SNAPTAIN

SNAPTAIN SUPPORT

US: support@snaptain.com
FR: MESSAGE-ABONNE-FR1

SNAPTAIN

FOLDABLE DRONE

14

USER MANUAL

Please read the manual carefully before flying and keep the manual.

V1.00

- For your safety, please follow the rules and safety guidelines whether you are a beginner or an expert at flying a drone.
- According to the relevant laws and regulations in US, all drones weighing more than 0.55 pounds (250 grams) must be FAA Part 107 Remote ID compliant and pilots must be licensed (under the Exception for Recreational Flyers. Please log in to the website to complete the drone registration and pilot license application registration. The maximum take-off weight not the more than 249g if the drone is used with the Beginner Flight Battery. Please ensure the total combined weight (including all take-off weight of the buyer does not register crowd, SNAPTAIN will not be responsible for any losses, penalties and injuries arising from this.
- To meet the flight permission requirements at auction on the radio station, it is forbidden to fly drones within 5.22 miles (10km) on both sides of the runway centerline, or within 1.2 miles (2km) of the end of the runway. It cannot be flied in a place where it is prohibited by law or regulation, or in a place where the relevant authority or department of your country, stop using all flying models and unmanned aircraft.
- Please download the "Drone Pilot" or "Drone Pro" App Store, which provides real-time information about airspace restrictions and other flying requirements based on your GPS location.
- Beginning September 16, 2021, all drone pilots who are required to register their UAS must operate in accordance with the rule on Remote ID.

ENGLISH

AIM HIGH FLY HIGH

Thank you for choosing our product and putting your trust in us.
Contact us anytime at
support@snaptain.com or call us (423)591-4840(Mon-Fri)
If you have questions or concerns about the product.

We hope our products will make flying a whole new experience for you!

Please read the manual carefully for the best use of this product.

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IMPORTANT SAFETY PRECAUTIONS

This drone can pose a danger when in use. When flying, make sure that you keep it away from other people and property. Inexperience, or unfamiliar users may damage the drone, cause injury, or lead to an accident. Please read the following safety precautions carefully, and learn how to identify more dangerous conditions that may cause an accident due to your negligence.

1. Avoid crowds and structures
There may be uncertainty about the drone's flight, and it may be difficult to control it in some situations. To avoid injuries and damage, stay away from crowds, buildings, trees, structures, high voltage wires, etc. Flying should also be avoided in adverse weather conditions such as rain, storms, and high winds, to ensure the safety of the users, spectators, and property.

2. Avoid hostile environments
Drones are made up of a variety of precision electronics, and mechanical components. As a result, please make sure that moisture and water do not enter the drone. This can prevent mechanical or electronic parts from malfunctioning and thus causing an accident.

3. Only use the included accessories
To ensure the safe operation of the drone, only use spare parts made by SNAPTAIN. The included chargers and spares the product in accordance with its permitted functions. The warranty will be voided if you apply unapproved parts, use any within the scope of your local laws and regulations, and NOT for illegal purposes.

4. Avoid controlling the drone alone
It may be difficult for beginners to operate this drone at the beginning. Please avoid flying the drone alone. When possible, operate this drone under the guidance of an experienced pilot.

5. Fly safely
Fly the drone in accordance with your state and flying aim. There is an increased probability of accidents if a person is fatigued, has a poor mental state, or operates incorrectly.

6. Stay away from the rotating parts
You should keep the drone away from you and any surrounding persons or objects when flying at high speed.

7. Keep it away from heat sources
Drones are made of metal, fiber plastic, electronics, etc. Avoid prolonged exposure to direct sunlight and keep it away from any heat source. Excessive heat exposure can cause distortion and damage.

FLY SAFELY

FPV transmission requirements:
Ensure the flying area is an open area without any interference or obstacles.
Do not fly against the wind.

Avoid flying over or near obstacles, crowds, high voltage power lines, trees and bodies of water (lakes, etc).
DO NOT use the drone in adverse weather conditions such as rain, snow, fog and strong winds (exceeding 24 km/h or 15 mph).

