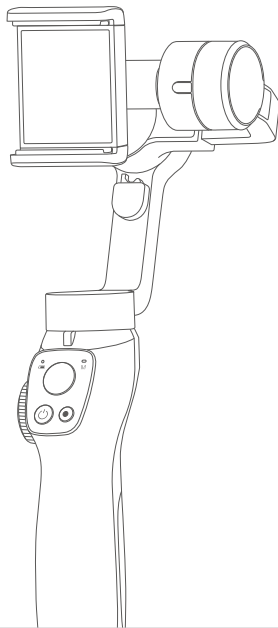# VanTop
Snap Your MOMENT

NIMBAL M3

USER MANUAL

ENGLISH

VanTop has the right to regularly update the user manual without notifying the user, but the user could visit www.vantop.com to check the latest instructions if it's available.

CONTENTS

IMPORTANT INSTRUCTIONS

1. Do not drop or hit against your Nimbal M3 vigorously, which may cause damage to it.

2. Please do not spill any liquid onto your Nimbal M3. It is recommended to use a soft dry cloth to clean it.

3. Please avoid any sand or dust from getting into your Nimbal M3 during the use.

4. When you power on Nimbal M3, please hold the handle vertically and stably. Do not shake it during the startup process; otherwise, it may cause an abnormal startup.

5. Before using your Nimbal M3, please ensure that the power is sufficient.

6. We recommend to recharge and discharge Nimbal M3 every 3 months or so to maintain a healthy battery state.

7. Please do not charge your Nimbal M3 near flammables. Always keep an eye on the charging process to avoid any risk.

8. Do not store your Nimbal M3 for a long time after its battery completely drains, which may cause damage to the battery cell. If you will not use it for a long time, please charge it to 45%-65% power (indicated by 2-3 bars in Gimo App), then store it.

9   Do not use or store Nimbal M3 near a fire source or in an environment with a high temperature of 60°C(140°F) or above.

10 Only use the original charging cable provided by VanTop to charge your Nimbal M3.

11 Nimbal M3 has a built-in lithium battery, please do not disassemble it by yourself.

12 Do not dispose of your Nimbal M3 in your household waste due to the battery inside. Dispose of it following your local environmental laws and regulations.

PRODUCT OVERVIEW
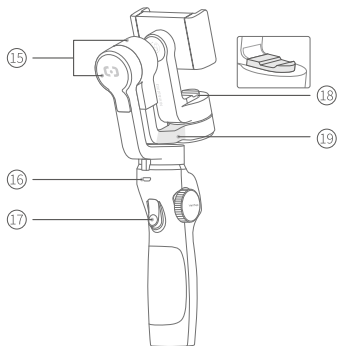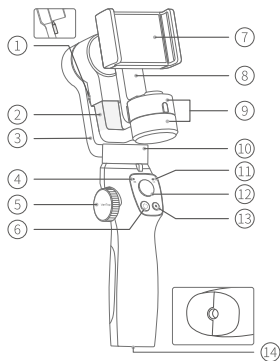
1. Buckle
2. Adjustable Arm
3. Pan Axis
4. Battery Level Indicator
5. Handwheel
6. Power/Mode Button
7. Rotatable Phone Holder
8. Tilt Axis
9. Tilt Motor
10. Pan Motor
11. Mode Indicator
12. Joystick
13. Photo/Video Button
14. 1/4" Tripod Mounting Thread
15. Roll Motor
16. Micro USB
17. Trigger
18. Mounting Slot
19. Roll Axis

CHARGE YOUR NIMBAL M3

Please fully charge your Nimbal M3 before your first use. To charge it, connect a USB adapter (not included) to the **Micro USB** port with the **USB Cable** provided.

5V/2A
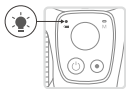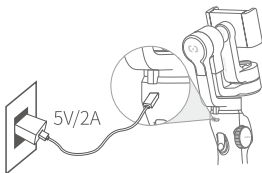
- Charging:
  The **Battery Level Indicator** flashes red.
- Fully Charged:
  The **Battery Level Indicator** turns solid green.

> Tip:
> We recommend charging the **Nimbal M3** in the power-off state.

