



[Manuals.plus](#) /

› [Silverlit](#) /

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Model: 21252

INTRODUCTION

The Silverlit FLYBOTIC Foldable Drone 21252 is a compact, remote-controlled drone designed for both indoor and outdoor use. It features an integrated 480-pixel camera for aerial photography and video recording, automatic take-off/landing, and hovering capabilities for stable flight. Its foldable design enhances portability, making it convenient to transport and store.



Image: The Silverlit FLYBOTIC Foldable Drone in its unfolded state, ready for flight.

SAFETY INFORMATION

Warning: This product is not suitable for children under 14 years of age. Adult supervision is required during operation. Always ensure a safe flying environment, away from people, animals, and obstacles. Do not fly near airports or restricted airspace. Read all instructions before use.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x FLYBOTIC Foldable Drone
- 1 x Remote Control
- 1 x 3.7V, 500mAh Li-Po Battery (pre-installed in drone)
- 1 x USB Charging Cable
- 1 x Transport Pouch
- 2 x Spare Propellers
- 4 x Propeller Protection Arches
- 1 x Screwdriver



Image: The drone and its accessories neatly packed in the included transport pouch.

SETUP

1. Unfolding the Drone

1. Gently unfold the four arms of the drone until they click into place.
2. Ensure all arms are fully extended and locked before flight.



Image: The drone in its compact, folded state, ready for transport.

2. Installing Propeller Protection Arches

Attach the four propeller protection arches to the drone's arms. These guards help prevent damage to the propellers during collisions.

3. Charging the Drone Battery

- The drone's 3.7V, 500mAh Li-Po battery is pre-installed.
- Connect the USB charging cable to the drone's charging port and to a USB power source (e.g., computer, USB wall adapter).
- Charging time is approximately 60-85 minutes. The indicator light on the USB cable will change when charging is complete.

4. Installing Remote Control Batteries

The remote control requires 3x AAA batteries (not included). Open the battery compartment on the back of the remote control, insert the batteries with correct polarity, and close the compartment.

5. Pairing the Drone and Remote Control

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

OPERATING INSTRUCTIONS

1. Take-off and Landing

- **Automatic Take-off:** After pairing, press the automatic take-off/landing button on the remote control. The drone will ascend to a stable hovering height.
- **Manual Take-off:** Alternatively, push both joysticks diagonally outwards and downwards to start the propellers, then slowly push the left joystick (throttle) upwards to ascend.
- **Automatic Landing:** Press the automatic take-off/landing button again. The drone will slowly descend and land.
- **Manual Landing:** Slowly pull the left joystick (throttle) downwards until the drone lands, then release the joystick.

2. Basic Flight Controls (4 Channels)

- **Left Joystick (Throttle):**
 - Up/Down: Controls altitude (ascend/descend).
 - Left/Right: Controls rotation (yaw) of the drone.
- **Right Joystick (Direction):**
 - Up/Down: Controls forward/backward movement.
 - Left/Right: Controls left/right lateral movement.

3. 360° Rotations (Looping Function)

To perform a 360° rotation:

1. Ensure the drone is flying at a sufficient height (at least 3 meters).
2. Press the looping button on the remote control (you will hear a beep).
3. Immediately push the right joystick in the desired direction (left, right, up, or down) to execute the flip.

4. Camera Operation (Photos & Videos)

The drone is equipped with a 0.3 Mega Pixel camera (480p resolution) for capturing aerial footage. A micro SD card and card reader are not included and must be purchased separately to store recordings.

- **Taking Photos:** Press the dedicated photo button on the remote control.
- **Recording Videos:** Press the dedicated video button on the remote control to start recording. Press it again to stop.



Image: A detailed view of the drone's integrated camera.

MAINTENANCE

1. Propeller Replacement

If a propeller is damaged, use the included screwdriver to carefully remove the damaged propeller and replace it with a spare. Ensure the new propeller is securely fastened and matches the original's rotation direction (indicated by markings on the propeller and drone arm).

2. Cleaning

Wipe the drone and remote control with a soft, dry cloth. Do not use water or chemical cleaners, as this may damage electronic components.

3. Storage

When not in use, store the drone in its transport pouch in a cool, dry place, away from direct sunlight and extreme temperatures. Remove batteries from the remote control if storing for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not respond to remote control.	Not paired, low battery in remote or drone, out of range.	Ensure drone and remote are on and paired. Recharge drone battery. Replace remote control batteries. Fly within 30m range.
Drone flies erratically or drifts.	Uncalibrated gyroscope, damaged propeller, uneven surface at take-off.	Place drone on a flat surface, turn it on, and perform gyroscope calibration (refer to remote control instructions for specific button combination, usually holding both joysticks down and to the right/left). Check propellers for damage and replace if necessary.

Problem	Possible Cause	Solution
Camera not recording or taking photos.	No micro SD card inserted, SD card full or corrupted, incorrect button press.	Insert a formatted micro SD card. Ensure sufficient space. Press the correct photo/video button firmly.
Short flight time.	Battery not fully charged, old battery, aggressive flying.	Ensure battery is fully charged (60-85 minutes). Li-Po batteries degrade over time; consider replacing if performance significantly drops. Fly more conservatively.

SPECIFICATIONS

- **Brand:** Silverlit
- **Model Name:** FLYBOTIC Foldable Drone
- **Model Number:** 21252
- **Dimensions (L x W x H):** 33 x 33 x 5 cm (unfolded)
- **Age Range:** 14 years and up
- **Color:** Black
- **Connectivity Technology:** 2.4Ghz Radio Frequency, USB (for charging)
- **Control Type:** Remote Control
- **Max Range:** 30 meters
- **Flight Autonomy:** 4-5 minutes
- **Charging Time:** 60-85 minutes
- **Drone Battery:** 1 x 3.7V, 500mAh Li-Po (included)
- **Remote Control Batteries:** 3 x AAA (not included)
- **Camera Resolution:** 480p (0.3 Mega Pixels)
- **Video Capture Format:** MP4
- **Optical Sensor Technology:** CMOS
- **Special Features:** 360-degree capture, Automatic Take-off/Landing, Hovering Flight, Foldable Design
- **Material:** Plastic
- **Country of Origin:** China

WARRANTY AND SUPPORT

Warranty Information

This product comes with a **2-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects but does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Silverlit customer support. Refer to the packaging or the official Silverlit website for the most up-to-date contact information.

You can visit the official Silverlit store for more information: [Silverlit Store](#)