For your safety and that of those people around you, it is important to understand basic flight guidelines. Below, we have provided you with safety precautions.

BATTERY SAFETY

USE OF EXPLOSION BATTERIES INTERPLAY IN AN INCORRECT TYPE
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS
DO NOT THROW OUT BE RECYCLED OR DISPOSED OF PROPERLY

Under no circumstances should the battery touch any liquids. Avoid using the battery in damp or wet conditions, as they could fire or explode unexpectedly.

It is not allowed to use batteries that are not provided by the manufacturer. Additionally, it is advisable to use the original charger for safety. Using unauthorized chargers may damage the battery.

Batteries that are swollen, leaking, or damaged are strictly forbidden.

It is recommended to use the battery between 14°C - 35°C and 20°F-104°C; overheating may lead to a fire or explosion. A battery's performance can be adversely affected by extremely low temperatures.

Do not insert or puncture the battery with any sharp object.

Do not short circuit the battery. Ensure that the battery and its terminal ends are connected, since immediately with plenty of water and seek medical attention.

Please keep the battery out of children's reach. Immediately seek medical attention if a child swallows parts.

After being charged or inspected, the battery should not be used again.

Do not place the battery near heat sources, such as an in direct sunlight or near a fire, stove, or a heater.

To prevent a battery from entering an over-discharged state, avoid storing it for extended periods of time since it has been fully discharged. If a battery is overcharged, the battery cell will be damaged and unable to be recharged.

SJ25 is an easily assembled and simple to use drone for beginners. It is ready to fly out of the box. The SJ25 features a streamlined, sleek, positioning system, and it can fly both indoors and outdoors. SJ25 has a 14 minutes flight time, and it can be used to record and take photos and flights. To ensure the safe operation, please read the manual carefully. Please refer to the manual for more detailed instructions on flying the drone.

WHAT'S INCLUDED

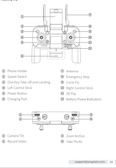
PRODUCT OVERVIEW

Drone

*How to Replace the Propeller Assembly(Optional)

The battery is the propeller's hub. Install the hubs on the drone arm when you replace the propellers.

REMOTE



Speed Switch:
Press the button to toggle between different speed levels.

One Key Take-off and Landing:
Press the button once, then and and hold this button for 2 seconds to take off and hover at a height of 1.0M(3.3ft). When the drone is flying, press the button for 2 seconds to make it descend and land with the propellers stop rotating.

Left Control Stick:
Push the stick to make the drone ascend, descend, rotate leftward and rotate rightward.

Power Button:
Press and hold the 3 seconds to power on the drone, press and hold it for 3 seconds again to power off the drone.

Emergency Stop:
If an abnormal situation occurs when the drone is below 10.0M(33ft), you can press the button to make the drone stop rotating and hover in place. When this button is activated, the drone stops and completely stop rotating, causing it to fall from the sky and potentially pose risks of damage. Use this function with caution.

Note
This function is not available when the drone's height is over 10.0M(33ft).

Circle Fly:
Press the button to enable this function, press it again to disable this function.

Right Control Stick:
Push this stick to control the directions of the drone.

Off Flip:
Press the button to enable this function, then push the right control stick to flip the drone.

Battery Power Indicators:
Displays the remaining battery status. Each indicator represents 25% power of the battery.

Camera Tilt:
Push this gear leftward or rightward to tilt camera.

Record Video:
Press this button to start recording a video, press it again to stop the recording and save the video to both your mobile phone & memory card.

Zoom In/Out:
Push this gear leftward or rightward to adjust the lens focus.

Take Photo:
Press this button to take a photo and save it to both your mobile phone & memory card.

FIRST-TIME USE

Flight Preparation

1. Remove the protective film on the drone arm folded for packaging purposes. Please unfold the front arms, then the rear arms.

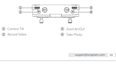
2. Attach the propeller guards to the drone.

Note
For flight safety, it is recommended to install the propeller guards before you fly the drone.