MOUNT AND BALANCE A MOBILE PHONE

ⓘ IMPORTANT:
① Only mount and balance a mobile phone when your Nimbal M3 is powered off.
② It's not recommended to mount the mobile phone with a case.
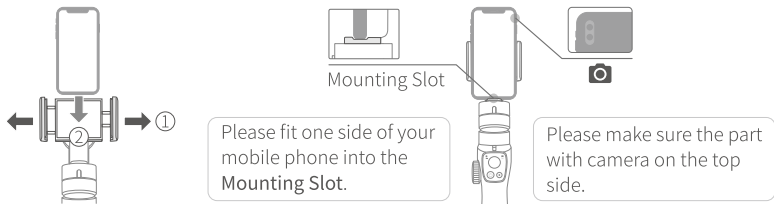
Mount and Balance A Mobile Phone Horizontally

Step 1:
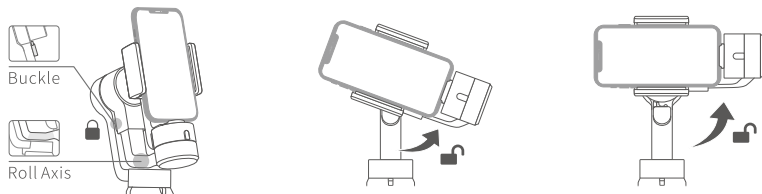
Take out your Nimbal M3 from the **Carrying Bag**.

Step 2:

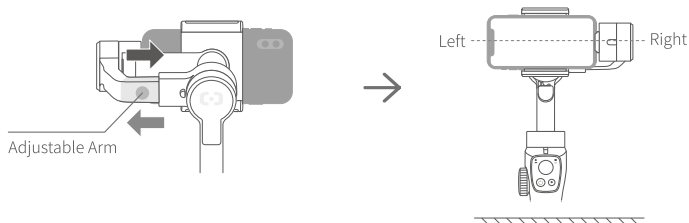Pull both sides of the **Phone Holder** outwards, place your phone into the holder, then release.

Mounting Slot

Please fit one side of your mobile phone into the **Mounting Slot**.

Please make sure the part with camera on the top side.

Step 3：

Unfold the **Roll Axis** rightwards to unlock the **Buckle**.

Buckle

Roll Axis

Step 4：

Adjust the **Adjustable Arm** to make your phone to remain level.
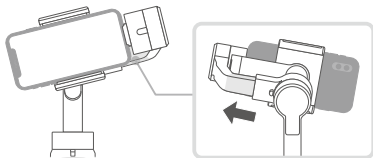
Adjustable Arm

Left ---- Right

How to Balance

1 If the **Roll Axis** has a rightward weight bias, please push in the **Adjustable Arm**(to the left) until the mobile phone remains level.
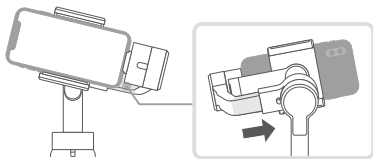
2 If the **Roll Axis** has a leftward weight bias, please pull out the **Adjustable Arm**(to the right) until the mobile phone remains level.

③ If your phone is too heavy to be balanced by the **Adjustable Arm**, you can stick the **Counterweight** onto the **Tilt Motor**.
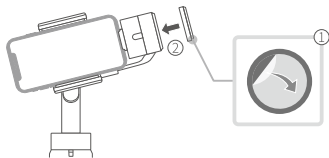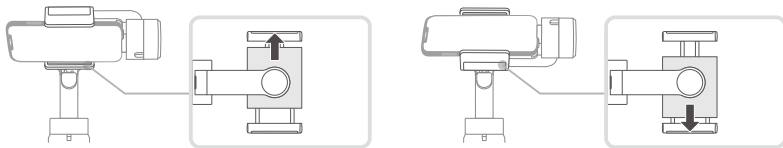

- Width of phone: 55-88mm

- Max. weight of phone: 250g

💡 Tip:
If the phone is still not level after sticking the **Counterweight**, please repeat the steps ❶ and ❷ .

④ If the screen of your phone is not facing you, please slightly adjust the **Phone Holder**.

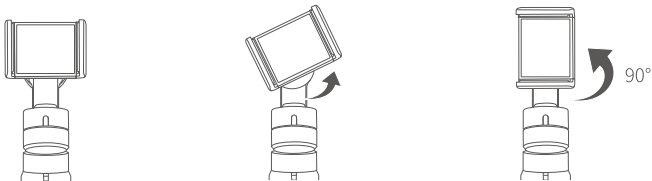# Mount and Balance A Mobile Phone Vertically

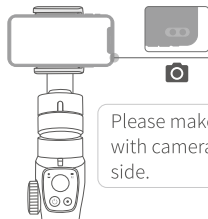### Step 1:

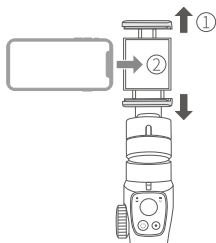Take out your Nimbal M3 from the **Carrying Bag**.

