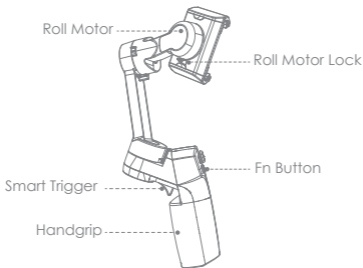
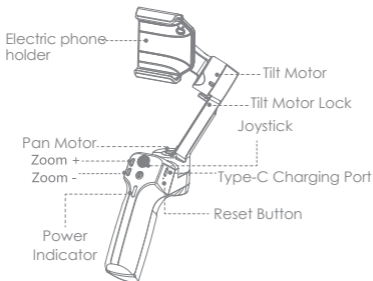


Mini/MX 2
User Manual 用户手册

Mini MX 2 Overview



▲ Note: Please activate MOZA Mini MX 2 with MOZA Genie App before the first use. Otherwise, normal working functions may be limited.

Download APP

You can scan the QR code to download the "MOZA Genie" directly, or you can search the "MOZA Genie" in the APP store & Google Play to download it.(scan the QR code below to download the APP)



1. The customized "MOZA Genie" APP for Mini MX 2 can help you make better use of the various functions of the gimbal.
2. Please routinely check for the latest version of the MOZA Genie app. Make sure you have set to automatic update on your mobile smartphone.

Installation and Unlocking

Follow the steps shown in the pictures below and unlock the gimbal.

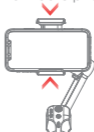


Phone Holder Operation

Power on and install the phone

Long press the power button to turn on the stabilizer. The phone holder will open automatically.

Place the phone in the center of the phone holder, the phone holder will clamp automatically when a mobile phone is sensed.



Power off and remove the phone

First press the trigger button and hold, while long press the power button, the phone holder will open automatically.

Then remove the phone, the phone holder will close and gimbal will turn off when it no longer sense the phone.



Phone holder operation

Press and hold the trigger button and "+" button: The phone holder will open

Press and hold the trigger button and "-" button: The phone holder will close

Charging

1. The MOZA Mini MX 2 has a built-in lithium battery. Before first use, fully charge it to condition the battery to ensure smooth operation.
2. When the power indicator starts flashing, the battery level is less than 20%. Please charge it in time.
3. With a universal Type-C port, Mini MX 2 can be charged by both phone charger and power bank.
4. The battery will automatically stop charging when it gets fully charged. The blue indicator light will turn off. Please disconnect the charger.

Battery Level Indicators

- The blue indicator light is always on in three bars, and the power is 70%~100%;
- Two bars of the blue indicator light are always on, the battery level is 40%~70%.
- The blue indicator light is always on, and the power is 20%~40%
- The blue indicator light flashes once, and the battery level is 0%~20%
- The blue indicator light flashes from top to bottom, and the gimbal is in upgrade mode
- The blue indicator lights are on from bottom to top, charging



Note: The indicator light is off after fully charged when power off, and the indicator light is always on after fully charged when power on.

Connecting to the MOZA Genie App

Refer to the illustration , installing the phone and balancing the gimbal.

Long press the function button for 3s to power on the gimbal, turn on the Bluetooth of the phone, launch the MOZA Genie App. Click the Bluetooth icon in the main interface of MOZA Genie App to search for connectable devices, select the device with the connection prefix as Mini MX 2. After successful connection, the gimbal will automatically enter the shooting interface.

Mini MX 2 Activation

Enter the APP main interface to select the gimbal to be connected, the activation prompt box will pop up, click Activate. After the activation is completed, the gimbal will work normally. If activation fails, please try to reactivate, if it fails again, please follow the prompts to contact customer service.

Button function (MOZA Genie App Control)

Fn button

Long press: on/off

Power on and enter standby mode
(phone not clipped/unlocked)

Single press: shutter; record / stop

Wake up (gimbal in standby mode)

Double press: switch to video mode/photo mode

Triple press: Horizontal and vertical mode switching



Joystick

Move upwards: phone camera goes up

Move downwards: phone camera goes down

Move leftwards: phone camera goes left

Move rightwards: phone camera goes right

Inception mode: Move leftwards, roll axis rotates counterclockwise.

