

## EMAX EMAX TRANSPORTER 2 GOGGLES

# EMAX Transporter 2 5.8GHz FPV Goggles User Manual

Model: EMAX TRANSPORTER 2 GOGGLES

## INTRODUCTION

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This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your EMAX Transporter 2 5.8GHz FPV Goggles. Please read this manual thoroughly before using the product to ensure proper function and safety.

## PACKAGE CONTENTS

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Upon opening the package, verify that all components are present:

- 1x EMAX Transporter 2 FPV Goggles
- 1x Micro USB Cable
- 2x Antennas



Image: EMAX Transporter 2 FPV Goggles, Micro USB cable, and two antennas, shown next to the product box.

## SETUP

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### 1. Charging the Goggles

The Transporter 2 Goggles have a built-in 1300mAh Lithium-ion battery. Before first use, fully charge the device.

- Connect the supplied Micro USB cable to the charging port on the goggles.
- Connect the other end of the USB cable to a 5V--1A USB power source (e.g., computer USB port, wall adapter).
- The charging indicator light will show the charging status. Refer to the device's LED indicators for full charge notification.

### 2. Attaching Antennas

The goggles utilize two antennas for improved signal reception.

- Carefully screw the two included antennas onto the antenna connectors located on the top of the goggles.
- Ensure they are finger-tight to prevent signal loss.



Image: Front view of the EMAX Transporter 2 FPV Goggles with both antennas securely attached.

### 3. Detachable DVR Screen

The 4.3" LCD DVR screen is detachable, allowing for flexible use, including with a radio controller.

- To detach, gently slide the screen unit away from the main goggle body.
- To reattach, align the screen unit with the goggle body and slide it back into place until it clicks securely.



Image: The EMAX Transporter 2 FPV Goggles shown with its detachable DVR screen unit separated from the main goggle frame.

#### 4. Adjusting Fit

For optimal comfort and viewing, adjust the goggle strap and focal length.

- Use the 3-way adjustable belt to secure the goggles comfortably on your head.
- Adjust the focal length to achieve a clear image on the screen.



Image: Side view of the EMAX Transporter 2 FPV Goggles, highlighting the adjustable head strap and ergonomic design.

## OPERATING INSTRUCTIONS

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## 1. Powering On/Off

- To power on, press and hold the power button until the screen illuminates.
- To power off, press and hold the power button until the screen turns off.

## 2. Channel Selection

The goggles operate on the 5.8GHz frequency band with 40 available channels.

- Use the channel selection buttons (refer to the goggle's button layout) to cycle through available frequencies.
- Ensure the goggle's channel matches the video transmitter's channel on your FPV drone for a clear signal.

## 3. Video Modes

The DVR supports multiple video recording modes.

- Select between VGA, D1, and HD video modes based on your preference and storage needs.
- Access these settings through the goggle's menu system.

## 4. DVR Functionality

The built-in DVR allows you to record your FPV flights.

- Insert a TF card (up to 32GB max) into the designated slot.
- Recordings are saved in MJPEG format as AVI files.
- Set recording duration (Off/3min/5min/10min) via the menu.
- Ensure the TF card is formatted correctly before use.

## 5. Compatibility

The EMAX Transporter 2 Goggles are highly compatible with the E8 Radio Transmitter for an integrated FPV experience.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the goggle lenses and exterior. Avoid abrasive materials or harsh chemicals.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Store the goggles with a partial charge (around 50%) if not used for extended periods.
- **Storage:** Store the goggles in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Anti-fogging Fan:** The built-in anti-fogging fan helps maintain clear vision. Ensure the fan intake/exhaust is not obstructed.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen	Goggles not powered on; Low battery; Incorrect channel; Video transmitter off/malfunctioning.	Ensure goggles are charged and powered on. Verify channel matches transmitter. Check video transmitter status.
Poor image quality/static	Weak signal; Interference; Antennas loose/damaged; Incorrect focal length.	Move closer to drone. Check for sources of interference. Ensure antennas are secure. Adjust focal length.