Step 2:

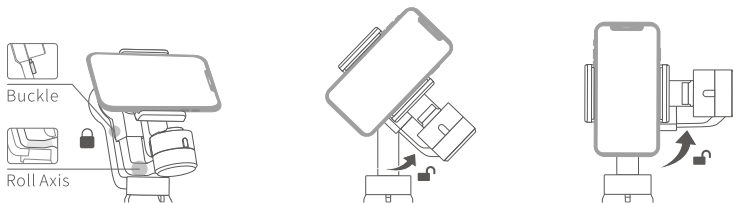Rotate the **Phone Holder** 90°.

90°

Step 3:

Pull both sides of the **Phone Holder** outwards, place your phone into the holder, then release.

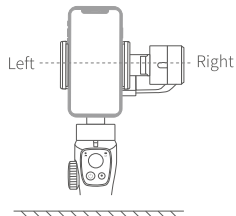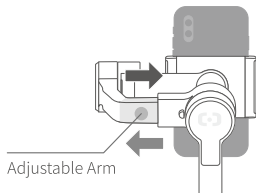Please make sure the part with camera on the right side.

Step 4:

Unfold the **Roll Axis** rightwards to unlock the **Buckle**.

Buckle

Roll Axis

Step 5:

Adjust the **Adjustable Arm** to make your phone to remain level.
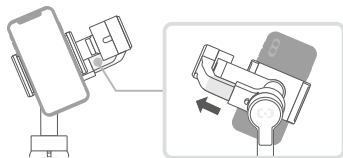

Adjustable Arm

Left ---- ---- Right

How to Balance

① If the **Roll Axis** has a rightward weight bias, please push in the **Adjustable Arm**(to the left) until the mobile phone remains level.
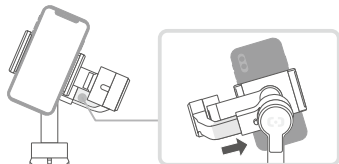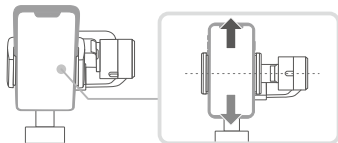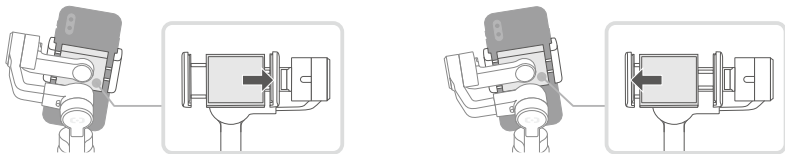
2 If the **Roll Axis** has a leftward weight bias, please pull out the **Adjustable Arm**(to the right) until the mobile phone remains level.

3 If the screen of your phone is not facing you, slightly move your phone upward or downward to adjust.

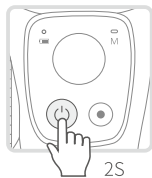4 More precise adjustment can be achieved by the **Phone Holder**.

USE YOUR NIMBAL M3

Controls and Operations

1. Power/Mode Button

Power On/Off
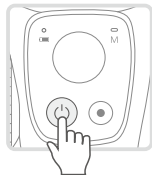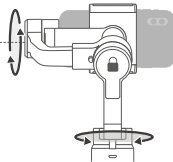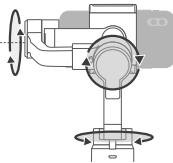
Press and hold the **Power/Mode Button** for 2 seconds to power the Nimbal M3 on/off.

2S

Gimbal Modes

After powering on, short press the **Power/Mode Button** to switch the gimbal modes between **Pan & Tilt Follow Mode** and **FPV Mode**.

Mode Indicator	Mode	Figure	Description
Solid Green	Pan & Tilt Follow Mode (P&T F)		The **Roll Axis** is locked, but the **Tilt Axis** and **Pan Axis** will move following the handle. 🔆 Tip: You can switch to **Pan Follow Mode (P F)** by tapping 🔘 > **Advanced Mode** in the App. With this mode, only the **Pan Axis** will move following the handle.
Solid Blue	FPV Mode(FPV)		**First Person View** mode, which indicates the **Tilt Axis**, **Pan Axis** and **Roll Axis** will all move following the handle.

