

Amewi 25324

Amewi Sparrow Mini Drone User Manual

Model: 25324

1. INTRODUCTION

Thank you for purchasing the Amewi Sparrow Mini Drone. This compact and agile drone is designed for indoor and outdoor fun, featuring a 6-axis gyroscope for stable flight, three speed settings, and bright LED lights. Please read this manual carefully before operating the drone to ensure safe and optimal performance. Keep this manual for future reference.



Image 1.1: Top-down view of the Amewi Sparrow Mini Drone, showcasing its red body and black propeller guards.

2. SAFETY GUIDELINES

- Always operate the drone in open areas, away from people, animals, and obstacles.
- Do not fly near high-voltage lines, buildings, or water.
- Ensure the drone battery is fully charged before each flight.
- Never leave the charging battery unattended.
- Keep fingers and hair away from rotating propellers.
- This product is suitable for children aged 8 and above, under adult supervision.
- Do not modify or disassemble the drone or its components.
- In case of damage, discontinue use and contact customer support.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Amewi Sparrow Mini Drone (Vehicle)
- Remote Control
- Rechargeable LiPo Battery (for drone)
- USB Charging Cable
- Spare Propellers
- Small Tools (e.g., screwdriver for battery compartment)
- User Manual



Image 3.1: All components included in the Amewi Sparrow Mini Drone package, including the drone, remote, charging cable, spare propellers, and manual.

4. SETUP

4.1. Drone Battery Charging

1. Connect the drone's LiPo battery to the provided USB charging cable.
2. Plug the USB charging cable into a standard USB power source (e.g., computer USB port, USB wall adapter).
3. The indicator light on the USB charger will typically show red during charging and turn off or change color when fully charged.
4. Charging time may vary, but generally takes approximately 30-60 minutes. Do not overcharge.



Image 4.1: The USB charging cable used to recharge the drone's LiPo battery.

4.2. Remote Control Battery Installation

The remote control requires separate batteries (not included). Please use 3 x AAA batteries (or as specified in the remote's battery compartment).

1. Open the battery compartment on the back of the remote control using a small screwdriver if necessary.
2. Insert the appropriate batteries, ensuring correct polarity (+/-).
3. Close the battery compartment securely.



Image 4.2: The remote control for the Amewi Sparrow Mini Drone, showing its various buttons and joysticks.

4.3. Pairing the Drone and Remote Control

1. Place the drone on a flat, level surface.
2. Turn on the drone by pressing its power button. The drone's LED lights will flash.
3. Turn on the remote control.
4. Push the left joystick (throttle) all the way up, then all the way down.
5. The drone's LED lights will stop flashing and remain solid, indicating successful pairing.

5. OPERATING INSTRUCTIONS

5.1. Basic Controls

Familiarize yourself with the remote control layout (refer to Image 4.2).

- **Left Joystick (Throttle):**

- Up/Down: Ascend/Descend
- Left/Right: Rotate Left/Right (Yaw)

- **Right Joystick (Direction):**

- Up/Down: Fly Forward/Backward (Pitch)
- Left/Right: Fly Left/Right (Roll)

- **Trim Buttons:** Used to fine-tune the drone's stability if it drifts in any direction.

- **Speed Button:** Cycles through three available speed settings (low, medium, high).

- **One-Key Takeoff/Landing Button:** Initiates automatic takeoff or landing.
- **Headless Mode Button:** Activates headless mode, where the drone's orientation is relative to the pilot.
- **Flip Button:** Press and then move the right joystick to perform a 360-degree flip.

5.2. Flight Modes and Features

- **Three Speed Settings:** Adjust the drone's responsiveness and speed according to your skill level and flying environment. Start with the lowest speed for beginners.
- **6-Axis Gyroscope:** Provides enhanced stability and smooth flight performance, making it easier to control.
- **Bright LED Lights:** Aid in orientation, especially during low-light conditions, and add to the visual appeal.
- **Protected Propellers:** The drone features propeller guards for increased safety and durability, reducing the risk of damage during collisions.

6. MAINTENANCE

6.1. Cleaning

Regularly clean the drone to ensure optimal performance.

- Use a soft, dry cloth to wipe down the drone's body.
- Remove any dust or debris from the motors and propellers carefully.
- Do not use water or chemical cleaners, as they can damage electronic components.

6.2. Propeller Replacement

If a propeller is damaged, replace it immediately using the spare propellers provided.

1. Gently pull off the damaged propeller from its motor shaft.
2. Ensure you replace it with a propeller of the correct type (A or B, usually marked on the propeller and drone arm).
3. Press the new propeller firmly onto the motor shaft until it is secure.

6.3. Battery Care

- Always use the original charging cable.
- Do not overcharge or completely discharge the LiPo battery.
- Store the battery in a cool, dry place when not in use.
- If the battery swells or shows signs of damage, discontinue use and dispose of it properly.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Drone does not respond to remote.	Not paired; low battery (drone or remote); out of range.	Re-pair drone and remote; charge drone battery; replace remote batteries; ensure drone is within operating range.
Drone drifts during flight.	Needs calibration; uneven surface at takeoff; damaged propeller.	Perform gyroscope calibration (refer to remote instructions); take off from a flat surface; replace damaged propellers.
Propellers do not spin.	Obstruction; motor issue; low battery.	Check for obstructions; ensure battery is charged; contact support if motor is faulty.
Short flight time.	Battery not fully charged; aging battery.	Ensure battery is fully charged; consider replacing the battery if it's old.

8. SPECIFICATIONS

Feature	Detail
Model Number	25324
Brand	Amewi
Dimensions	Compact Mini Drone (specific dimensions not provided)
Weight	32 Grams
Material	Plastic
Drone Battery	1 x Lithium-polymer, 300 mAh (rechargeable)
Remote Control Batteries	Not included (typically AAA)
Charging Method	USB (DC 5V)
Control Frequency	2.4 GHz Radio Frequency
Stabilization	Integrated 6-axis Gyroscope
Speed Settings	3 (Low, Medium, High)
Special Features	Bright LED lights, Protected Propellers
Recommended Age	Child (8+ years with supervision)
Video Capture Resolution	480p (if equipped with camera)
Video Output Resolution	1080p (if equipped with camera)

9. WARRANTY AND SUPPORT

The Amewi Sparrow Mini Drone comes with a standard manufacturer's warranty. For detailed warranty information, please refer to the documentation included in your package or visit the official Amewi website. If you encounter any issues or require technical assistance, please contact Amewi customer support through their official channels.

Amewi Contact Information: Please refer to the product packaging or official Amewi website for the most current contact details.

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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

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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