3. Remove the battery from the drone, then charge it with the USB charging cable provided in the box. The cable can connect to a plug with a maximum output of 5V 2A.

Notes
It is not recommended to charge the battery using the USB port of a PC.
Please note that when flying in low temperature environments, the flight time of the drone may be reduced.

4. Install the battery into the drone after it's fully charged.



5. Insert a memory card into the drone(Memory cards must be purchased separately. However, you can still use the drone's camera even if a memory card is not inserted, although the resulting videos and pictures may not be in high definition quality.)

6. Charge the remote with the USB charging cable provided in the box.

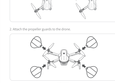
The cable can connect to a plug with a maximum output of 5V 2A.

7. Unfold the handle and antenna.

8. Unfold the phone holder to mount your mobile phone. **Remove PHONE CASE before mounting to prevent your phone from dropping off!**

Note
The phone holder can accommodate smartphones with a width ranging from 2.75 inches(6cm) to 3.35 inches(8cm).

9. Please remove the protective film on the lens before flying.



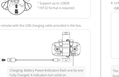
10. Place the drone on a flat and level surface, then press and hold the power button for 3s on the drone's power cuts.

11. Press and hold the power button for 3s on the remote to power it on. The drone will automatically pair with the remote if the pairing is failed, please repeat the step 10 and step 11.

* Pairing: All the indicators on the drone quickly flash 3 times.
* Successfully Paired: All the indicators on the drone turn solid on.

Connect the SNAPTAIN FPV App with Your Drone

Step 1.
Download and install **SNAPTAIN FPV** from Google Play/"Play Store"™ or scan the QR code below:



Step 2.
Simply navigate to the WiFi setting of your mobile phone and search for **SNAPTAIN ZZ-XXXX** WiFi to connect.

Step 3.
Launch the **SNAPTAIN FPV**, then tap to enter the main page to see the live preview.

FUNCTION OVERVIEW

Flight Control

1. Unlock the drone

Option 1:
By default, the properties of the drone are locked by defaut. To unlock the drone, please simultaneously push the **Left Control Stick** to the lower left at 45° and the **Right Control Stick** to the lower right at 45°, until the 4 propellers start rotating.

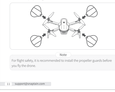
Option 2:
For your safety, the properties of the drone are locked by default. To unlock the drone, please simultaneously push the **Right Control Stick** to the lower left at 45° and the **Left Control Stick** to the lower right at 45°, until the 4 propellers start rotating.

Step 3.
Launch the **SNAPTAIN FPV**, then tap to enter the main page to see the live preview.

2. Flight Directions

Left Control Stick

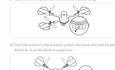
Right Control Stick



Functions

One Key Take-off and Landing

* Take off: Place the drone on a flat and level surface without any obstacles, then press and hold the button for 2 seconds and hover at a height of 1.0M (3.3ft).



Circle Fly

If there are no obstacles within a radius of 5 meters around the drone, press the button on the remote control to make the drone fly in a circular pattern.

Press the button again to disable this function. It is recommend to note that this function cannot be enabled when the drone's battery is low.

* Land: When the drone hovers in the air without any obstacles, press this button to make it descend and land with the propellers stop rotating.

Trajectory Flight

1. Open the App and navigate to the main page.
2. Tap on the "Trajectory Flight" icon and adjust the scale by sliding the scale bar. The default scale is set to 1.
3. Use your finger to draw a desired flight path on the blank area of the screen.
4. The drone will follow the trajectory path without changing its flight height, but the length of the trajectory is based on the selected scale.

Please note that this function cannot be enabled when the drone's battery is low.

Emergency Stop

If an abnormal situation occurs when the drone is below 10.0M(33ft), you can press the button to make the drone stop rotating and hover in place. When this function is activated, the drone's motor and propellers will stop rotating, causing it to fall from the sky and potentially pose risks of damage. Use this function with caution.

Note
This function is not available when the drone's height is over 10.0M(33ft).

