

Dwi Dowellin D9

Dwi Dowellin D9 Mini Drone User Manual

Model: D9

1. SAFETY GUIDELINES

Please read and understand all safety instructions before operating the Dwi Dowellin D9 Mini Drone. Failure to follow these guidelines may result in injury or damage to the product.

- **Age Recommendation:** This drone is recommended for users aged 14 years and up.
- **Flight Environment:** Fly in open, clear areas, away from people, animals, buildings, and power lines. Avoid flying in strong winds or rain.
- **Battery Safety:** Use only the provided batteries and charging cable. Do not overcharge or puncture batteries. Discontinue use if batteries show signs of damage or swelling.
- **Propeller Safety:** Keep fingers, hair, and loose clothing away from rotating propellers.
- **Visual Line of Sight:** Always maintain visual line of sight with the drone during flight.

2. WHAT'S IN THE BOX

Verify that all components are present in the package:

- Dwi Dowellin D9 Mini Drone
- Remote Control
- USB Charging Cable
- Spare Propellers
- 2 x Lithium Polymer Batteries
- Screwdriver
- User Manual (this document)



Image: The Dwi Dowellin D9 Mini Drone, its remote control, two rechargeable batteries, and a compact carrying case. The drone features a red protective ring and red propellers.

3. SETUP

3.1 Charging the Drone Battery

1. Connect the drone battery to the USB charging cable.
2. Plug the USB cable into a USB power adapter (not included) or a computer's USB port.
3. The indicator light on the USB cable will illuminate during charging and turn off when fully charged.
4. Charging time is approximately 60-80 minutes for each battery.

3.2 Installing Drone Battery

1. Ensure the drone is powered off.
2. Carefully insert a fully charged battery into the battery compartment on the underside of the drone.

3. Secure the battery cover if applicable.

3.3 Installing Remote Control Batteries

1. Open the battery compartment on the back of the remote control.
2. Insert 3 AAA batteries (not included), ensuring correct polarity (+/-).
3. Close the battery compartment.

3.4 Pairing the Drone and Remote Control

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

3.5 Gyro Calibration

After pairing, it is recommended to calibrate the gyroscope for stable flight:

- With the drone on a flat surface and paired, press the calibration button on the remote control (refer to remote diagram for exact button).
- The drone's lights will flash rapidly and then become solid, indicating successful calibration.

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Video: This video demonstrates the pairing process, one-key take-off, circle fly, one-key spin, and 3D flips of the Dwi Dowellin D9 Mini Drone. It shows the drone's LED lights in action during various maneuvers.

4. OPERATING INSTRUCTIONS

4.1 Basic Controls

- **Left Joystick (Throttle/Yaw):** Push up/down to control altitude. Push left/right to rotate the drone (yaw).
- **Right Joystick (Pitch/Roll):** Push up/down to move forward/backward (pitch). Push left/right to move left/right (roll).

4.2 One-Key Take Off & Landing

After pairing and calibration, press the One-Key Take Off/Landing button (usually indicated by an arrow pointing up and down) on the remote control. The drone will automatically take off and hover at a certain altitude, or land gently.



Image: The Dwi Dowellin D9 Mini Drone hovering above a floor, with arrows indicating automatic ascent and descent, controlled by a single button on the remote.

4.3 Altitude Hold

The D9 Mini Drone features an altitude hold function, allowing it to maintain a stable height automatically when the throttle stick is released. This simplifies control and makes flying easier for beginners.



Image: The Dwi Dowellin D9 Mini Drone maintaining a fixed altitude, illustrated by a lock icon and vertical dashed line, indicating its stable hovering capability.

4.4 Headless Mode

In Headless Mode, the drone's orientation is relative to the pilot, regardless of which way the drone's front is facing. This is useful for beginners to avoid disorientation.

1. To activate, press the Headless Mode button on the remote control.
2. The drone's lights will flash to confirm activation.
3. To exit, press the Headless Mode button again.

4.5 Speed Adjustment

The drone has multiple speed modes (Low, Mid, High) to suit different skill levels and environments.

- Press the Speed Adjustment button (often indicated by a fan icon) on the remote control to cycle through the speed settings.
- The remote control may beep to indicate the current speed mode (e.g., one beep for low, two for mid, three for high).