Operation Modes

* This function is only applicable when the phone is horizontally mounted (see page 04-08).

After powering on, quickly press the **Power/Mode Button twice** to switch the operation modes between **Portrait Mode** and **Landscape Mode**.
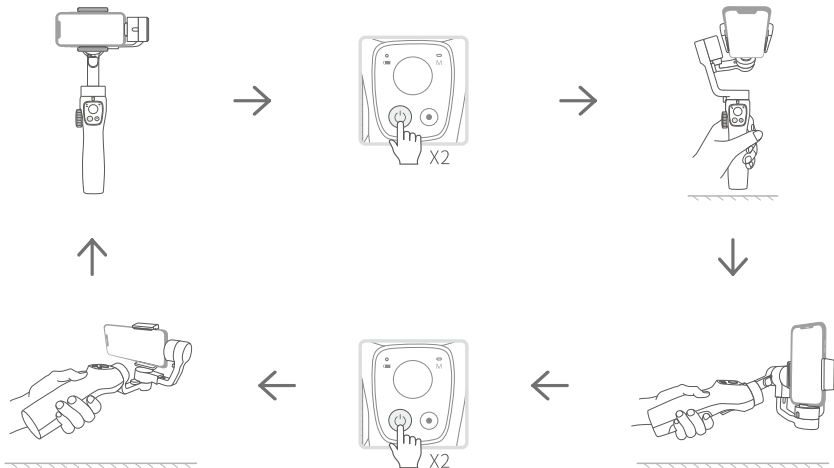
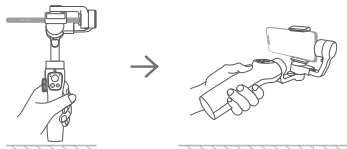## Inception Mode

① After powering on, quickly press the Power/Mode Button for three times to enter the Inception Mode.

X3

② Hold the gimbal horizontally.

→

③ Push and hold the Joystick leftward/rightward to start shooting.

④ Quickly press the Trigger twice to center the gimbal and exit the Inception Mode.

X2

2. Battery Level Indicator

After powering on the Nimbal M3, you can check the battery of Nimbal M3 from the **Battery Level Indicator**.

- ■ **Solid Green:** ＞30% power
- ■ **Flash Red Slowly:** 20%-30% power
- ■ **Flash Red Quickly:** ＜20% power; please charge it timely.
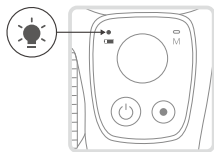
3. Joystick

1 Push the **Joystick** upward/downward to tilt the camera view of your phone.

2 Push the **Joystick** leftward/rightward to pan the camera view of your phone.

💡 Tip:
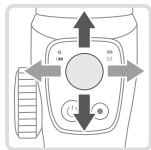
You can change the direction and the sensitivity of the **Joystick** by tapping 🔘 > **Joystick** from VanTop Gimo App.

4. Photo/Video Button

1. Press the button once to take a photo.

2. Press and hold the button for 2 seconds to start recording; press and hold it for 2 seconds again to stop the recording.

3. During the recording, press the button once to pause recording and press it again to resume.

4. Double press to switch between the front camera and rear camera.
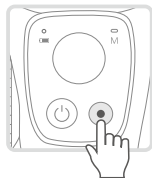
5. Handwheel

1. Adjust the **Handwheel** to zoom in or zoom out the image, but this function is only available when using VanTop Gimo App.

2. Press the **Handwheel** once, then adjust the **Handwheel** to tilt the camera view of your phone by default; press it again to get back to **Zoom Mode**.
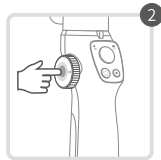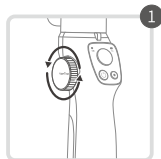
> 💡 Tip:
> You can change the direction and sensitivity of **Handwheel** by tapping 🔧 > **Handwheel** from VanTop Gimo App.

6. Trigger

1 Press and hold the **Trigger** to enter **Locked Mode**, and release it to get back to the previous gimbal mode. In **Locked Mode**, the **Mode Indicator** will turn solid red, the **Tilt Axis**, **Pan Axis** and **Roll Axis** are all locked, which indicates your phone will be kept in the same orientation regardless of the handle's movements.

