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Yasola M9

Yasola M9 GPS Drone User Manual

Model: M9-MAX

1. IMPORTANT SAFETY GUIDELINES

Before operating the Yasola M9 GPS Drone, please read and understand all safety instructions. Failure to follow these guidelines may result in injury, damage to the drone, or property damage.

- **Flight Environment:** Operate the drone in open areas, away from people, animals, buildings, and power lines. Avoid flying in strong winds or adverse weather conditions.
- **Battery Safety:** Use only approved batteries and chargers. Do not overcharge or puncture batteries. Discontinue use if batteries show signs of swelling or damage.
- **Propeller Safety:** Keep hands, face, and loose clothing away from rotating propellers. Ensure propellers are correctly installed and free from damage before each flight.
- **Operator Responsibility:** The operator is responsible for safe operation and compliance with local regulations. Maintain visual line of sight with the drone at all times.
- **Obstacle Avoidance:** While the drone features obstacle avoidance, it is not foolproof. Always exercise caution and maintain awareness of surroundings.

2. PACKAGE CONTENTS

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



Image: Complete package contents of the Yasola M9 GPS Drone.

- Yasola M9 GPS Drone
- Remote Controller
- Intelligent Flight Batteries (2x 3000mAh)
- Spare Propellers
- USB Charging Cable
- Screwdriver
- User Manual (this document)
- Carry Bag
- Obstacle Avoidance Module

3. COMPONENT IDENTIFICATION

Familiarize yourself with the main components of your Yasola M9 GPS Drone.

