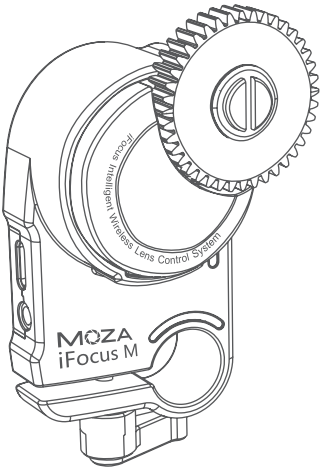




Get more functions with the iFocus Handunit.
搭配遥控器，玩出新花样

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



MOZA iFocus M

User Manual
用户手册

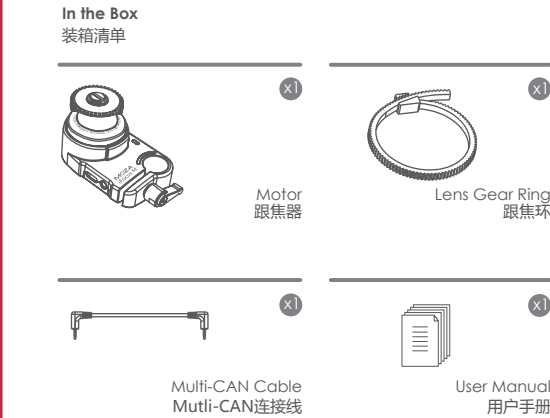
产品保修卡

产品型号	MOZA iFocus M
购买日期	
姓 名	
电 话	
地 址	

经销商信息（盖章）

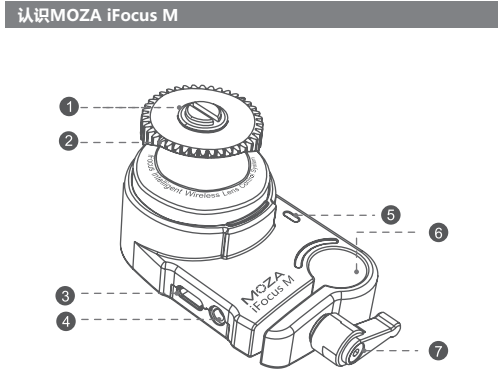
产品保修条例

保修期
自购机日起，跟焦器主体保修12个月；电机、保修3个月。设备外壳、说明书、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卸造成损坏的
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

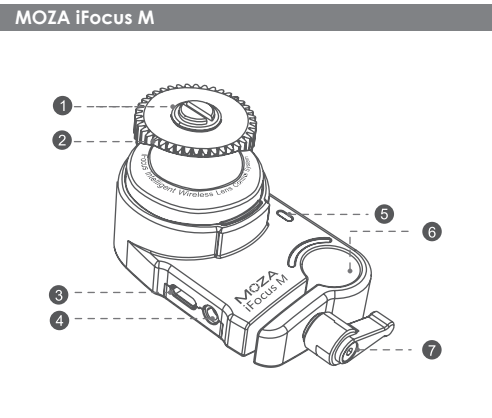


Note:
This manual only guides the connecting and using methods and precautions used by the follow focus motor part in conjunction with Moza Air 2, and does not fully describe all the functions of the follow focus. For more functions, please use it with the remote control.

注意事项：
本说明书仅指导跟焦器电机部分与MOZA Air 2搭配使用的连接使用方法及注意事项，并未完整说明跟焦器的所有功能，如需实现更多功能，请搭配遥控器使用



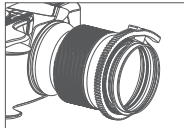
- 1 齿轮固定螺丝：用于固定齿轮
- 2 齿轮：通过与跟焦环啮合，调节镜头对焦、光圈或变焦
- 3 Type-C：连接电脑固件升级
- 4 Multi CAN接口：供电与通信接口，连接含有Multi CAN接口的MOZA 稳定器
- 5 状态指示灯：指示跟焦器电量、工作状态等信息
- 6 跟焦器管夹：将跟焦器固定到15mm的跟焦管上
- 7 跟焦器万向旋钮：旋紧旋钮将跟焦管与跟焦器连接固定



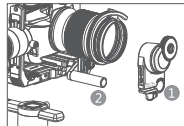
- 1 Gear Screw: Secures the gear to the motor.
- 2 Gear: Adjusts the focus, aperture or zoom by engaging the focus ring
- 3 Type-C: Used to connect the computer for firmware upgrade.
- 4 Multi-CAN Port: For power supply and communication. Used to connect MOZA gimbal containing Multi-CAN port.
- 5 Status Indicator: Displays the system status and battery level.
- 6 Rod Clamp: Clamps the motor to the 15mm focus rod.
- 7 Knob Screw: Fixes the motor to the focus rod by tightening the knob.