2 Quickly press the **Trigger** twice to center the gimbal.
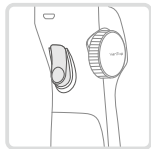
> 💡 Tip:
> To ensure the gimbal can be centered quickly and resume following, the final position of the **Pan Axis** will be within a range of ±5°from the true center. The **Joystick** can be used to fine-tune the gimbal to the true center.

3 Press the **Trigger** button once, then immediately press and hold it to enter **Action Mode**. The **Mode Indicator** will flash green. This essentially makes the gimbal more responsive to movements by increasing the motor speed.

7. Manual Lock

Manually adjust an axis (except for **Roll Axis**) to a certain position and hold it for more than 2s, your phone will be kept in the orientation you prefer. This is to help you focus on your shooting target.
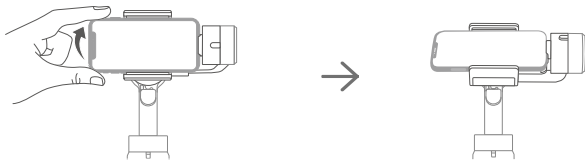
> ⚠ Note:
> This function is only applicable in Pan & Tilt Follow Mode(P&T F) and Pan Follow Mode(P F) when the Mode Indicator is solid green.

VANTOP GIMO APP

Download and Install the App

Option 1:
Search for VanTop Gimo on Apple Store™/ Google Play™, then download and install it on your mobile phone.

Option 2:
Scan the QR codes on the right side.

Android 5.0 and later

iOS 10.0 and later

⚠ **Note:**

Google Play™ is a trademark of Google Inc., and App Store™ is a trademark of App Inc.

Connect to the VanTop Gimo App

Step 1:
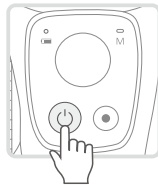Enable the Bluetooth on your mobile phone.
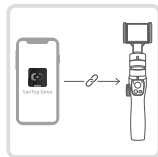
Step 2:
Power on your Nimbal M3.

Step 3:
Launch VanTop Gimo App.

VanTop Gimo

Step 4:
Follow the in-app instructions to connect to Nimbal M3.

⚠ **Note:**
If you are using the original camera app of your phone or the camera app from the third party, please go to the Bluetooth setting of your mobile device to connect to "Photo-Shutter".

Key Features of VanTop Gimo App

Photo/Video		Camera Settings
Time-lapse Shooting		Gimbal Settings
Hitchcock Effect		Zoom/Focus
Panoramic Photography	VanTop Gimo	Beauty and Filter
Object Tracking		Calibration
...		...

> ⚠ Note:
> We will regular update the App for better experience, please see the lastest in-app instructions for the details if the new version is available.

TROUBLESHOOTING GUIDE

1. A Guide to the Mode Indicator

Solid Green	Pan & Tilt Follow Mode(P&T F) / Pan Follow Mode(P F)
Solid Red	Locked Mode
Solid Blue	FPV Mode
Flash Green	Action Mode
Flash Red	Auto Protection of the Gimbal is Triggered

2. Bluetooth connection failed in the Gimo App.

* Please make sure only one phone is connected with Nimbal 3 via Gimo app.

* Please disable Gimo App on the background, then launch it again to connect.

3. The Mode Indicator flashes red.

The auto protection of the gimbal will be triggered when:

* no phone is installed.

* the weight of your phone is over the max. loading weight of the gimbal(250g).

* the phone is not balanced correctly.

If there is no any operation within 2 minutes when the indicator flashes red, the gimbal will be auomatically power off. You can install and balance the phone within 2 minutes, then short press the **Power/Mode button** to solve this issue.

4. The Pan Axis slightly moves.

* Please calibrate the gimbal by tapping > **More** > Gyro Calibration.

5. The phone cannot be balanced.

* Please follow the instructions from page 4 to page 12.
* Do not mount your phone with a case.
* The balance of the phone can only be adjusted as much as possible, and the gimbal will automatically balance it after powering on even though it is slightly skewed.

SPECIFICATIONS

Operation frequency	2402-2480MHz
Max. RF output power	<18dBm

VANTOP SUPPORT

North America	support@vantop.com
United Kingdom	support.uk@vantop.com
France	support.fr@vantop.com
España	support.es@vantop.com

www.vantop.com

@vantopofficial

@vantop_official