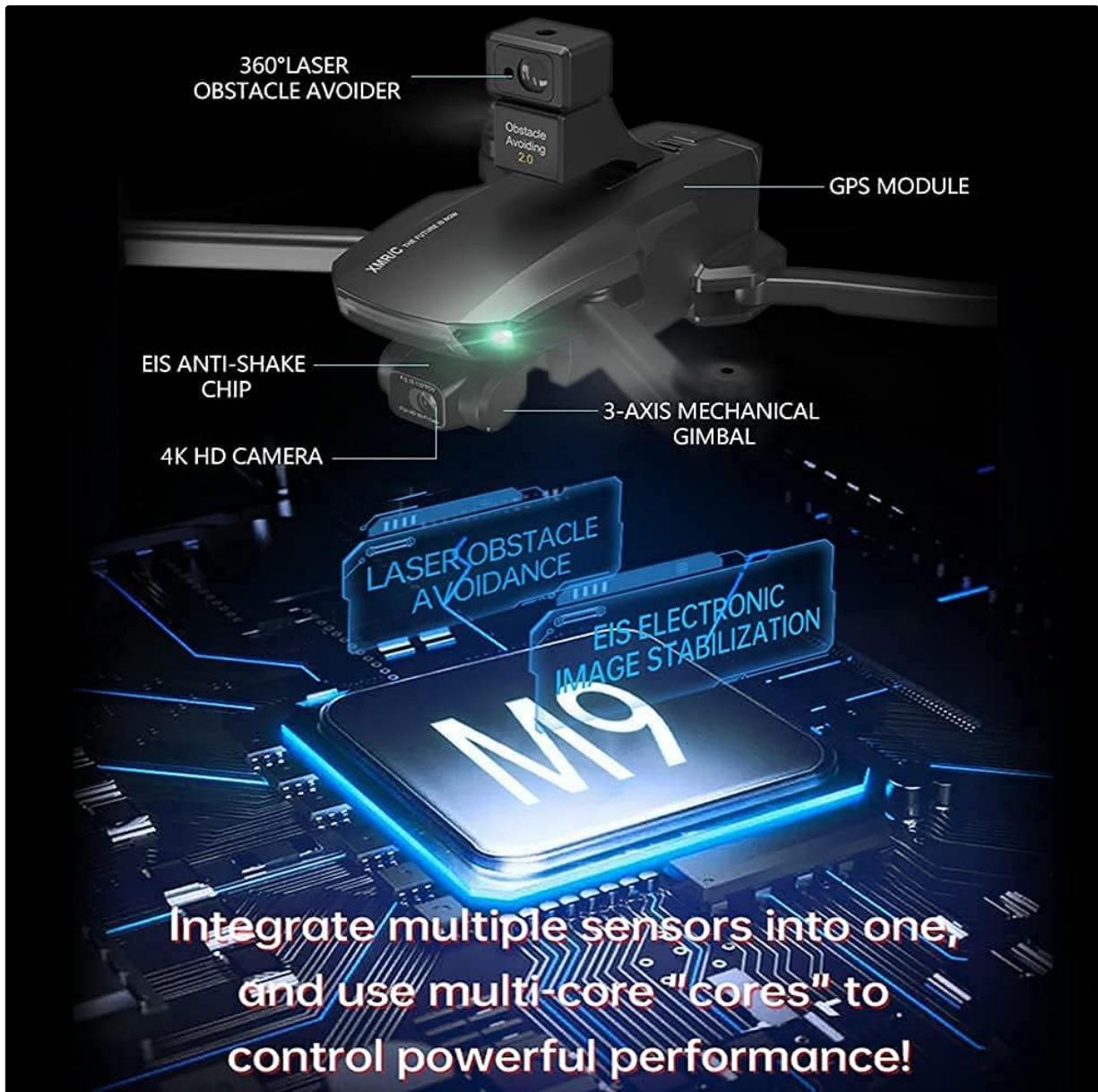


Image: Key components of the Yasola M9 GPS Drone.

- **360° Laser Obstacle Avoider:** Detects obstacles in all directions.
- **GPS Module:** Provides precise positioning and navigation.
- **EIS Anti-Shake Chip:** Enhances image and video stability.
- **4K HD Camera:** Captures high-resolution photos and videos.
- **3-Axis Mechanical Gimbal:** Stabilizes the camera for smooth footage and allows remote control of camera angle.
- **Brushless Motors:** Provide efficient and quiet flight.

HD aerial photography drone

GPS POSITIONING BRUSHLESS MOTOR

ESC CAMERA FOUR CAMERAS



Image: Front view of the Yasola M9 GPS Drone.

4. SETUP GUIDE

4.1 Battery Charging and Installation

Charge the intelligent flight batteries using the provided USB charging cable. The battery indicator lights will show charging status. Once fully charged, slide the battery into the drone's battery compartment until it clicks securely into place.

23MIN BATTERY LIFE

The battery applies the modular design of drawer type.

It is convenient for assembly and disassembly.

The modular battery (with built-in fender) has powerful battery

life so it only needs one battery to bring 23min flight time.

The battery life exceeds most UAV products of the same type.

It is more comfortable as flight and you can take it easy as shooting.