Press the button on the remote or tap on the App to start recording. The video will be saved both on your mobile phone and the memory card. Please note that the drone cannot capture photos while it is recording a video.

Ready to check the videos and photos?

Option 1: Check the videos and photos within the App's album

Option 2: Remove the memory card from the drone, then connect it to a computer using a card reader.

* When the drone does not have a memory card installed, the photos and videos will be saved with a resolution of 720P within the app itself.
* Before loading the memory card into the drone, ensure that it is formatted as FAT32 format.

App Downloading and Installation

Step 1.
Download and install **SNAPTAIN FPV** from Google Play/"Play Store"™ or scan the QR code below:

Step 2.
Simply navigate to the WiFi setting of your mobile phone and search for **SNAPTAIN ZZ-XXXX** WiFi to connect.

Step 3.
Launch the **SNAPTAIN FPV**, then tap **FLYME TECHN DISPLAY**. To enter the main page to see the live preview.

EXPLANATIONS OF DRONE'S LED INDICATORS

Status	Front LED Indicators (Blue)	Rear Indicators(Green)
Powering on	Pulsing	Pulsing
Pairing	Quickly flash 3 times	Quickly flash 3 times
Curing Flight	Solid on	Quickly flash 3 times
Reset	Quickly flash 3 times	Quickly flash 3 times
Low Battery	Flash 3 times every 2s	Flash 3 times every 2s
Find Your Drone	Quickly flash for 1 minute	Quickly flash for 1 minute
Powered off	Off	Off

BEEPS EXPLANATION

Status	Beep(s)
Powering on the drone	2 short beeps
Pairing off the drone	1 short beep, then 1 long beep
Command executed successfully	1 short beep

Status	Beep(s)
Low Battery	3 short beeps every 2s
Find Your Drone	shortly beeps for 1 minute
Powering on the remote	1 short beep
Powering off the remote	2 short beeps
Emergency Stop	6 short beeps

SPECIFICATIONS

Drone

Weight(with battery installed)	251g
Max. Flight Time	20 minutes
Operating Temperature	32°F -104°F(0°C -40°C)
Dimensions	10.7 x 10.7 x 2.2inches(Unfolded) 11.3*8.8*2.2inches(Folded) 5.4x5.4x2.2inches(Folded) (L x W x H, inches)
Flight Speed(Low-speed, Mid-speed)	3m/s, 5m/s, and 8m/s
Wind Speed Resistance	5m/s(Level 3)
Battery Capacity	2.4A 1000mAh Lithium Battery
Charging Time	1.5 hours(depending on the power of the charger)

Camera

FOV	140°
Photo Resolution	9.6 (5024 x 1888) 12 (4000 x 3000) Appy Mpixels and Memory Card
Video Resolution	720P 1280 x 720@30fps (Appy Infinum) 1920 x 1080@30fps (Memory Card) 1080 1920 x 1080@30fps (Appy Infinum) 2704 x 1520@30fps (Memory Card)
Photo Format	JPG
Video Format	MP4
Memory Card Type	SD/TF(1TB) SDXC and SDHC TF(32 and above) FAT32 Format Supported

Remote

Max. Operating Distance	≥50M(≥164ft)
Battery Capacity	1.1h 300mAh Lithium Batteries
Charging Time	≥180 minutes
Battery Life	≥ 2 hours
Applicable Mobile Phone Size	4.7 - 6.5inches
Operating Temperature	32°F -104°F(0°C -40°C)

USB Charing Cable

Charging Temperature	32°F -104°F(0°C -40°C)
Input Voltage	5V 2A
Rated Power	≤ 10W

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

RoHS Warning:

- Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU, Directive 2015/863/EU of the European Parliament and the Council of 4 June 2015 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast) (Text with EEA relevance).
- Waste Electrical and Electronic Equipment (WEEE) Directive 2012/19/EU on waste electrical and electronic equipment (WEEE) (recast).
- Directive 2006/66/EC of the European Parliament and the Council of 6 September 2006 on batteries and accumulators and waste batteries and accumulators and repealing Directive 91/157/EEC.

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