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DoDoeleph RCDroneX20-FBA-3

DoDoeleph X20 Pocket Drone Instruction Manual

Model: RCDroneX20-FBA-3 | Brand: DoDoeleph

1. Introduction

The DoDoeleph X20 Pocket Drone is a compact, 6-axis gyro quad-rotorcraft designed for easy flight and suitable for beginners. This manual provides essential information for safe operation, setup, and maintenance of your drone.

2. Safety Information

- Always operate the drone in an open, windless environment, away from obstacles, people, and animals.
- Ensure the drone battery is fully charged before each flight.
- Do not operate the drone near heat sources, water, or in extreme weather conditions.
- Keep fingers and hair away from rotating propellers.
- Adult supervision is recommended for younger users.
- Do not modify or disassemble the drone or its components.

3. Package Contents

Verify that all items are present in your package:

- 1 x DoDoeleph X20 Pocket Drone (with built-in battery)
- 1 x Remote Control
- 1 x USB Charging Cable
- 1 x Screwdriver
- 1 x User Manual
- 4 x Extra Propellers



Image: All components included in the DoDoeleph X20 Pocket Drone package.

4. Components Overview

4.1 Drone



Image: The compact DoDoeleph X20 Pocket Drone, small enough to fit in the palm of a hand.

The X20 Pocket Drone features a compact design with integrated propeller guards for durability and safety. It has LED lights to indicate direction and status.

4.2 Remote Control



Image: The remote control for the DoDoeleph X20 Pocket Drone, highlighting the adjustment keys.

The remote control uses 2.4GHz technology for stable connection. It features two joysticks for movement and altitude, along with dedicated buttons for one-key functions and speed adjustments.

5. Setup

5.1 Charging the Drone Battery

- Connect the drone to the USB charging cable.
- Plug the USB cable into a 5V 1A USB power source (e.g., computer USB port, USB wall adapter).
- Charging typically takes approximately 45 minutes. The indicator light on the USB cable will change when charging is complete.



Image: The drone's battery charging via a USB interface.

5.2 Installing Remote Control Batteries

- Open the battery compartment on the back of the remote control.
- Insert 4 AAA batteries (not included), ensuring correct polarity.
- Close the battery compartment securely.

5.3 Pairing Drone and Remote Control

- Place the drone on a flat, level surface.

- Turn on the drone's power switch. The LED lights on the drone will flash.
- Turn on the remote control.
- Push the left joystick (throttle) all the way up, then all the way down. The remote will beep, and the drone's LED lights will become solid, indicating successful pairing.

6. Operating Instructions

6.1 Basic Flight Controls

- **Throttle (Left Joystick Up/Down):** Controls altitude.
- **Direction (Right Joystick Up/Down/Left/Right):** Controls forward, backward, left, and right movement.
- **Yaw (Left Joystick Left/Right):** Controls rotation (turning left or right).

6.2 Special Features

- **One Key Take-off / Landing:** Press the dedicated button on the remote control to automatically take off or land. This feature helps protect the drone during emergencies or low battery.

