

Naseto CL025-B

Naseto CL025-B Drone with 1080P HD Camera User Manual

1. INTRODUCTION

Thank you for purchasing the Naseto CL025-B Drone with 1080P HD Camera. This manual provides essential information for the safe operation, setup, and maintenance of your drone. Please read this manual thoroughly before operating the drone to ensure proper use and to maximize your flying experience. Keep this manual for future reference.

2. SAFETY GUIDELINES

Operating a drone requires responsibility. Adhere to the following safety guidelines to prevent injury or damage:

- **Flight Environment:** Fly in open areas, away from people, animals, buildings, and obstacles. Avoid flying near airports or restricted airspace.
- **Weather Conditions:** Do not fly in strong winds, rain, snow, or fog. Optimal conditions are calm and clear.
- **Line of Sight:** Always maintain visual line of sight with your drone during flight.
- **Battery Safety:** Use only original batteries. Do not overcharge or puncture batteries. Discontinue use if batteries are damaged or swollen.
- **Propeller Safety:** Keep hands, face, and hair away from rotating propellers. Ensure propellers are securely attached before flight.
- **Age Recommendation:** This product is suitable for users aged 14 and above.
- **Respect Privacy:** Be mindful of privacy laws when using the camera function.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Naseto CL025-B Drone with 1080P HD Camera

- Remote Controller
- Drone Batteries (x2)
- Spare Propellers (x4)
- Propeller Guards (x4)
- USB Charging Cable
- Screwdriver
- User Manual (this document)
- Carrying Case



This image displays the Naseto Drone with its foldable arms extended, featuring a camera at the front. Alongside the drone, a black carrying case is open, revealing the remote controller and two drone batteries. Separately, a set of four spare propellers and four propeller guards are shown.

4. COMPONENT IDENTIFICATION

4.1 Drone Components

- **Foldable Arms:** For compact storage and transport.
- **Propellers:** Generate lift for flight.
- **Motors:** Drive the propellers.

- **1080P HD Camera:** Records photos and videos, adjustable angle.
- **Battery Compartment:** Located at the rear of the drone.
- **LED Indicator Lights:** Provide status information.

4.2 Remote Controller Components

- **Left Joystick:** Controls throttle (up/down) and yaw (rotate left/right).
- **Right Joystick:** Controls forward/backward and left/right movement.
- **One-Key Takeoff/Landing Button:** Initiates automatic takeoff or landing.
- **Headless Mode Button:** Activates headless flight.
- **Speed Adjustment Button:** Cycles through low, medium, and high speeds.
- **3D Flip Button:** Initiates 360-degree flips.
- **Photo/Video Button:** Captures images or starts/stops video recording.
- **Power Button:** Turns the remote controller on/off.
- **Phone Holder:** Secures your smartphone for FPV viewing.

5. SETUP

5.1 Charging Batteries

1. Connect the drone battery to the USB charging cable.
2. Plug the USB cable into a 5V/1A USB adapter (not included) or a computer USB port.
3. The indicator light on the cable will show charging status (e.g., red for charging, off for fully charged).
4. Charging typically takes 60-90 minutes. Do not leave batteries unattended while charging.
5. For the remote controller, insert 3 AAA batteries (not included) into the battery compartment.

5.2 Installing Drone Battery

1. Ensure the drone is powered off.
2. Locate the battery compartment at the rear of the drone.
3. Insert the fully charged drone battery into the compartment until it clicks into place.

5.3 Attaching Propellers and Guards

1. Unfold the drone arms.
2. Match the propellers (marked A or B) to the corresponding motor shafts (also marked A or B). Ensure correct orientation.
3. Gently push down and twist the propellers onto the motor shafts until they are secure.
4. Attach the propeller guards by snapping them onto the drone's arms around each propeller for added protection.

5.4 App Download and Connection

1. Scan the QR code provided in the quick start guide or search for the designated drone app (e.g., "Naseto FPV" or similar, refer to packaging) in your smartphone's app store (App Store for iOS, Google Play for Android).
2. Download and install the app.
3. Turn on the drone and then your smartphone's Wi-Fi.
4. Connect to the Wi-Fi network named "Naseto_XXXXXX" (the specific name will be on the drone or in

the app instructions).

5. Open the drone app to view the FPV feed and access advanced features.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off and Pairing

1. **Power On Drone:** Press and hold the power button on the drone until the indicator lights illuminate.
2. **Power On Remote:** Press the power button on the remote controller.
3. **Pairing:** Push the left joystick (throttle) fully up, then fully down. The drone's indicator lights will stop flashing and become solid, indicating successful pairing.

