# CONTENTS


Introduction 2
- At a galance 3

Modes 4

Install 5

Operation(turn on) 6

Snoppa M1 8
- Function button and LED indicator 8
- Working Modes 10
- Shooting Modes 11
- Angle Adjustment 13
- Weight Stack Compatibilty 14

Snoppa App 15
- Download and Installation 15
- Connect Snoppa App 15
- Snoppa App Settings 17

Specifications 20

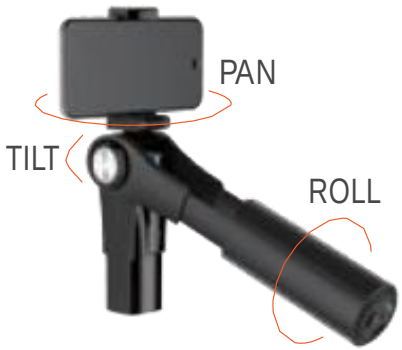
Package Content 21

Other 22

# Introduction

The Snoppa M1 is an advanced 3-axis gimbal that stabilizer and controls your smartphone, desined by Snoppa Tech Company.

STARAGED

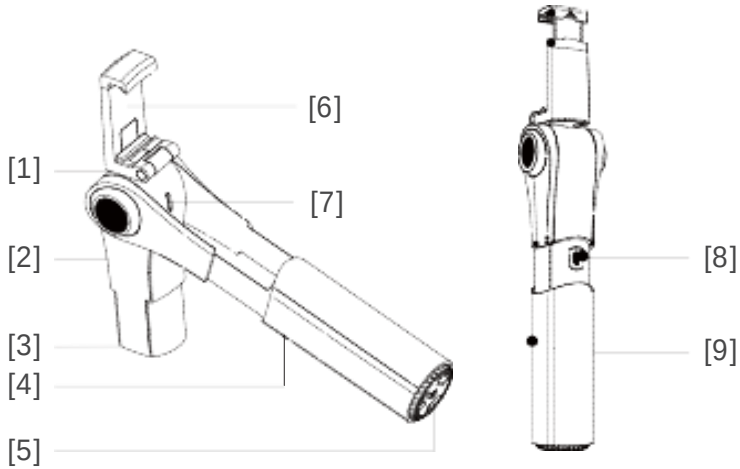



M1 EXPANDED





## At a Galance




[1] PAN Motor
[2] TILT Motor
[3] weight stack
[4] ROLL Motor
[5] 1/4 screw mount
[6] foldable mobile phone holder
[7] bluetooth LED & function button
[8] micro usb port
[9] Handlebar

# Modes

## STANDBY

hold the tilt motor into handlebar, M1 into standby mode.
App disconnected, after 20s, M1 goes into standby mode

wake up on standby


move tilt motor down to 60 degree or more, M1 will be active.

## WORKING

working mode
(APP connected or discennected)

## OFF MODE

APP discennected,
M1 turned off

## SLEEPMODE

After more than 30 minutes without any operation in standby mode, M1 automatically goes into sleep mode, Bluetooth can't be found. To be reconnected, one short press, Bluetooth will be active again.



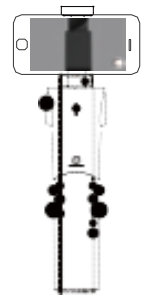


# Install

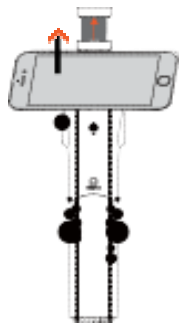
## Install Device

[1].unfold mobile phone holder

[3].balance the mobile phone in the middle



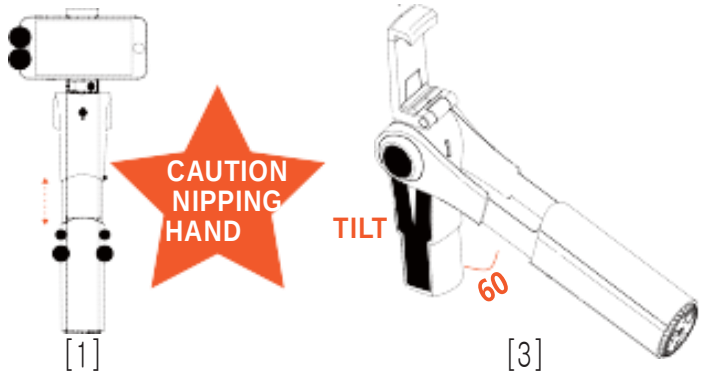
[2]Clamp smartphone into the holder



# Operation(turn on)

## A. WITHOUT SNOPPA APP

[1]. Mount mobile phone,Pull out handbar ;




[2]. A short press LED indicator (LED starts blink), then long press LED indicator untill LE D keeps on.