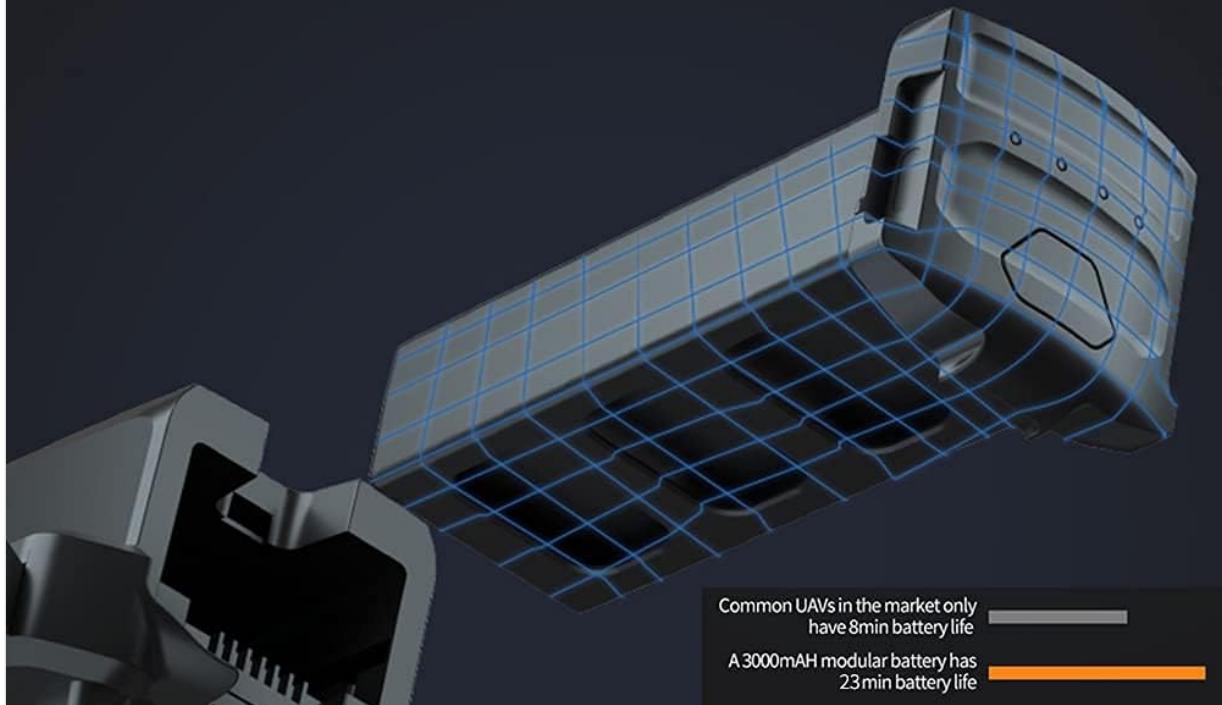


Image: Modular battery design and capacity.

4.2 Propeller Installation

Attach the propellers to the corresponding motor shafts. Ensure that propellers marked 'A' are installed on 'A' motors and 'B' on 'B' motors. Use the provided screwdriver to secure them firmly. Incorrect installation can affect flight stability.

4.3 Obstacle Avoidance Module Attachment

The obstacle avoidance module can be attached to the top of the drone. Align the module with the designated slot and press down until it is securely fastened. This module enhances flight safety by detecting obstacles.

360° FOUR-WAY LASER OBSTACLE AVOIDANCE

The front, left, right, and rear of the drone can all have intelligent automatic obstacle avoidance function, and it will automatically avoid obstacles when obstacles are detected during flight, which provides protection for your worry-free flight.