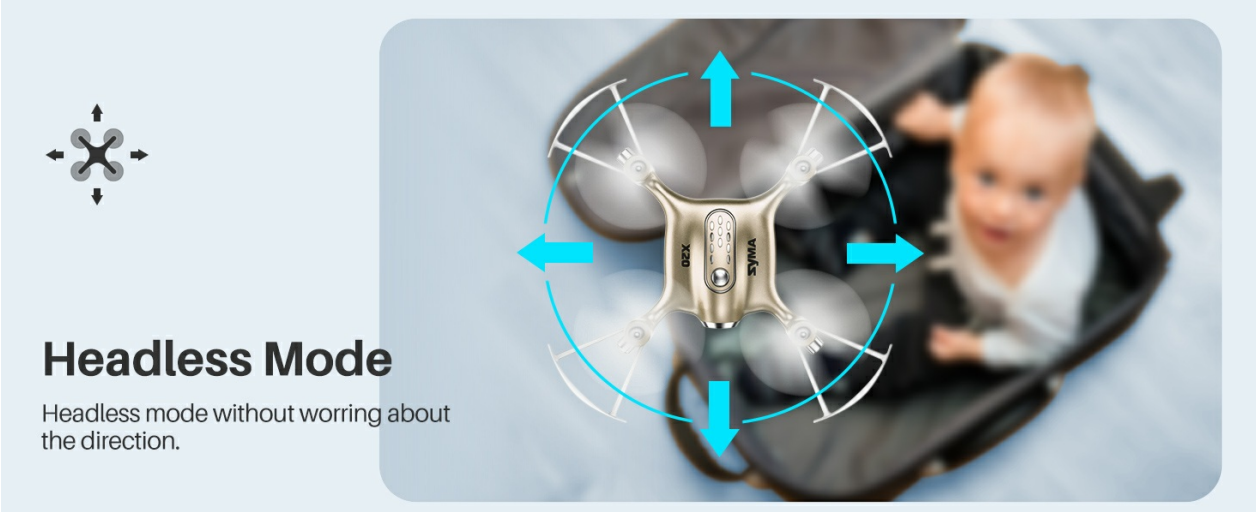


Image: One-Key Take-off/Landing function in action.

- **Altitude Hold:** Auto hovering technology allows the drone to stabilize and suspend in mid-air automatically, even when controls are released.



Image: The drone maintaining a fixed altitude with the Altitude Hold feature.

- **Headless Mode:** When activated, the drone's orientation is relative to the pilot, making it easier to control without needing to know the drone's front or back.



Image: Headless Mode simplifies directional control for users.

- **360° Stunt Flip:** Press the 360° flip button and move the right joystick in any direction to perform an impressive aerial flip.



Image: The drone executing a 3D flip maneuver.

- **Speed Switch:** Adjust the drone's speed between low (1.2m/s) and high (2m/s) settings to match your skill level and environment.



Image: The drone's speed can be switched between low and high settings.

7. Maintenance

7.1 Propeller Replacement

If a propeller is damaged, use the included screwdriver to carefully remove the old propeller and install a new one from the spare parts. Ensure the correct propeller (A or B) is placed on the corresponding motor.

7.2 Cleaning and Storage

- Wipe the drone with a soft, dry cloth after use.
- Store the drone and remote control in a cool, dry place, away from direct sunlight.
- Remove batteries from the remote control if not used for extended periods.

8. Troubleshooting

- **Drone Drifts:** Calibrate the drone by pushing both joysticks to the bottom-left corner simultaneously until the lights stop blinking. Use the trim buttons on the remote to fine-tune stability.
- **Drone Not Responding:** Ensure the drone and remote are properly paired. Turn both off and on again, then re-pair. Check battery levels for both devices.
- **Weak Flight/Short Flight Time:** The drone battery may be low. Recharge the drone fully.
- **Propellers Not Spinning:** Check for any obstructions (e.g., hair, debris) around the propellers. Ensure propellers are securely attached.



Image: Visual guide for common issues like low power and adjusting trim.

9. Specifications

Feature	Detail
Brand	DoDoeleph
Model Name	DoDoeleph Pocket Drone (X20)
Item Model Number	RCDroneX20-FBA-3
Special Features	2.4GHz Remote Control, 360 Degree Flip, Headless Mode, One Key Start/Land, Two Speed Switch, Altitude Hold

Age Range	Kid
Color	Gold
Connectivity Technology	2.4G RF
Skill Level	Beginner
Item Weight	0.028 ounces (0.8 Grams)
Battery Capacity	180 Milliamp Hours (1 Lithium Ion battery included)
Maximum Range	20 Meters
Material	ABS
Product Dimensions	4"L x 4"W x 1"H
UPC	850049014465

10. Official Product Video

Watch this video for a detailed overview and demonstration of the DoDoeleph X20 Pocket Drone's features and flight capabilities.

Your browser does not support the video tag.

Video: SYMA Pocket Drones for Kids with Headless Mode Altitude Hold - A comprehensive review and flight demonstration of the X20 Pocket Drone.

11. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the contact details provided in your product packaging or visit the official DoDoeleph website. Keep your purchase receipt as proof of purchase.

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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.

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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.

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