[3].pull out handlebar, keep the intersection angle between tilt motor and handlebar at least 60, gimbal start working.

⚠ M1 working as default mode





## B. WITH SNOPPA APP

[1]. APP Download and installation
iPhone users can sacn the bacode below to intall our APP, or search “snoppa” at APP Store or Google Play and install our APP.

[2]. Turn on your Bluetooth on your phone, launch Snoppa APP, select the Bluetooth icon, into bluetooth setting, select your M1 device （default name SNOPPA-xxxx, default passWord: 000000）, Pair with moblie phone.


Bluetooth icon

[3]. Pull out handlebar, plumb tilt motor, gimbal start working.

# Snoppa M1

## Function button and LED indicator

There is only physical button on Snoppa M1. It's both function button and Led indicator

bluetooth LED
& function button

### BUNTTON PATTERN

| buntton pattern | Discreption |
|---|---|
| single press | active bluetooth / switch working mode |
| short press+long press(2s) | turn M1 on |
| long press(2s) | turn M1 off |
| long press(10s) | bluetooth restoration |



SNOPPA M1

### BLINKING PATTERN

| Blinking pattern | Iscreption |
|---|---|
| LED on | M1 on working mode / bluetooth discennected, App standby mode / full charged |
| Green blinks fast (on 0.2s, off 0.2s) | Single press |
| Green blinks (on 0.2s, off 1.5s) | Bluettoth connection states |
| Green blinks slowly (on 1.0s, off 1.0s) | Charging |
| Red blinks slowly (on 1.0s, off 1.0s) | low battery warning |
| LED off | Off mode |

## Working Modes

**PANTRACK**
roll and tilt motor is locked, pan camera by moving the handle

**OMNI TRACK**
roll motor is locked, pan and tilt camera by moving the handle

**LOCK**
roll, tilt and pan motor are locked

| Switch working mode | |
|---|---|
| with App | switch via App |
| without App | press LED indicator (switch on a loop) |





## Shooting Modes

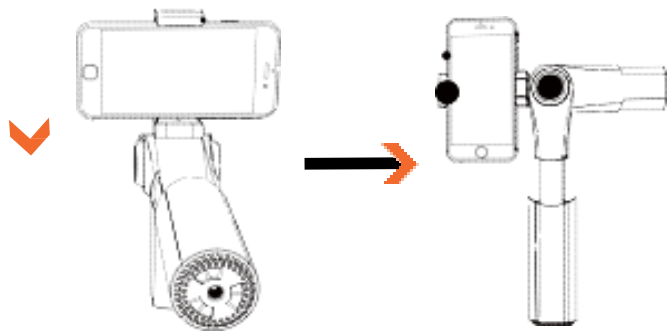
**Porerait Mode**

**landscap Mode**

**SWITCH**

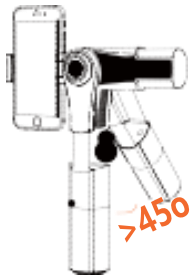
**landscap Mode ⟶ Porerait Mode**

In Porerait Mode, you can rotate mobilephone 90° to left or right by hand



**Porerait Mode ⟶ landscap Mode**

**Automatic switching** :




automatically switch to the landscap mode;

**Manual switching** :

In Porerait Mode, Adjust to horizontal direction by your hand

⚠ In portrait mode, if your mobile phone still canot be balanced when the tilt motor is vertical, you need to switch your weight stack.





## Angle Adjustment

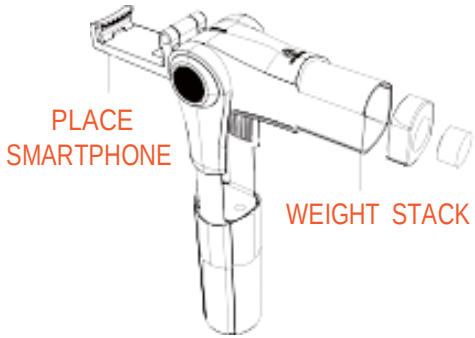
At all the work modes, shooting angle can be adjust by hand.

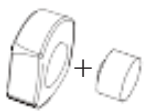
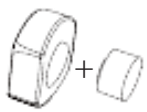
| | |
|---|---|
| **PAN TRACK** | 1. Pan is locked, Tilt is adjustable<br>2. Porerait Mode: Pan is adjustable, Tilt is adjustable |
| **OMNI TRACK** | 1.landscap Mode: Pan is locked, Tilt is adjustable<br>2.Porerait Mode: Pan is adjustable, Tilt is adjustable |
| **LOCK** | Pan is adjustable, Tilt is adjustable |

### Angle Adjustment Range

| | |
|---|---|
| **PAN** | Any angle |
| **TILT** | landscap Mode: 35°~85°<br>Porerait Mode: Any angle |

## Weight Stack Compatibilty




| ★ WEIGHT STACK COMPATIBILTY ★ | | |
|---|---|---|
| weight stack A | weight stack B | weight stack C |
|  plastic metal |  metal |  metal metal |
| compatible with iphone 5/6/7 or similarweight mobile phone | compatible with the mobile phone weight between iphone 5/6/7 plus or similar weight mobile phone | compatible with iphone 6/7 plus or similar weight mobile phone |





# SNOPPA App

Snoppa M1 works with Snoppa App, user can change camera and M1 settings. With Snoppa App, user can shoot timelapes and panorama easily.