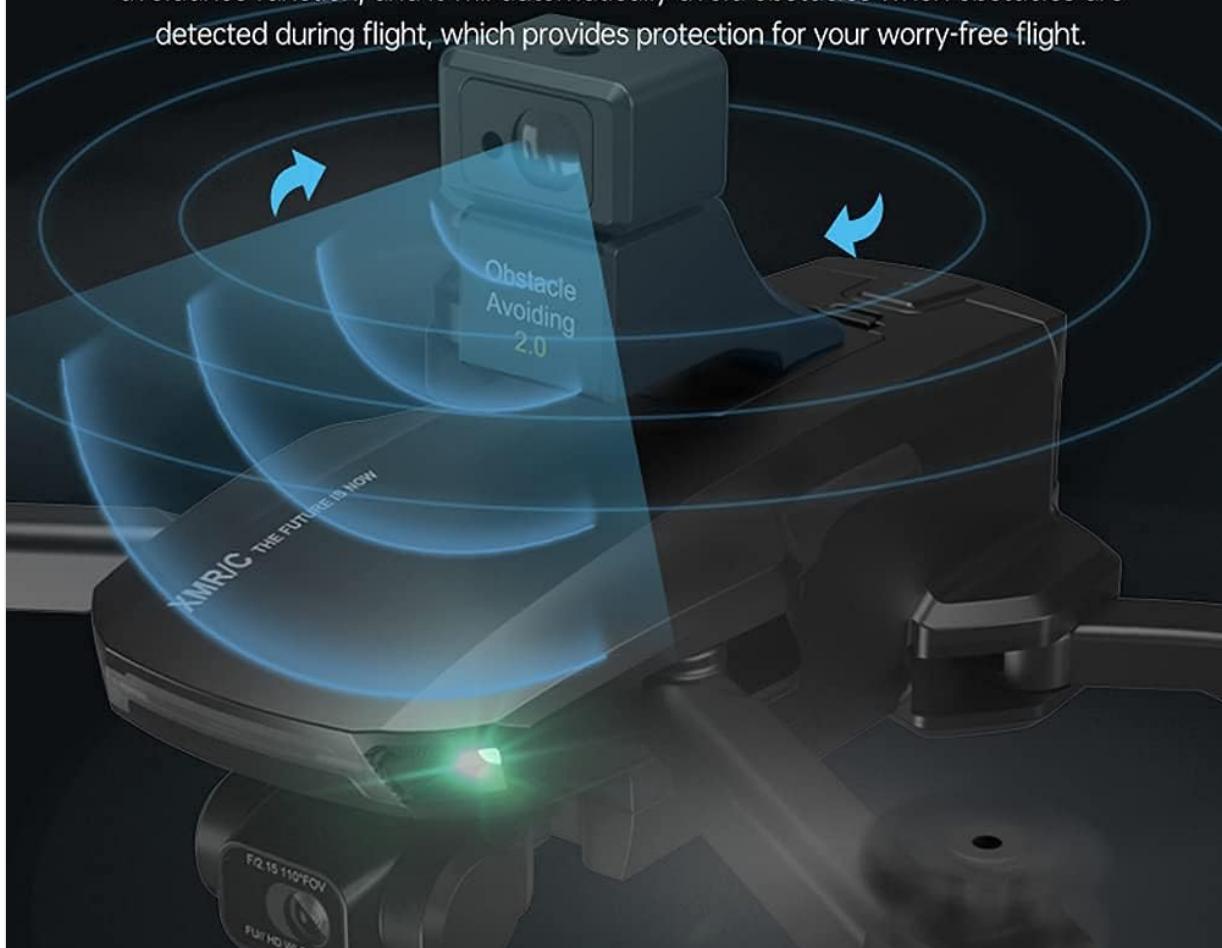


Image: 360-degree obstacle avoidance system.

4.4 Remote Controller Setup

Insert batteries into the remote controller. Power on the remote controller, then power on the drone. The remote and drone should automatically pair. Refer to the remote controller's specific instructions for detailed button functions.

4.5 Mobile App Connection

Download the official Yasola drone application from your device's app store. Connect your smartphone to the drone's Wi-Fi network (usually named "Yasola-M9-XXXX"). Open the app to view the live camera feed and access advanced flight features.

5. OPERATING INSTRUCTIONS

5.1 Pre-Flight Checklist

- Ensure batteries are fully charged (drone and remote).
- Check propellers for damage and secure attachment.
- Verify obstacle avoidance module is correctly installed.

- Confirm GPS signal acquisition before outdoor flight.
- Check for clear flight path and safe operating environment.

5.2 Take-off and Landing

After powering on and pairing, place the drone on a flat, open surface. Use the one-key take-off button on the remote or the mobile app to initiate flight. To land, use the one-key landing button or manually descend the drone slowly.

5.3 Flight Controls

The remote controller uses standard drone control schemes. The left joystick typically controls altitude and yaw (rotation), while the right joystick controls forward/backward and left/right movement. Refer to the remote's diagram in the app for specific functions.

5.4 Camera Operation and Gimbal Control

The 4K HD camera captures high-quality aerial footage. The 3-axis mechanical gimbal provides stabilization and allows for remote adjustment of the camera's vertical angle (up to 90 degrees). Use the dedicated buttons on the remote or controls within the app to take photos or record videos.

EXPLORE AERIAL PHOTOGRAPHY 4K IMAGE QUALITY

Three-axis gimbal anti-shake dual camera
Easily filter screen vibration

Equipped with a new mechanically self-stabilizing three-axis gimbal, high-definition 4K camera Effectively eliminate camera shake/shake and improve shooting quality
Support remote 90° control/110° ultra-wide-angle shooting range



4KPixel

HD Shooting

90°

Remote
control angle

3-Axis Gimbal

Remote control angle

Image: 4K HD Camera and 3-Axis Gimbal details.

5.5 GPS Positioning Features

The Yasola M9 drone utilizes GPS for stable flight and advanced features:

- **Auto Return Home:** The drone can automatically return to its take-off point in case of low battery, loss of signal, or manual activation.
- **Follow Me Mode:** The drone can track and follow the remote controller or a designated subject.
- **Waypoint Flight:** Plan a flight path on the app, and the drone will follow it autonomously.

THE BEAUTY OF THE WORLD, THE PANORAMIC VIEW

Remote control, high-definition image return, dual-camera switch shooting, see the world from different angles, discover new perspectives, and record wonderful moments

Remote control
distance **1200** Meter

Image transmission
distance **1000** Meter



Image: Remote control and image transmission range.