Move rightwards, roll axis rotates clockwise



Zoom +

Click and hold: Zoom in

Single press: Pan-tilt follow

Double click: Automatically zoom in to maximum



Zoom -

Press and hold: Zoom out

Single press: FPV Mode

Double click: Automatically zoom out to minimum

Inception Mode: Push the joystick left and right
in FPV mode to control the rotation direction



Smart Trigger

Click and hold: All Lock Mode

Double click and hold: Sport Gear Mode

One-Click: Face Tracking and lock in the center of the shot.

Double click: Re-center and exit the current mode

Triple Click: Switch between the rear and front-facing camera



▲ Note: Mini MX 2 can control the phone's original camera to take pictures, record/stop. When working with a native camera, some key functions cannot be used. It is recommended to use it with MOZA Genie App. When the App is connected, the current mode will be displayed on the App.

Firmware upgrade

Turn off the power of the gimbal first, press and hold the ZOOM-button, and click the function button at the same time until the indicator light flashes from top to bottom, at this time the gimbal enters the firmware upgrade mode, then connect to the APP, and click firmware upgrade.

Bluetooth reset

When you cannot search for Mini MX 2 Bluetooth on your phone, please power on the gimbal, hold + button, then press the power button at the same time until the power indicator flashes. Then the Bluetooth reset is successful.

Product Specification

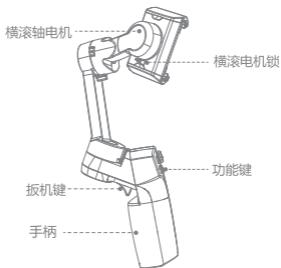
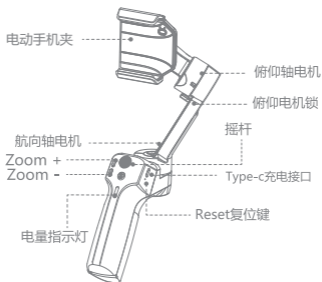
Payload	280g
Weight	423g
Gimbal Dimensions (L*W*H mm)	UnFolded:120*120*265
	Folded:145*60*180
Supported Phone	Width:60 ~ 88mm
	Weight:143~280g
Battery Life	24 h(Reference battery life under test with gimbal well balanced.)
Battery Specs	Working vorage: 7.4V
	Battery capacity: 2000mAh
Charging Time	2.5-Hours
Mechanical Range	Pan: 340°
	Roll: 300°
	Tilt: 140°

FAQ

1. Why does my gimbal automatically enters sleep mode after a short while of usage?	<p>1. Make sure you've installed your phone, and check whether the mobile phone is well balanced. Serious unbalance will cause motor overload and goes to sleep to protect it.</p> <p>2. Please have a check whether the indicator flashes quickly, if it does, it means low battery and the gimbal can not work.</p>
2. Does the gimbal support fast charging?	Fast charging is not supported, the charging specification is 5V/2A
3. What can I do if there is a delay in the movement and video in my App?	<p>1. Check whether the anti-shake function is turned on in the App, if it is, please turn off the anti-shake function.</p> <p>2. If the delay still exists after you turned off the anti-shake function, please uninstall the App and download it again. If the problem still exists, please contact our after-sale service.</p>

<p>4. What should I do if × appears after I opened the App and searched Bluetooth?</p>	<p>Close Bluetooth search box in the MOZA genie app, then re-open the search box and search again the Bluetooth device, try to connect again.</p>
<p>5. What should I do if the Object Tracking fails?</p>	<ol style="list-style-type: none"> 1. Please try to select a target of a suitable size in a single background environment. the screen and be clearly visible without any foreground objects. 2. If it still doesn't work, please try to upgrade the App and gimbal firmware.
<p>6. What is Magic Mode?</p>	<ol style="list-style-type: none"> 1. The Magic Mode in MOZA Genie App provides some cool short clips filming templates, you can easily shoot several clips by following the templates. 2. The Magic Mode guide you record and filming from three aspects including "camera movement", "transition", "sound effect" to achieve "one step filming". 3. You just need to hold a button to start shooting, the gimbal will automatically move according to the scene's requirements, and some may provide tips to users on following the camera movement.
<p>7. What should I do if the indicator light is not on and I can't turn the gimbal on due to upgrade failure?</p>	<p>When upgrade failure happens, please force your gimbal enter firmware upgrade mode (also called boot mode, hold zoom- button then press fn button) and upgrade firmware again.</p>
<p>8. How to operate the Inception Mode?</p>	<ol style="list-style-type: none"> 1. Press Zoom- to switch to FPV Mode 2. Move the joystick left and right to proceed the operation for Inception Mode.