SPEED ADJUSTMENT

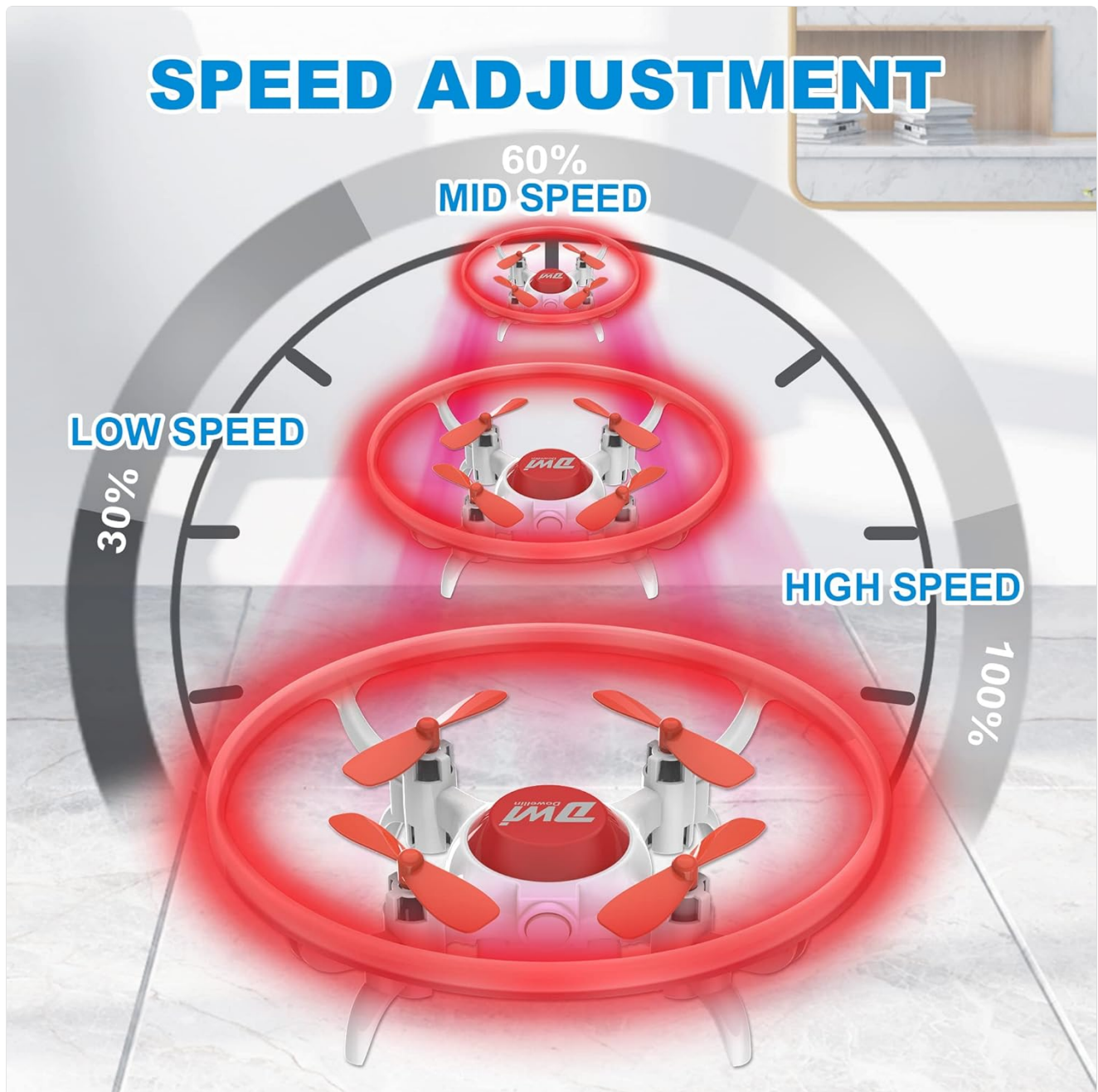


Image: An illustration showing the Dwi Dowellin D9 Mini Drone at three different flight speeds: Low (30%), Mid (60%), and High (100%), demonstrating the speed adjustment feature.

4.6 3D Flips & Rolling

Perform exciting aerial stunts with the 3D Flip function.

1. Fly the drone to a height of at least 2 meters (6 feet).
2. Press the 3D Flip button on the remote control.
3. Immediately push the right joystick in any direction (forward, backward, left, or right) to execute a flip in that direction.



