

User manual

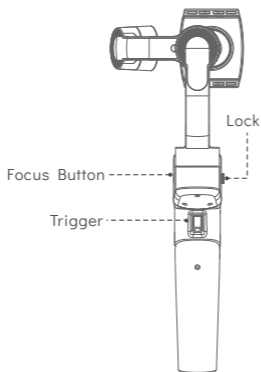
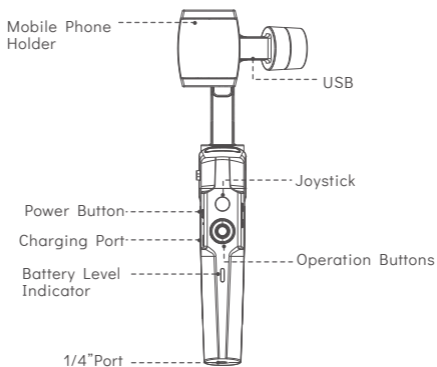
Battery and Charging

The MOZA Mini-S has a built-in lithium battery. Fully charge the battery before the first use of Mini-S. The power indicator LED blinks when the battery level is less than 20%. Charge it in time. With universal Type-C port, Mini-S can be charged by phone charger and mobile power supplier. The charging stops automatically when the battery gets full.

Notes:

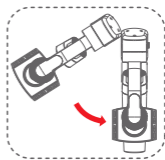
1. Please use the original charging cable provided in the package;
2. Please do not overcharge or over-discharge the battery. Otherwise the battery will be damaged;
3. Recharge and discharge the battery every 3 months to keep it activated if it is left unused for a long time.

Mini-S Overview



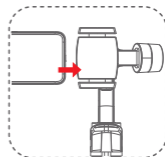
Foldable Design

- **Folded Status to Expanded Status**
Loosen the lock and rotate the gimbal 180° clockwise. Then it locks automatically.
- **Expanded Status to Folded Status**
Loosen the lock and rotate the gimbal 180° anticlockwise. Then it locks automatically.



Mounting the Mobile Phone

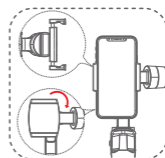
Place the mobile phone in the phone holder with its camera facing outwards, And then level the phone.



Vertical Mode (Portrait Mode)

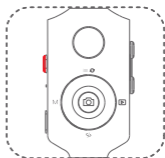
Hold the handle and rotate the phone holder 90° clockwise to switch from horizontal mode to vertical mode.

Hold the handle and rotate the phone holder 90° anticlockwise to switch from vertical mode to horizontal mode.



Starting Up

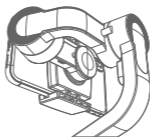
- Long Press Power button:
Power On/Off
- Short Press Power button Once:
Standby/Wake Up



Phone Charging

- Cable Charging

The Micro USB port on the tilt arm can be used to charge the mobile phone. (Charging cable is not included in the package.)



Phone Camera Control Cable

Phone camera control cable could help connect Mini-S with mobile phone to control internal phone camera, photo shooting and recording via some third party apps (Unsupported to some phone models and user might need to buy Type-C/Lightning adapter separately)



Download MOZA Genie App

Scan the QR code (printed at the end of this manual) or search for “MOZA Genie” in the App Store to download the MOZA Genie App. Android version: Android V5.0 and later. IOS version: IOS v9.0 and later.



1. MOZA Mini-S functions could be better performed with its customized MOZA Genie App
2. Please download the latest version. Updates are subject to change without notice.

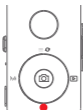
Connecting to the MOZA Genie App

1. Power on the MOZA Mini-S.
2. Open MOZA Genie App and choose the Mini-S device. The App will enter camera interface automatically when the connection is completed.