认识Mini MX 2



⚠ 注意：首次使用需连接手机并通过MOZA Genie App完成激活，未激活稳定器将无法正常使用。

APP下载

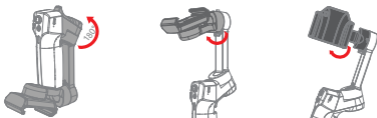
您可以直接扫描二维码下载“MOZA Genie”，也可以直接在手机应用中搜索“MOZA Genie”进行下载。(扫描下方二维码下载APP)



1. 配合使用专为Mini MX 2定制的APP“MOZA Genie”，能够让您将此款稳定器的各项功能得到更好的运用。
2. 请以最新版本APP为准；如有更新，恕不另行通知。

安装和解锁

折叠状态下如图示解锁稳定器。

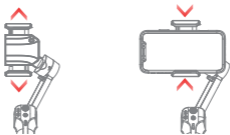


使用电动手机夹

开机安装手机

长按电源键，稳定器开机后，手机夹会自动张开

将手机居中放置在手机夹上，手机夹感应到手机后，会自动闭合，夹紧手机



关机取下手机

按住扳机键后，长按电源键，稳定器会自动张开手机夹
取走手机后，手机夹感应不到手机，稳定器会闭合手机夹
然后关机



自主操作手机夹

按住扳机键和+键：张开手机夹，松开按键后停止

按住扳机键和-键：关闭手机夹，松开按键后停止

产品充电

1. Mini MX 2使用内置锂电池，首次使用前，请先给Mini MX 2充满电以激活电池，保证产品顺利使用。
2. 电源指示灯开始闪烁时，表示电量不足20%，请及时充电。
3. Mini MX 2使用通用Type-C接口，手机充电器、移动电源等都可以给Mini MX 2充电。
4. 电池在充满时将自动停止充电，蓝色指示灯熄灭，断开充电器。

电量指示灯

- 蓝色指示灯三格常亮，电量70%~100%；
- 蓝色指示灯两格常亮，电量40%~70%，
- 蓝色指示灯一格常亮，电量20%~40%
- 蓝色指示灯一格闪烁，电量0%~20%
- 蓝色指示灯从上至下闪烁，稳定器处于升级模式
- 蓝色指示灯从下至上依次点亮，充电中

注意：关机状态下充满电后指示灯熄灭，开机状态下充满电后指示灯常亮。



产品连接

参考安装手机调平稳定器后，长按功能键3s启动稳定器，开启手机蓝牙，打开MOZA Genie App。点击MOZA Genie App主界面中蓝牙图标，搜索可连接设备。选择连接前缀名为Mini MX 2的设备。连接成功后，自动进入拍摄界面。

产品激活

进入APP主界面选择所需连接的稳定器，激活提示框弹出，点击激活。激活完成后，稳定器即可正常工作。如激活失败请尝试重新激活，如再次失败请按照提示操作联系客服。

按键功能 (MOZA Genie App控制)

功能键

长按3s: 开机/关机

开机进入待机 (未夹手机/未解锁)

单击: 拍照; 录制/停止

唤醒 (云台待机状态)

双击: 切换拍照/录像模式模板拍摄。

三击: 横竖拍切换



摇杆

向上拨动: 镜头向上移动

向下拨动: 镜头向下移动

向左拨动: 镜头向左移动

向右移动: 镜头向右移动

盗梦空间: 向左拨动, 横滚逆时针旋转

向右拨动, 横滚顺时针旋转



Zoom +

按住: 画面放大

单击: 航向俯仰跟随

双击: 自动放大至最大



Zoom -

按住: 画面缩小

单击: FPV

双击: 自动缩小至最小

盗梦空间

在FPV模式下左右拨动摇杆控制旋转方向



扳机键

单击按住：全锁定

双击按住：极速模式

单击：人脸识别并锁定在画面中心

双击：归中

三击：切换前后摄像头



▲ 注意：Mini MX 2可控制手机原相机拍照，录制/停止。配合原生相机时，部分按键功能无法使用，建议配合MOZA Genie App一起使用。App连接时，当前模式会被显示在App上。

