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> Vehicle On-Dash Backup Monitor, 7" Digital HD Car TFT LCD Color Screen Display with 2 Video Input for Rear View Camera(800x 480) User Manual

lychee 06-001-056

lychee 7-inch Vehicle On-Dash Backup Monitor User Manual

Model: 06-001-056

INTRODUCTION

Thank you for choosing the lychee 7-inch Vehicle On-Dash Backup Monitor. This high-resolution TFT LCD display is designed to enhance your driving safety and convenience by providing clear visual feedback from your vehicle's cameras. With its versatile input options and user-friendly controls, it is an ideal solution for various automotive video applications. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.



Figure 1: lychee 7-inch Vehicle On-Dash Backup Monitor

PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x 7" Car Monitor
- 1 x Holder (Mounting Stand)
- 1 x Frame (for headrest installation, if applicable)
- 1 x Video & Power Cable
- 1 x Remote Controller
- 1 x User Manual



Figure 2: Included Package Contents

SETUP

Proper setup is crucial for the optimal performance of your monitor. Follow these steps carefully.

Mounting the Monitor

The monitor comes with a versatile holder for dashboard or surface mounting. Ensure the mounting surface is clean and stable.

1. Attach the monitor to the holder by aligning the interface and tightening clockwise.
2. Secure the holder to your desired location using the adhesive pad or screws.
3. Adjust the monitor angle for optimal viewing. The monitor supports a 120-degree multi-angle view.

Clear Sound & Fast Heat Dissipation

Thanks its design, the machine can stay away from the crash. Even if it is exposed to high temperatures, not affect the work.



Figure 3: Monitor mounted on a dashboard



Figure 4: Monitor Installation Steps

Wiring Connections

The monitor features two AV inputs (AV1 and AV2) for connecting various video equipment.

- **Power Connection:** Connect the red wire of the power cable to a 12V DC positive power source and the black wire to a ground point.
- **AV1 Input:** Connect AV1 to devices such as a car DVD player or VCR.
- **AV2 Input:** Connect AV2 to your car backup camera. This input is typically used for automatic switching when the vehicle is in reverse.

- **Reversing Cable (Green):** Connect the green reversing cable to your vehicle's reverse light power source. This enables automatic switching to AV2 when reverse gear is engaged.



AV extension cable, about 1.7 m

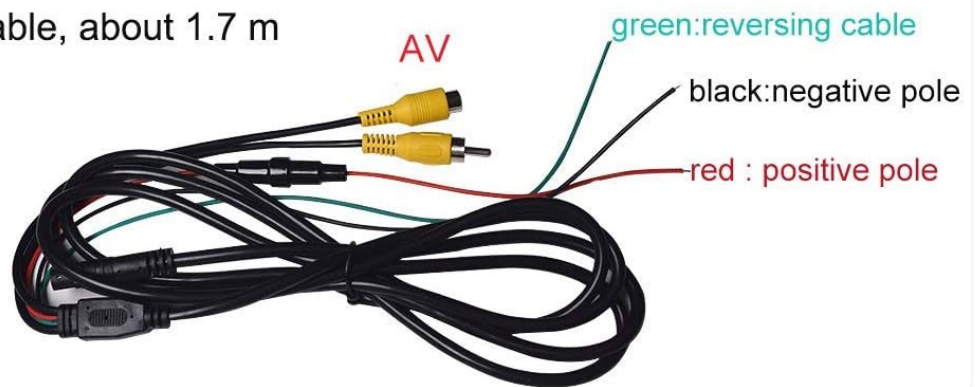


Figure 5: Video and Power Cables



Figure 6: Wiring Diagram

Your browser does not support the video tag.

Video 1: Unboxing and Setup Overview of the Vehicle On-Dash Backup Monitor.

OPERATING INSTRUCTIONS

Learn how to effectively use your lychee monitor's features.

Basic Operation

The monitor can be controlled using the buttons on the front panel or the included IR remote controller.

- **Power On/Off:** Press the power button on the monitor or remote.
- **Volume Control:** Use the 'Volume+' and 'Volume-' buttons to adjust audio output.
- **Menu:** Press the 'Menu' button to access display settings.



Figure 7: Remote Controller



Figure 8: Monitor and Remote Control Functions

Video Input Switching

Manually switch between AV1 and AV2 inputs using the 'V1/V2' button on the monitor or the 'Video Select' button on the remote. The monitor will automatically switch to AV2 when the reversing cable detects power (e.g., when reverse gear is engaged).

Screen Adjustment

The monitor's screen can be rotated and adjusted for optimal viewing angles. Use the physical adjustment points on the holder to tilt and swivel the screen. The display also supports 16:9/4:3 aspect ratio switching via the 'Screen Switch' button.



Figure 9: 120° Multi-Angle View Adjustment

MAINTENANCE

To ensure the longevity and proper functioning of your monitor, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. For stubborn smudges, lightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Temperature:** While designed for automotive environments, avoid exposing the monitor to extreme temperatures for prolonged periods. The monitor features a design for fast heat dissipation to maintain performance.
- **Storage:** If storing the monitor for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight.



Figure 10: Monitor Back View with Heat Dissipation

TROUBLESHOOTING

If you encounter issues with your monitor, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power/Screen is blank	Loose power connection; Blown fuse; Power button off	Check power cable connections; Inspect vehicle fuse; Press power button on monitor/remote.
No video signal	Loose AV cable connection; Incorrect AV input selected; Camera/video source issue	Ensure AV cables are securely connected; Press 'V1/V2' button to switch inputs; Verify camera/video source is functioning.
Image is distorted or unclear	Poor cable connection; Interference; Camera resolution mismatch	Check all cable connections; Ensure cables are not near strong electrical interference sources; Verify camera output resolution.
Remote control not working	Dead battery; Obstruction; Remote not pointed at IR receiver	Replace remote battery; Remove any obstructions between remote and monitor; Point remote directly at the monitor's IR receiver.
Automatic switching to AV2 not working	Green reversing cable not connected or faulty; No power from reverse light	Check connection of green reversing cable to reverse light; Verify reverse light is receiving power.

SPECIFICATIONS

Key technical specifications for the Lychee 7-inch Vehicle On-Dash Backup Monitor:

Feature	Detail
Screen Size	7 Inches
Display Technology	Color TFT LCD
Resolution	800 x 480 pixels
Video Inputs	2 AV Inputs (AV1, AV2)
Aspect Ratio	16:9 / 4:3 Switchable
Power Supply	DC 12V
Product Dimensions	6.81 x 4.45 x 5.5 inches (6.81"L x 4.45"W x 5.5"H)
Item Weight	1.57 pounds
Model Number	06-001-056
Manufacturer	Lychee

How to install



Press both sides to remove the frame



Tighten it clockwise



Align the interface



Tighten it clockwise

Figure 11: Monitor Dimensions

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation provided with your purchase or contact the seller directly. Keep your purchase receipt as proof of purchase for any warranty claims.