

SNAPTAIN SUPPORT

US

support@snaptain.com

CA

support@snaptain.com

UK

support.uk@snaptain.com

FR

support.fr@snaptain.com

ES

support.es@snaptain.com

www.snaptain.com

@snaptainofficial

@snaptain_official

SNAPTAIN

S550

4-AXIS DRONE

INSTRUCTIONS

Please read this manual carefully before flying and keep it well for future reference.

14+

ENGLISH01-23

FRANÇAIS24-48

ESPAÑOL49-73

ENGLISH

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DISCLAIMER AND SAFETY GUIDELINES

1. DO NOT look directly into the drone light.

2. DO NOT treat the product as household waste.

3. DO NOT fly above or near obstacles, crowds, open water, public road, high voltage power lines or trees.

4. DO NOT use the drone in severe weather conditions. These include wind, snow, rain, smog, hail, lightning, tornadoes or hurricanes.

5. Stay away from the rotating propellers and motors to avoid some tiny objects (e.g. hair) to get into them.

6. This product is not a toy and not recommended for users under age 14.

7. Please maintain line-of-sight of your drone at all times after it is powered up. Do not rely on the camera image to control your drone.

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»DISCLAIMER AND SAFETY GUIDELINES

8. This drone does not come with a GPS module. Please fly the drone within the control range and always keep an eye on the flying.

GPS

9. This product is not intended for professional aerial drone photography.

10. Be sure to observe all local regulations, obtain appropriate authorizations and understand risks. Please note it is solely your responsibility to comply with all flight regulations.

SNAPTAIN accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. The user shall observe safe and lawful practices including, but not limited to, those set forth in these Safety Guidelines. SNAPTAIN reserves the right to update this user manual.

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»MAINTENANCE AND CARE

1. Thoroughly check the drone after crash or violent impact.

2. Do not charge battery if it is hot. Let it cool down first.

3. Remove the batteries from both the drone and the remote if they will not be used for a long time.

4. Unplug the charger once the battery is fully charged.

5. Store the drone and remote in a cool, dry place away from direct sunlight.

6. Avoid direct contact of the camera with water or other liquids. Wipe dry with a soft absorbent cloth if it gets wet.

7. Do not charge the battery next to inflammable materials, such as carpet, wood floors or countertops etc., or on surfaces that are electrically conductive. Do not leave the battery unattended while charging.

8. Please use the original battery provided. Use an incorrect type of battery may lead to fire hazards.

9. Do not dispose of the battery in fire or a hot oven, cut or mechanically crush the battery, as this may cause explosions.

10. Do not leave the battery in an extremely high temperature environment that can result in an explosion or the leakage of flammable liquid or gas.

11. Do not expose the battery to the extremely low air pressure, as this may result in an explosion or the leakage of flammable liquid or gas.

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»PRODUCT OVERVIEW

S55C Drone

1 Propeller

2 Motor

3 Front LED

4 Battery Compartment

5 Rear LED

6 Camera

7 ON/OFF

8 Memory Card Slot

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»PRODUCT OVERVIEW

Remote

1 Speed Switch

2 Left Control Stick

3 Forward Trim

4 Leftward Trim

5 Backward Trim

6 Rightward Trim

7 Phone Clamp

8 360° Flip

9 One Key Take-off/Landing

10 Headless Mode/One Key Return(long press)

11 Photo/Video(long press)

12 Emergency Stop

13 Right Control Stick

14 Power Indicator

15 On/Off

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»FLIGHT PREPARATION

1. Install the landing skids and propeller guards into the drone, then tighten the screws.

2. Charge the battery of the drone.

5V/1-2A

Charging: Red LED

Fully Charged: LED Off

Notes:

* The LEDs of the drone will flash when the battery is low during flight.

* Please use the original battery and USB cable provided.

* Keep the battery away from any sharp objects that could puncture into the battery to avoid risks of explosion and fire.

* It's not recommended to charge the battery from the USB port of PC.

* Flight time may be reduced when flying in low-temperature environments.

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»FLIGHT PREPARATION

* To extend the battery's lifespan, recharge it at least once every three months if not using it for long periods of time.

3. Install the drone battery after it's fully charged.

* Place your thumb on the edge of the lid covering the drone battery and slide to open.

* Push towards the head of the drone to close the battery cover.

4. Insert a memory card (not included) into the drone.

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»FLIGHT PREPARATION

5. Install the remote batteries.

6. Unfold the Phone Clamp and mount your mobile device when using it to fly your drone. (Optional)

7. Replace the propellers when it's needed. (Optional)

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»FLIGHT OPERATION GUIDE

1 Remove the cap on the propeller.

2 Loosen the screw to remove the propeller.

3 Fit the spare propeller into the drone. Make sure the mark (A/B) on the propeller is the same as the mark on the arm of the drone.