Image: The Dwi Dowellin D9 Mini Drone executing 3D flips and rolls, with multiple drone images showing its movement path and the remote control indicating the stunt button.

4.7 One Key Spin

Execute a continuous spin with a single button press.

1. Ensure the drone is hovering stably.
2. Press the One Key Spin button on the remote control.
3. The drone will perform a continuous horizontal spin. Press the button again to stop.



Image: The Dwi Dowellin D9 Mini Drone performing a one-key spin, depicted by a circular motion path around a central point, with the remote control highlighting the spin button.

5. MAINTENANCE

5.1 Cleaning

- Use a soft, dry cloth to clean the drone and remote control.
- Avoid using water or cleaning solvents, as they may damage electronic components.

5.2 Propeller Replacement

If a propeller is damaged, replace it with a spare propeller from the package.

1. Gently pull the damaged propeller straight up from the motor shaft.
2. Ensure the new propeller is correctly oriented (A or B, matching the existing propellers on the drone).
3. Press the new propeller firmly onto the motor shaft.

5.3 Battery Care

- Remove batteries from the drone and remote control when not in use for extended periods.
- Store batteries in a cool, dry place.
- Do not expose batteries to extreme temperatures.

6. TROUBLESHOOTING

- **Drone does not respond to remote:** Ensure both drone and remote are powered on and properly paired. Repair if necessary. Check remote control batteries.
- **Drone flies erratically/unstable:** Perform gyroscope calibration on a flat surface. Check for damaged propellers and replace if needed. Ensure no obstructions are interfering with propellers.
- **Short flight time:** Ensure batteries are fully charged. Flight time can be affected by aggressive flying or strong winds.
- **Drone does not take off:** Ensure batteries are fully charged and correctly installed. Check if propellers are spinning freely.

7. SPECIFICATIONS

Feature	Detail
Brand	Dwi Dowellin
Model Name	D9
Age Range (Recommended)	14 years and up
Color	Red
Connectivity Technology	Wi-Fi
Skill Level	Beginner
Item Weight	160 Grams (5.6 ounces)
Battery Capacity	300 Milliamp Hours
Control Type	Remote Control
Maximum Range	328 Feet
Material	Plastic
Battery Cell Composition	Lithium Polymer
Product Dimensions	4.13"L x 4.13"W x 1.2"H

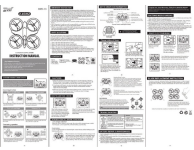




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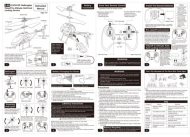
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8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Dwi Dowellin website. Keep your purchase receipt as proof of purchase.

Related Documents - D9

	<p>Dwi Dowellin D6 Drone Instruction Manual: Operation, Safety, and Maintenance</p> <p>Comprehensive user manual for the Dwi Dowellin D6 2.4GHz remote control drone. Learn about transmitter functions, battery charging, flight operations, safety precautions, troubleshooting, and blade replacement.</p>
	<p>Dwi Dowellin D10 RC Drone: User Manual and Flight Instructions</p> <p>Comprehensive user manual for the Dwi Dowellin D10 RC Drone, covering setup, flight controls, safety guidelines, troubleshooting, and advanced features. Learn how to operate your drone safely and effectively.</p>
	<p>DOWELLIN DRW320B RC Drone User Manual and Operation Guide</p> <p>Comprehensive user manual for the DOWELLIN DRW320B RC Drone, covering remote control battery installation, lithium battery charging, flight preparation, operation methods, troubleshooting, and safety precautions.</p>
	<p>Remote Control Quadcopter Instruction Manual</p> <p>This instruction manual provides detailed guidance on the assembly, operation, and troubleshooting of the Remote Control Quadcopter. Learn how to safely operate your drone with clear instructions and helpful tips.</p>
	<p>X-35 Firefly Wi-Fi Drone User Manual and Safety Guide</p> <p>Comprehensive guide for the X-35 Firefly Wi-Fi Drone, covering safety precautions, setup, flight controls, app usage, and troubleshooting. Learn how to operate your drone safely and effectively.</p>



[DOWELLIN 2.4G 3.5CH RC Helicopter Instruction Manual: Altitude Hold & Landing](#)

Comprehensive instruction manual for the DOWELLIN 2.4G 3.5CH RC Helicopter with Altitude Hold and Landing features. Learn about setup, operation, charging, safety precautions, and troubleshooting for model DRW241BU.