

AUTO-VOX TD2

AUTO-VOX TD2 Wireless Backup Camera System User Manual

Model: TD2

INTRODUCTION

The AUTO-VOX TD2 Wireless Backup Camera System provides a clear and stable rear view for safer driving and parking. This system features a 4.3-inch LCD monitor and an IP68 waterproof camera with excellent night vision capabilities. Its digital wireless signal ensures stable transmission without interference, making installation straightforward.

- **Simple Wireless Installation:** Connect the 4.3-inch LCD monitor to the backup camera via a wireless transmitter. No complicated wiring is required, reducing installation costs.
- **Stable Signal Transmission:** The TD2 backup camera utilizes a digital wireless signal, ensuring a stable image unaffected by other signal interference. Equipped with a PC1058 sensor for clear viewing.
- **Multifunctional Camera:** Features a 5-piece glass lens, 1/3 CMOS color sensor, 0.1 Lux illumination for excellent night vision. IP68 waterproofing ensures reliable operation in rain and resistance to extreme temperatures from -4°C to 149°C.
- **Safe Parking:** Includes 6 adjustable parking lines, making parking in tight spaces easier. Can also be used as a front camera to eliminate blind spots at the front of the vehicle.

PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- 4.3-inch LCD Monitor
- Wireless Backup Camera
- Monitor Mount (Suction Cup)
- Car Charger (for monitor)
- Power Cable for Camera (with integrated antenna)
- User Manual



Figure 1: AUTO-VOX TD2 System Components

SETUP AND INSTALLATION

The AUTO-VOX TD2 system is designed for easy installation. Follow these steps for proper setup:

1. Camera Installation

1. **Mount the Camera:** Secure the camera near your vehicle's license plate. Ensure it has a clear view of the rear. The camera is IP68 waterproof and resistant to extreme temperatures.
2. **Connect Power:** Connect the camera's power cable (red wire) to your vehicle's reverse light power supply (12V/24V). Connect the black wire to a ground point (metal chassis).
3. **Position Antenna:** Ensure the integrated antenna on the camera's power cable is positioned vertically for optimal signal transmission.

Plus besoin de se retourner et de regarder derrière



Figure 2: Camera Wiring Diagram



Figure 3: Wireless Transmission Overview

2. Monitor Installation

1. **Mount the Monitor:** Attach the suction cup mount to your dashboard or windshield. Secure the 4.3-inch LCD monitor to the mount.
2. **Connect Power:** Plug the car charger into your vehicle's cigarette lighter socket. Connect the other end to the monitor. The monitor will power on automatically when the vehicle is started.
3. **Pairing:** The camera and monitor are pre-paired at the factory. If re-pairing is needed, refer to the "Operating Instructions" section.

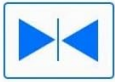


Figure 4: Monitor Placement Example

OPERATING INSTRUCTIONS

Once installed, the system operates automatically:

- **Automatic Activation:** When you shift your vehicle into reverse, the monitor will automatically display the rear view from the camera.
- **Parking Lines:** The monitor displays 6 adjustable parking lines to assist with safe parking.
- **Image Orientation:** The camera supports both normal and mirror image display. Adjust this setting via the monitor's menu if needed.
- **Night Vision:** The camera's 0.1 Lux illumination and CMOS sensor provide clear images even in low-light conditions.



Inverser l'image de la vue arrière



Avant

Après

Figure 5: Image Mirroring Function



IP68

IP68 étanche Aucune eau ou vapeur ne peut pénétrer la lentille en verre de cette caméra de recul étanche

65°C

Résistant aux hautes températures



-20°C

Résistant aux basses températures

Figure 6: Adjustable Parking Lines



Transmission numérique sans fil

1. Sans interférence
2. Vue arrière claire sans scintillement



Transmission analogique sans fil



1. Réception erronée du signal d'une autre caméra
2. Interférence sur l'écran

Figure 7: Day and Night Vision Performance

MAINTENANCE

To ensure the longevity and optimal performance of your AUTO-VOX TD2 system:

- **Clean the Camera Lens:** Regularly clean the camera lens with a soft, damp cloth to remove dirt, dust, or water spots that may obstruct the view.
- **Check Connections:** Periodically inspect all cable connections to ensure they are secure and free from corrosion.
- **Monitor Care:** Clean the monitor screen with a soft, dry cloth. Avoid using harsh chemicals.
- **Temperature Resistance:** The camera is designed to withstand temperatures from -4°C to 149°C. Avoid exposing the monitor to extreme temperatures for extended periods.
- **Waterproof Rating:** The camera has an IP68 waterproof rating, meaning it is protected against dust and can withstand immersion in water up to 1.5 meters for 30 minutes. Ensure the camera is properly sealed after installation.

Excellentes performances de jour comme de nuit



Figure 8: Camera Durability Features

TROUBLESHOOTING

If you encounter issues with your AUTO-VOX TD2 system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor	<ul style="list-style-type: none"> Monitor not powered Camera not powered Signal interference Camera/monitor not paired 	<ul style="list-style-type: none"> Check car charger connection and vehicle's cigarette lighter. Verify camera power connection to reverse light and ground. Ensure antenna is positioned correctly. Try re-pairing the devices.
Flickering or unstable image	<ul style="list-style-type: none"> Weak signal Interference from other wireless devices 	<ul style="list-style-type: none"> Adjust antenna position. Ensure no large metal objects are blocking the signal path. Check for other strong wireless signals nearby.

Problem	Possible Cause	Solution
Image is upside down or reversed	<ul style="list-style-type: none"> Incorrect camera orientation Image setting incorrect 	<ul style="list-style-type: none"> Adjust the camera's physical orientation if possible. Access monitor settings to change image flip/mirror mode.
Parking lines are inaccurate	<ul style="list-style-type: none"> Lines need adjustment 	<ul style="list-style-type: none"> Adjust the parking lines through the monitor's menu.

SPECIFICATIONS

Feature	Detail
Brand	AUTO-VOX
Model Number	TD-2
Monitor Size	4.3 Inches
Product Dimensions (L x W x H)	17 x 12 x 9.5 cm
Compatible Devices	Monitor
Installation Type	Surface Mount
Voltage	12 Volts
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Actual View Angle	130 Degrees
Field of View	110 Degrees
Connector Type	USB
Optical Sensor Size	1/3 inch
Video Capture Format	480p
Effective Capture Resolution	123040 Pixels
Display Technology	LCD
Illumination (Lux)	0.1
UPC	741025114920
Country of Origin	China

WARRANTY AND SUPPORT

AUTO-VOX is committed to providing high-quality products and customer satisfaction.

- **Warranty:** This product comes with a **2-year warranty** from the date of purchase.

- **Money-Back Guarantee:** A **30-day money-back guarantee** is offered for your peace of mind.
- **Technical Support:** AUTO-VOX provides **lifetime technical assistance**. Our professional technical team is available 24 hours a day to assist you with any queries or issues.
- **Contact:** For support, please visit the official AUTO-VOX website or refer to the contact information provided in your product packaging.