4 Tighten the screw and install the cap.

FLIGHT OPERATION GUIDE

IMPORTANT

* Make sure you power on the drone first, then the remote in each flight.

* Do repeat the pairing procedure each time when the drone or remote is restarted.

* For all flight functions and modes, the operator and tail of the drone must be aligned.

* When recommended flying in the open air and within the control range for beginners.

Remote Operation Guide

Pair the Remote with the Drone

Step 1:

Turn on the drone, then place it on a flat surface with the head forward. LEDs on the arms of the drone start to flash slowly.

Flash slowly

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»FLIGHT OPERATION GUIDE

Step 2:

Press the On/Off button on the remote to turn it on and there is a beep from the remote.

Tip:

Press and hold the On/Off button to turn off the remote.

Step 3:

Push the Left Control Stick forward to the top, then pull it backward till the bottom. Pairing is successful when the LEDs of the drone turn to solid on from quick flashing.

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»FLIGHT OPERATION GUIDE

Flight Calibration

Move both control sticks to lower left or right at 45°, then hold for 2s until you hear a long beep from the remote. Calibration completes when the LEDs of the drone turn to solid on from quick flashing.

Flight Instructions

Take-off

Option 1:

Press the One Key Take-off button to take off.

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»FLIGHT OPERATION GUIDE

Option 2:

Push the Left Control Stick to lower left at 45° and the Right Control Stick to lower right at 45° at the same time until the four rotor blades start rotating, then slowly push the Left Control Stick forward to take off.

Flight Directions

Left Control Stick

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»FLIGHT OPERATION GUIDE

Right Control Stick

Flight Trimming

If the drone drifts forward or backward when hovering, press the Backward Trim button or the Forward Trim button to adjust.

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»FLIGHT OPERATION GUIDE

Photo/Video

Short press the One Key Take-off button to take a photo. There's a beep from the remote and the rear LEDs of the drone flash once. Press and hold the One Key Take-off button to start recording a video; there's a beep from the remote and the rear LEDs of the drone keep flashing while recording the video. Press and hold it again to end and save the video.

Speed Switch

The drone is set to low speed by default. Press the Speed Switch button once for Medium speed and there are two beeps from the remote. Press it again for High speed and there are three beeps from the remote.

Headless Mode

Short press the Headless Mode button to activate Headless Mode. There are continuous beeps from the remote; the LEDs of the drone flash slowly. In this mode, the drone will fly following the direction of the Right Control Stick regardless of the position of your drone's head or tail. Press the same button to exit this mode.

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»FLIGHT OPERATION GUIDE

Standard Mode

Headless Mode

360° Flip

After flying the drone to a height over 2m, press the 360° Flip button to activate 360° Flip function. Then move the Right Control Stick to flip the drone accordingly.

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»FLIGHT OPERATION GUIDE

One Key Return

Press and hold the One Key Return button, then the drone will fly toward its back following a path parallel to its original take-off path. Press and hold the One Key Return button again or push the Right Control Stick forward to cancel this mode.

Altitude Hold/Hover

This is one of the default settings on the drone. When you release the Left Control Stick after an ascending/descending action, the drone will hover at the current flight height. For a stable flight, press the trim buttons to adjust accordingly.

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»FLIGHT OPERATION GUIDE

Landing

Option 1:

Press the One Key Take-off button to land the drone.

Option 2:

Slowly pull the Left Control Stick backward to land the drone until the propellers stop rotating.

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»FLIGHT OPERATION GUIDE

App Operation Guide

App Downloading and Installation

Download and install Snaptain Era into your mobile device from App Store/Google Play or by scanning the QR code below.

For Android 4.4 and later

For iOS 8.0 and later

Pair the App with the Drone

Step 1:

Power on the drone and the LEDs will flash.

Step 2:

Go to the Wifi settings of your mobile device and connect to the Wifi Snaptain-S5C-xxxxxx.

Step 3:

Open Snaptain Era App. Tap Function Display and ON/OFF to turn on the App. LEDs on the drone turn to solid on at a successful connection.

Step 4:

Tap One Key Take-off to calibrate the drone.

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»FLIGHT OPERATION GUIDE

Notes:

* If Snaptain-S5C-xxxxxx is not listed or the App doesn't show the preview image, please restart the drone and search the Wifi of the drone again.

* Make sure Snaptain-S5C-xxxxxx Wifi is only connected to one device.

* It's recommended that you turn off cellular data when your mobile device connects to the Wifi Snaptain-S5C-xxxxxx. Otherwise, the Wifi connection with the drone may be interrupted.