固件升级

先关闭稳定器电源，按住ZOOM -键，同时单击功能键，直到指示灯从上至下闪烁，此时稳定器进入固件升级模式，再连接APP，点击固件升级。

蓝牙重置

当您在使用过程中出现搜索不到蓝牙时，可进行以下操作稳定器开机状态下，同时按住Zoom+键和电源键，直到电源指示灯闪烁，蓝牙重置成功。

产品参数

云台规格	
载重	280g(最大)
重量	423g
尺寸(mm)	展开尺寸：120*120*265(W*D*H)
	折叠尺寸：145*60*180
支持手机	尺寸：60 ~ 88 mm
	重量：143~280g
电池续航时间	24h(调平状态下测试参考续航)
电池规格	标准电压：7.4 V
	电池容量：2000 mAh
充电时间	2.5 (h)
机械角	航向：340°
	横滚：300°
	俯仰：140°

常见问题FAQ

1. 为什么我的稳定器用一会就自动休眠?	1.请确认稳定器上是否已经安装手机,若已经安装,请检查手机调平状态,严重不调平的情况会导致电机过载休眠。 2.请观察稳定器指示灯是否快闪,快闪表示电量低,此时稳定器无法持续运行
2.稳定器是否支持快充?	1.不支持快充,充电规格为5V/2A
3. 我的App内出现了移动和画面不同步,有延迟的问题怎么办?	1.请检查App设置里是否开启了防抖,如果开启了,请关闭防抖设置 2.如果关闭防抖后问题仍存在,请卸载App进行重新下载。若问题未能解决,请联系魔爪售后。
4. 我的App打开蓝牙搜索之后没有连接成功,显示×怎么办?	请在MOZA Genie 中关闭蓝牙搜索框,然后重新打开,再次尝试连接,确认是否连接成功
5. 物体跟踪效果失效我该怎么办?	请尝试在单一背景环境下,选取一个合适大小的目标进行选框,选框大小不能框选太多杂物目标。 2.如果不行,那么请确认尝试更新APP以及稳定器固件。
6. Magic模式是什么?	1.魔爪App内的Magic模式提供了一些炫酷短片的拍摄模板,您可以通过参考模板轻松拍摄类似的短片。 2.该模式从“运镜、转场、音效”三个方面进行模板化,实现“一键成片”。 3.只需要手持一键开启拍摄,云台会根据场景需求自动运转,部分需要使用者运镜拍摄的片段会给出提示。
7. 升级模式出现异常导致稳定器无法开机,指示灯也不亮怎么办?	此原因是升级失败导致的,解决方法是重新进行固件升级模式,进行升级即可。
8. 如何进行盗梦空间操作	1.按动Zoom-将模式切换为FPV模式 2.左右拨动摇杆,即可实现盗梦空间操作。

产品保修卡

产品型号		购买日期	
用户姓名		用户电话	
产品条码			
通讯地址			

经销商信息 (签章)

产品保修条例

保修期

自购机日起，云台主体保修12个月；云台电机、智能电池保修6个月。设备外壳、说明书、USB线材、包装等不在“一年免费保修服务”范围内，您可以选择有偿服务。

七日内免费退货

自购机日起7日内，根据国家最新三包规定，您可以选择退货（按票面金额一次性退清货款）、换货（更换同型号同规格的产品）或修理。

八至十五日免费换货或修理

自购机日起第8日至第15日内，主机出现性能故障，并经特约维修中心检测，确认非人为损坏的本身质量问题，您可以选择换货(更换同型号、同规格产品)或修理；但是更换的范围，只限于产品主机，其他配件无质量问题，不能更换；购买者在以下条件下不享受免费保修服务，您可以选择有偿服务。

1. 超过三包有效期的；
2. 无三包凭证及有效发货票的，但能够证明该产品在三包有效期内的除外；
3. 包修凭证上的型号与修理产品型号不符或者涂改的；
4. 非本公司特约维修人员拆动造成损坏的；
5. 因不可抗力造成损坏的；
6. 未按产品使用说明书要求使用、维护、保养而造成损坏的。



GUDSEN

INVENTED FOR VIDEO

Shenzhen Gudsen Technology Co., Ltd
Web: www.gudsen.com