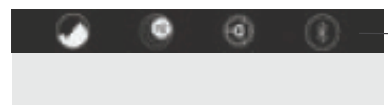
## Download and Installation

iPhone users can sacn the bacode below to intall our APP, or search “snoppa” at APP Store or Google Play and install our APP.

## Connect Snoppa App

[1]. Turn on your Bluetooth on your phone, launch Snoppa APP

[2]. Press bluetooth icon, into bluetooth setting



bluetooth icon (Disconnected)

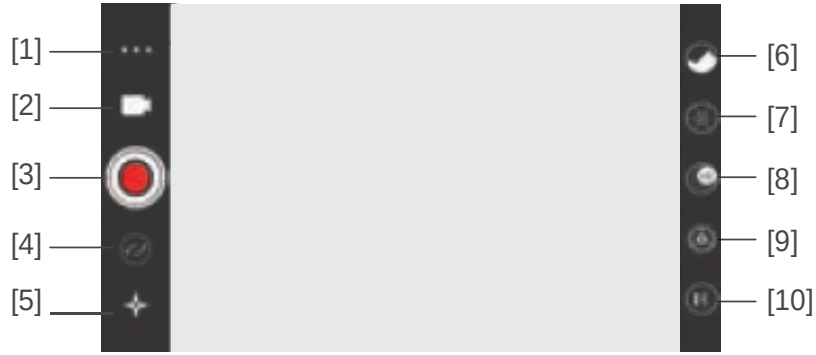
Connected

[3]. select your M1 device（default name SNOPPA-xxxx, default passWord: 000000）, Pair with moblie phone.






## Snoppa App Settings




[1] **Camera setting**

Select camera setting:hutter、flash、WB、focaldistance、ISO


[2] **Shooting mode**

- video
- panorama: Automatic 270° panoramic
- timelapse

[3] **Start shooting**

first press start recoreding, second press stop ; Can be hold in the middle of the shoot.

[4] **Switch back/front camera**

[5] **Tracking mode**

- **pan track:**
  roll and tilt motor is locked, pan camera by moving the handle
- **omni track:**
  roll motor is locked, pan and tilt camera by moving the handle
- **lock**
  roll, tilt and pan motor are locked

[6] **Gallary**

videos will be automaticly saved into Gallary, user can highlight videos by star level, add into selected list

[7] **Reference line**

There are three options:
None/Grid Line/Grid+Diagonals





[8] **Resolution**

Resolution:
540p HD 60HZ; 720p HD,30HZ ; 1080p HD,30HZ
1080p HD,60HZ ; 2160p HD,30HZ

[9] **System Setting**

BlueTooth Settings

Gimbal Settings
Horizontal and Vertical follow speed is adjustable ;
Horizontal and Vertical area settings is adjustable

Firmware Info

Firmware upgrade
The system will be prompted; upgrade process for about three minutes

User Guide

About Snoppa

[10] **Bluetooth connection**

after bluetooth connected, icon dispalys M1 battery level

# Specifications

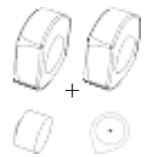
| ITEM | SPECS |
|---|---|
| Model | SP-M1 |
| Dimensions | Folded 208 x 53 x 43mm<br>Unfolded 266 x 53 x 43mm |
| Weight (battery included) | 450 g |
| Controllable range | Pan: 360˚ free rotation<br>Tilt: ±100°<br>Roll: 360˚ free rotation |
| Mobile phone width range | 58-82mm |
| Wireless | Bluetooth Low Energy |
| Runtime | 4 Hours |
| Battery Type | Lipo |
| Battery Capacity | 1050mAh(7770mWh) |
| Voltage | 7.4V |
| Charging temperature | -20°~ 45° |
| Operating temperature | -20°~ 45° |





# Package content

Check that all the following items are in the package. If something is missing, Please contact Snoppa Technology company or local dealer.

| | | |
|---|---|---|
|  | Snoppa M1 | x 1 |
|  | Micro USB | x 1 |
|  | Weight stack | x 1 |
| **Manual** | Warranty card | x 1 |
| | Snoppa M1 Instruction | x 1 |

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

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.

CE 0890 RoHS

Made in China

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.

If you have any questions about the document, Please visit our website: www.snoppa.com