Problem	Possible Cause	Solution
DVR not recording	No TF card; TF card full/corrupted; Incorrect recording settings.	Insert TF card. Format or replace TF card. Check DVR recording settings.
Short battery life	Battery not fully charged; Aging battery.	Ensure full charge before use. Battery degradation is normal over time.

## SPECIFICATIONS

Feature	Detail
Model Name	EMAX TRANSPORTER 2 GOGGLES
Screen Size	4.3 inch
Screen Resolution	480x800p
Frequency	5.8GHz (5658MHz-5945MHz), 40 Channels
Battery	1300mAh Lithium-ion battery
Working Voltage	4.2V-3.7V
Charging System	Built-in USB 5V--1A linear lithium-ion battery charging system
DVR	32G TF card (max), MJPEG, AVI
Video Modes	VGA/D1/HD (Off/3min/5min/10min)
Maximum Size (Without antenna - Folded)	155x100x90mm
Weight (With battery)	398g
Product Dimensions	7.25 x 5.75 x 4 inches
Item Weight	1.45 pounds
Compatible Devices	E8 Radio Transmitter

## WARRANTY INFORMATION






EMAX products typically come with a limited manufacturer's warranty. For specific details regarding the warranty period and terms for your Transporter 2 FPV Goggles, please refer to the warranty card included in your product packaging or visit the official EMAX website.

## CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please visit the official EMAX website or contact their customer service department. Keep your purchase receipt and product serial number handy when contacting support.

Official EMAX Website: [www.emax-usa.com](http://www.emax-usa.com)

## Related Documents - EMAX TRANSPORTER 2 GOGGLES

 <p>EMAX TRANSPORTER 2 (WITH DVR)</p> <p>Thanks for purchasing EMAX!</p>	<p><a href="#">EMAX Transporter 2 FPV Goggles with DVR - User Manual &amp; Specifications</a></p> <p>Comprehensive user guide for the EMAX Transporter 2 FPV goggles, featuring DVR capabilities. Includes setup instructions, specifications, button functions, and safety precautions for drone pilots.</p>
 <p>EMAX TRANSPORTER 2 (WITH DVR)</p> <p>Thanks for purchasing EMAX!</p>	<p><a href="#">Emax Transporter 2 FPV Goggles User Guide</a></p> <p>User guide for the Emax Transporter 2 FPV Goggles with DVR, covering assembly, operation, specifications, and channel selection.</p>
 <p>TINY HAWK II</p>	<p><a href="#">EMAX Tinyhawk II RTF Drone User Manual and Specifications</a></p> <p>Comprehensive user manual and technical specifications for the EMAX Tinyhawk II RTF drone, covering setup, operation, flight modes, and troubleshooting. Includes details on product specifications, radio and goggle operation, VTX settings, flight controller configuration, and flight procedures.</p>
 <p>Tinyhawk Nanoscout</p>	<p><a href="#">Tinyhawk Nanoscout User Manual and Guide</a></p> <p>Comprehensive user manual for the EMAX Tinyhawk Nanoscout FPV drone, covering setup, flight controls, modes, transmitter operation, and maintenance.</p>
 <p>TINY HAWK III</p>	<p><a href="#">EMAX Tinyhawk III FPV Drone Instruction Manual</a></p> <p>Comprehensive instruction manual for the EMAX Tinyhawk III FPV drone, covering assembly, configuration, flight operations, and troubleshooting. Includes details on the E8 Transmitter and Transporter 2 Goggles, product specifications, binding procedures, VTX settings, and flight modes for optimal performance.</p>



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### [EMAX EZ Pilot Pro FPV Drone Kit User Manual](#)

Comprehensive user manual for the EMAX EZ Pilot Pro FPV Drone Kit, covering product specifications, E8 Transmitter and Transporter 2 operation, binding procedures, propeller installation, VTX settings, flight control, software adjustments, and flight instructions. Optimize your FPV experience with this detailed guide.