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› BOYO VISION VTM5000S 5-inch TFT-LCD Backup Camera Monitor User Manual

BOYO VISION VTM5000S

BOYO VISION VTM5000S 5-inch TFT-LCD Backup Camera Monitor User Manual

1. INTRODUCTION

Thank you for purchasing the BOYO VISION VTM5000S 5-inch TFT-LCD Backup Camera Monitor. This manual provides essential information for the proper installation, operation, and maintenance of your new monitor. Please read this manual thoroughly before using the product to ensure optimal performance and safety.



Figure 1: BOYO VISION VTM5000S 5-inch TFT-LCD Backup Camera Monitor. This image shows the front view of the monitor, highlighting its compact design and screen size.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury and damage to the product:

- Do not attempt to disassemble or modify the monitor. This may cause damage and void the warranty.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Install the monitor in a location that does not obstruct the driver's view or interfere with vehicle safety features.
- Avoid exposing the monitor to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Clean the monitor with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- This monitor is intended as an aid for backing up and should not replace direct observation or mirrors.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- BOYO VISION VTM5000S 5-inch Digital TFT-LCD Monitor
- Window Mount

- Power Cable
- User Manual (this document)
- (Additional accessories may vary by package)

4. PRODUCT FEATURES

The BOYO VISION VTM5000S monitor offers the following key features:

- **5-inch TFT-LCD Display:** Provides a clear and vibrant image for enhanced visibility.
- **800 x 480 Resolution:** Delivers detailed visuals for effective monitoring.
- **16:9 Aspect Ratio:** Wide screen format suitable for various camera inputs.
- **2 Video Inputs:** Allows connection of up to two video sources, such as a backup camera and a front camera or DVD player.
- **Window Mount:** Secure and adjustable mounting option for easy placement.

5. SETUP

5.1 Mounting the Monitor

1. Clean the desired area on your vehicle's windshield or dashboard.
2. Attach the window mount to the monitor.
3. Press the suction cup firmly against the clean surface and engage the locking mechanism to secure the mount.
4. Adjust the monitor angle for optimal viewing without obstructing your driving view.

5.2 Power Connection

1. Connect the power cable to the monitor's power input port.
2. Connect the other end of the power cable to a 12V DC power source in your vehicle (e.g., cigarette lighter adapter or direct wiring to the vehicle's electrical system, if professionally installed).
3. Ensure the power connection is secure and properly routed to avoid interference with vehicle controls.

5.3 Video Input Connection

1. Identify the video input ports on the monitor (typically RCA connectors).
2. Connect your backup camera's video output cable to one of the monitor's video input ports (e.g., Video 1).
3. If connecting a second video source, connect it to the other video input port (e.g., Video 2).
4. For automatic switching to a backup camera, ensure the camera's power is wired to the vehicle's reverse light circuit, and the monitor's trigger wire (if present) is connected accordingly. Consult a professional for complex wiring.

6. OPERATING THE MONITOR

6.1 Powering On/Off

The monitor will typically power on automatically when it receives power from the vehicle's ignition or when a connected camera is activated (e.g., shifting into reverse). Some models may have a power button on the unit.

6.2 Switching Video Inputs

If you have multiple video sources, use the "Source" or "Input" button on the monitor (if available) to cycle between Video 1 and Video 2. The monitor may automatically switch to the active input, especially when a backup camera is triggered.

6.3 Adjusting Display Settings

Use the menu buttons on the monitor to access and adjust settings such as brightness, contrast, color, and aspect ratio. Refer to the on-screen menu for specific options.

7. MAINTENANCE

- **Cleaning:** Gently wipe the screen and casing with a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water. Do not use alcohol, solvents, or abrasive cleaners.
- **Cable Management:** Periodically check all cables for wear or damage. Ensure they are securely fastened and not pinched.
- **Storage:** If storing the vehicle for an extended period in extreme temperatures, consider removing the monitor to protect it.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen	No power; Loose video cable; Incorrect video input selected; Faulty camera.	Check power connection; Ensure video cables are securely connected; Select correct video input; Test camera with another display if possible.
Image is distorted or flickering	Poor video connection; Electrical interference; Faulty cable.	Check video cable connections; Ensure cables are not near high-power electrical sources; Try a different video cable.
Monitor does not turn on	No power; Blown fuse in vehicle; Faulty power cable.	Verify power source is active; Check vehicle's fuse box; Test power cable.
Automatic switching not working	Trigger wire not connected; Incorrect wiring to reverse light.	Ensure trigger wire is properly connected to the reverse light circuit. Consult a professional installer.

9. SPECIFICATIONS

Model Number	VTM5000S
Brand	BOYO VISION
Screen Size	5 Inches
Display Type	TFT-LCD
Resolution	800 x 480
Aspect Ratio	16:9
Video Inputs	2 (RCA type, typical)
Product Dimensions	8 x 2.75 x 6 inches
Item Weight	13.7 ounces

Power Supply

12V DC (Vehicle Power)

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official BOYO VISION website. Keep your proof of purchase for warranty claims.

Manufacturer: Vision Tech America

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

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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