Function Overview of the App

1 Back

2 Photo

3 Video

4 Media Gallery

5 Speed Switch

6 G-Sensor

7 Emergency Stop

8 One Key Take-off/Landing

9 App ON/OFF

10 More

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»FLIGHT OPERATION GUIDE

Trim Clockwise/Anticlockwise

1 Trim Clockwise/Anticlockwise

2 Gestures for Photo/Video

3 Left Forward/Rightward

4 VR Mode

5 Headless Mode

6 Trajectory Flight

7 Trim ON/OFF

8 Calibration

9 Voice Control

10 Forward/Backward/Leftward/Rightward

11 Trim Forward/Backward

12 Turn Left/Right

13 Ascend/Descend

14 Battery Status

15 Wifi Signal

More:

Tap One Key Take-off to hide or display icons from D to L.

Photo:

Tap One Key Take-off once to take one photo.

Video:

Tap One Key Take-off once to start recording, tap again to end and save the video.

Media Gallery:

Tap One Key Take-off to check the photos and videos saved to the mobile device.

G-Sensor Mode:

Tap One Key Take-off to activate this mode. The drone will fly following the inclines of your mobile device in its landscape orientation.

VR Mode:

VR device (not included) is required to activate VR Mode.

Calibration:

Tap One Key Take-off to calibrate the drone directly.

First, swipe down the Left Control Stick, then tap One Key Take-off to calibrate the drone.

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»FLIGHT OPERATION GUIDE

Voice Control:

Take off, land, forward, backward, to leftside, to rightside.

Gestures for Photo/Video:

Tap One Key Take-off to activate this function. Within a distance of 2-3m to the camera, please face the camera and make a One Key Take-off gesture with your right hand to take a photo, a One Key Take-off gesture to start/end recording a video.

Wifi Signal:

Check the Wifi status of the drone to avoid losing control. When it drops to 1 of 4 bars (1/4), please fly the drone back immediately.

Battery Status:

Check the battery status of the drone.

Trajectory Flight:

Tap One Key Take-off to activate this mode. Draw a path in the blank area on the screen and the drone will fly following the path. Tap One Key Take-off to modify flight distance and time accordingly. Tap One Key Take-off again to exit from this mode.

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»TROUBLESHOOTING GUIDE

Q1: Drone LEDs do not light up.

* Press power button on the drone.

* Replace or charge your drone battery.

Q2: Drone LEDs keep flashing, but the drone never responds to any command from the remote.

* Replace or charge the battery of the drone.

* Make sure the batteries of the remote have enough power.

Q3: The flight is not stable.

* Return the drone and restart to do a flight calibration as instructed.

* Make the flight trimming accordingly.

* Fly the drone when the weather is good.

Q4: The response from the drone to the control is not sensitive.

* Make sure the distance between the drone and the mobile device is effective.

Q5: Connection between the drone and the App is frequently lost.

* Make sure the distance between the drone and the mobile device is effective.

* Make sure your mobile device is not connected to another network.

Q6: The App doesn't respond to voice commands.

* Ensure the drone App has access to the audio function of your mobile device.

Q7: Some of the functions don't work in the App.

* Make sure the switch for the App is ON.

Q8: The drone will fly beyond the control range.

* Activate the Headless Mode, then move the Right Control Stick to fly the drone back.

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»SPECIFICATIONS

USB Cable

Input

5V $\pm$ 1-2A

Output

4.2V $\pm$ 800mA

Rated Power

3.36W

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FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

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.

For EU QUADROPTER:

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

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

ISDC Warning:

This device complies with Industry Canada license-exempt RSS (standards). Operation is subject to the following two conditions:

(1) this device must not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation de cet appareil est soumise aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

For RF QUADROPTER:

The device is compliance with RF exposure guidelines, users can obtain Canadian Information on RF exposure and compliance.

This means that this product must be handled according to European directive 2013/25/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

This product can be used across EU member states.

The device is low power device. It can meet the requirement of the RF exposure.

EU Compliance Statement: Shenzhen VarTop Technology & Innovation Co., Ltd. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of the Directive 2014/53/EU.

A copy of the EU Declaration of Conformity is available online at <https://d3cc-certip.com/>.

BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY

Manufacturer

Shenzhen VarTop Technology & Innovation Co., Ltd.

Manufacture address:

S55, 20175, BUCKLE, HONG KONG, China

Shenzhen District, Shenzhen, China

CE

REP

C&E Connection E-Commerce (DE) GmbH

Zum Linienweg 20, 69383, Friedlufthaus, Germany

info@connection.de