5.6 Obstacle Avoidance System

The 360° laser obstacle avoidance system scans for obstacles within approximately 20 meters (60 feet). If an obstacle is detected, the remote control will alert you, and the drone will attempt to avoid it. For advanced users, the obstacle avoidance module can be removed.

5.7 Gesture Control

The drone supports gesture recognition for taking photos or recording videos. Face the aircraft camera and perform the specified gestures (e.g., V-sign for photo, open palm for video) for approximately 3 seconds to activate the function.

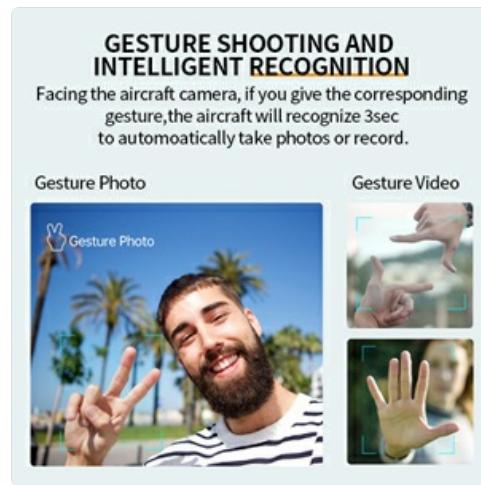


Image: Gesture shooting and intelligent recognition.

5.8 Optional Accessories (Thrower & Megaphone)

The Yasola M9 drone supports modular accessories such as a thrower and a megaphone. These can be attached to the top of the drone for specialized tasks. Refer to the accessory's individual manual for installation and operation details.



Image: Drone with optional thrower and megaphone attachments.

Your browser does not support the video tag.

Video: Demonstration of Yasola GPS Drone features including 3-axis gimbal, obstacle avoidance, and optional accessories like the thrower and megaphone.

6. MAINTENANCE

- **Cleaning:** Regularly clean the drone body, camera lens, and sensors with a soft, dry cloth. Avoid using harsh chemicals.
- **Propeller Inspection:** Inspect propellers for cracks, bends, or chips before each flight. Replace damaged propellers immediately.
- **Battery Care:** Store batteries in a cool, dry place. Do not store fully charged or fully depleted for extended periods. Charge to about 50-60% for long-term storage.
- **Firmware Updates:** Check the official Yasola website or app for available firmware updates to ensure optimal performance and access to new features.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not power on.	Battery depleted or incorrectly installed.	Charge battery fully. Reinstall battery securely.
No video feed in app.	Wi-Fi not connected or app not open.	Ensure phone is connected to drone's Wi-Fi. Restart app.
Drone drifts during flight.	Improper calibration or strong winds.	Perform IMU and compass calibration. Fly in calm conditions.
Obstacle avoidance not working.	Module not installed or sensor obstructed.	Ensure module is correctly attached. Clean sensors.
Remote controller not pairing.	Remote or drone not powered on, or out of range.	Power cycle both devices. Ensure they are close during pairing.

8. SPECIFICATIONS

Feature	Detail
Brand	Yasola
Model Name	M9
Manufacturer Part Number	M9-MAX
Video Capture Resolution	4K (Video Capture Format) / 1080p (Live Feed)
Connectivity Technology	Wi-Fi (5G FPV)
Skill Level	Novice, Intermediate
Item Weight	450 Grams (approx. 15.9 ounces)
Battery Capacity	3000mAh (11.1 Watt Hours)
Flight Time	Up to 23 minutes per battery (46 minutes with 2 batteries)
Control Type	Remote Control
Maximum Range	1200 Meters (Control), 1000 Meters (Image Transmission)
Material	Plastic
Gimbal	3-Axis Mechanical Self-stabilizing Gimbal
Obstacle Avoidance	360° Laser Obstacle Avoider (detects within 20 meters)
Motor Type	Brushless Motor
Product Dimensions	6.89 x 4.53 x 2.95 inches (folded)
UPC	613706182347

9. WARRANTY AND SUPPORT

The Yasola M9 GPS Drone comes with a standard manufacturer's warranty. For detailed warranty information, technical support, or to purchase replacement parts, please visit the official Yasola website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Online Support: [Visit the Yasola Store on Amazon](#)

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