6.2 Takeoff and Landing

- **One-Key Takeoff:** After pairing, press the One-Key Takeoff/Landing button. The drone will automatically ascend to a stable altitude.
- **Manual Takeoff:** After pairing, push both joysticks down and outwards simultaneously to start the propellers. Then, slowly push the left joystick (throttle) up to ascend.
- **One-Key Landing:** During flight, press the One-Key Takeoff/Landing button. The drone will automatically descend and land.
- **Emergency Stop:** In an emergency, press and hold the One-Key Takeoff/Landing button for 3 seconds to stop the motors.

6.3 Flight Controls

- **Altitude Hold:** The drone maintains its current altitude automatically when the left joystick is released, providing stable hovering.
- **Speed Adjustment:** Press the Speed Adjustment button to cycle between low, medium, and high speeds. Low speed is recommended for beginners.
- **Headless Mode:** Press the Headless Mode button. In this mode, the drone's orientation is relative to the pilot, regardless of the drone's front direction. Press again to exit.
- **3D Flips:** Fly the drone to a height of at least 3 meters. Press the 3D Flip button, then push the right joystick in any direction (forward, backward, left, or right) to perform a flip.
- **Trajectory Flight (via App):** In the app, draw a flight path on your screen. The drone will follow this path automatically.
- **Gesture Control (via App):** Perform specific hand gestures in front of the camera to trigger photo or video recording. Refer to the app's instructions for specific gestures.

6.4 Camera Operation

- **FPV View:** Connect your smartphone to the drone's Wi-Fi and open the app to view real-time footage from the drone's camera.
- **Taking Photos:** Press the Photo/Video button on the remote controller once, or tap the photo icon in the app.
- **Recording Video:** Press the Photo/Video button on the remote controller for 2 seconds to start recording, and press again to stop. Alternatively, tap the video icon in the app.
- **Adjusting Camera Angle:** The camera angle can be manually adjusted before flight.

7. MAINTENANCE

7.1 Battery Care

- Always fully charge batteries before use.
- Do not overcharge or completely discharge batteries.
- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for extended periods, charge batteries to approximately 50% capacity.

7.2 Cleaning

- Use a soft, dry cloth to clean the drone body and remote controller.
- Gently clean the camera lens with a microfiber cloth to ensure clear image quality.
- Avoid using harsh chemicals or solvents.

7.3 Propeller Replacement

- If a propeller is damaged, replace it immediately with a spare propeller from the package.
- Ensure the new propeller is correctly matched (A to A, B to B) and securely attached.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not power on	Battery not charged or incorrectly installed.	Charge the drone battery fully. Ensure it is inserted correctly.
Remote controller does not power on	AAA batteries are dead or incorrectly installed.	Replace AAA batteries. Check polarity.
Drone and remote fail to pair	Incorrect pairing sequence.	Ensure drone and remote are powered on. Perform the joystick calibration (up then down) within 10 seconds.
Unstable flight / Drifting	Drone not calibrated. Wind interference. Damaged propeller.	Perform gyroscope calibration (refer to quick start guide or app). Fly in calm conditions. Replace damaged propellers.
No FPV image in app	Not connected to drone's Wi-Fi. App not open.	Ensure your phone is connected to the drone's Wi-Fi network. Open the drone app.
Drone does not respond to controls	Out of range. Low battery.	Fly within the specified control range. Recharge drone battery.

9. SPECIFICATIONS

Feature	Detail
Model Number	CL025-B
Brand	Naseto

Feature	Detail
Camera Resolution	1080P HD (1920x1080 Pixels)
Camera Angle	90° Adjustable
Connectivity	Wi-Fi (FPV Transmission)
Drone Weight	Approximately 227 g (less than 249g, no FAA registration required in some regions)
Product Dimensions (Folded)	Not specified (Foldable design)
Product Dimensions (Unfolded)	22.48 x 17.68 x 6.48 cm
Flight Time	Up to 30 minutes (with 2 batteries)
Battery Type	Lithium Ion (Nonstandard Battery)
Included Components	Drone, Remote Controller, Batteries, Propellers, Carrying Case
Color	Gray

10. WARRANTY AND SUPPORT

Naseto provides 24-hour after-sales service for the mini drone. If you encounter any problems or have questions regarding the use, maintenance, or troubleshooting of your Naseto CL025-B Drone, please do not hesitate to contact our customer support team. Refer to the product packaging or the official Naseto website for contact information.