monitor
Voltage	12 Volts
Lens Type	Wide Angle
Actual Viewing Angle	180 Degrees
Optical Sensor Size	1/3 inch
Field of View	180 Degrees
Lux Rating	0.1 Lux
Video Capture Resolution	480p

Feature	Detail
Part Number	CK-1
ASIN	B0746CM3G7

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your product or contact B-Qtech customer service. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the manufacturer's website or contact their support channels directly.

© 2023 B-Qtech. All rights reserved. Information in this manual is subject to change without notice.

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