Simplified Operation

Down Button

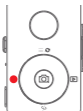
- Double press:
Sports Gear Mode
- Triple press:
Inception Mode



Follow Function

- Left Button

Press twice the left button: FPV mode, Press twice again to stop



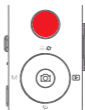
Trigger

- Double press: Re-center
- Press once+hold:
Switch to tilt follow
- Double press +hold:
Switch to All-locked



Joystick

- Move upwards: phone camera turns up
 - Move downwards: phone camera turns down
 - Move leftwards: phone camera turns left
 - Moverightwards: phone camera turns right
- The speed of camera moving increases with the larger moving range of joystick









Battery Level Indicators

- Three blue LEDs on:
70%-100% battery level
- Two blue LEDs on:
40%-70% battery level
- One blue LED on:
20%-40% battery level
- Blinking: below 20% attery level
- Solid red light: Charging
- Red light off: Charging completed



Camera Interface

	Press the center button once: start/ stop recording (only valid in video mode)
	Press twice the center button during recoring: take one photo (in video mode)
	Long press the center button:confirm to move timelapse point (in advanced timelapse mode)
	Press the top button once: open the menu
	Press twice the top button: switch to video mode/photo mode
	Long press the top button for 3s: switch to front camera/rear camera
	Press the right button once: phote playback in album Press once again to return to camera
	After the completion of timelapse points setting, long press the right button: start/stop advanced timelapse shooting (in advanced timelapse mode)
	Double press the down button: Sport gear mode
	Triple press the down button: Inception mode ($\pm 115^\circ$)
	Press twice the left button: FPV mode
	Press twice again to stop
	Hold the top focus button: Focus+
	Double press the top focus button: Automatic uniform focus+
	Hold the down focus button: FocusDouble press the down focus button: Automatic uniform focus-

APP Main Features

1. Recording control
2. Object tracking
3. Timelapse
4. Quick camera adjusting
5. Follow focus & zoom
6. Gimbal Setting
7. Calibration

Menu Interface

- Press the top button once: select upwards
- Press the down button once: select downwards
- Press the left button once: enter the next level
- Press the right button once: back to the previous level

Professional Mode

After entering the function menu and selecting “professional mode”, the camera parameter setting icon will appear on the side interface. The camera shutter, iso, focus mode, exposure compensation, white balance and other parameters can be set, and the parameters can be adjusted by the button. (The above parameter settings are determined by the model and software of smartphone. For different smartphones, parameter settings may vary slightly. Please refer to the actual smartphone.

Firmware Upgrade

Firmware upgrade: please scan the QR code at the end of the page for details to watch the tutorial.

Calibration

The gimbal should be calibrated in the following situations:

1. Abnormal operation of the gimbal.
2. After the gimbal is started, the horizontal angle is deviated again, which cannot be solved after re-center.
3. Deviation caused by external environment while using the gimbal

More details

Scan the QR code at the end of the page to watch the tutorial.

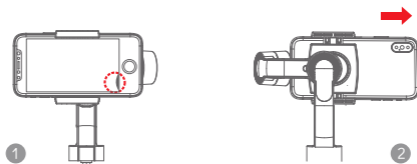
SPEC	
Max Payload	260g
Gimbal Weight	495g
Gimbal Dimensions (mm)	Extended Dimensions:116*95*317(W*D*H)
	Folded Dimensions:130*68*195
Supported Phone Dimensions	58 ~ 88 mm
Battery Life (hrs)	8-Hours
	Working votage: 3.7V
Battery specs	Battery capacity: 2000mAh
Charging Time	3-Hours
Mechanical Axis Angle:	Roll axis : 315°
	Pan axis : 270°
	Tilt axis: 200°

Shooting tips

When taking extra low-angle shots, please pull the upper clip outward sufficiently (see picture below) and place the phone in slightly upward position to avoid the collision between your phone the roll arm.



If the cameras on your phone are arranged vertically, to avoid the gimbal blocking camera view, please pull the phone outward properly until there is no block on the screen (See picture below)



 Note : Please ensure the gimbal is in power off/standby state before making the adjustments above.

GUDSEN

INVENTED FOR VIDEO

Shenzhen Gudsen Technology Co., Ltd

Web: www.gudsen.com