安装（Air2为例）
1.安装跟焦环
a.用跟焦环围住镜头对焦环，拉紧跟焦环
b.将跟焦环两端的固定结构锁紧

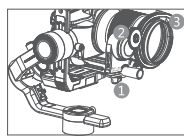
注意：务必使跟焦环与镜头对焦环卡紧，且转动跟焦环的时候镜头对焦环能同步转动跟焦环也可安装至光圈环与变焦环，请根据需要选择安装的位置



2.安装跟焦器
a. 将跟焦器管夹1套入跟焦管2，上下调节跟焦器到合适的位置

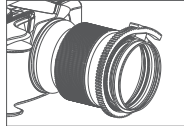


b. 拧紧跟焦器上的万向旋钮1，使跟焦器齿轮2与跟焦环3咬合

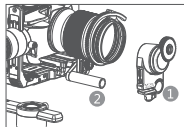


Getting Started(e.g.Air 2)
1. Mount the Lens Gear Ring
a. Fits the lens gear ring with your camera lens.
b. Tighten the clip.

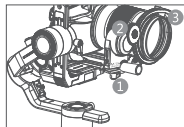
Note: Ensure the clip is tight and that the lens gear ring makes good contact with the lens. You may also use a standard 0.8 Mod lens gear ring of your own.



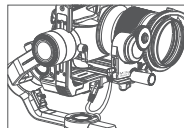
2. Mount the Motor
a. Loosen the knob(1) on the quick-release mount and slide the motor onto the support rod(2). Tighten the knob to secure the motor's position on the support rod.



b. Tighten the knob screw(1) to secure its position. Ensure the motor gear(2) and lens gear ring(3) make good contact.



3.连接MOZA稳定器（Air2为例）
使用Multi CAN线连接含有Multi CAN接口的稳定器(如 MOZA Air2)和跟焦器



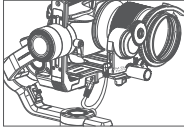
跟焦器功能		
1. LED灯状态		
LED灯定义如下：		
状态	灯光	含义
升级模式	蓝灯长亮	固件升级模式
开机	蓝灯闪烁	已连接含有Multi CAN接口稳定器，通电状态，跟焦器可使用
关机	指示灯不亮	未连接含有Multi CAN接口稳定器，断电状态，跟焦器不可使用

2.开机与供电
当iFocus M使用时，将Multi CAN线连接含有Multi CAN接口的稳定器(如 Air2) 和跟焦器。使跟焦器通电，即可使用

3.关机
断开Multi-CAN连接线，跟焦器未通电，跟焦器停止工作，不可使用

4.行程校准
使用跟焦器前请通过行程校准来标记镜头对焦环的总行程，以避免跟焦器转动超过镜头对焦环的行程
跟焦器将记录上一次的校准数据，关机后如果没有使齿轮与对焦环的相对位置发生变化（手动转动对焦环或者重新安装跟焦器），就不需要再次进行校准
行程校准的操作如下：
a. 进入Air2菜单，选择Advanced>iFocus>Turn off 关闭跟焦器电机
b. 手动转动镜头到起始位置，然后选择Advanced>iFocus>Start point确认行程起始位置
c. 手动转动镜头到终点位置，然后选择Advanced>iFocus>End point确认行程终点位置，这时跟焦器电机会自动启动

3. Connect MOZA gimbal (e.g.Air 2)
Connect iFocus to MOZA gimbals (e.g. Air 2) with Multi-CAN port via Multi-CAN cable.



Functions of MOZA iFocus

1. System Status Indicator		
The description of LED		
Status	LED	Description
Upgrading mode	Solid blue	Firmware upgrade mode
On	Blinking blue	Connected, power on, ready for use
Off	Off	Disconnected, power off, unusable

2. Power on and Power Supply
Connect iFocus M to the MOZA gimbal with Multi-CAN port (e.g. Air 2) via a Multi-CAN cable then it's powered on and ready for use.

3. Power off
Disconnect the iFocus M from the gimbal, then the iFocus motor is powered off and unusable.

4. Route Calibration
Mark the total distance of the lens focus ring by route calibration before using the iFocus to avoid rotating the motor over the route of lens focus ring. The motor remembers your last calibration and does not need to be re-calibrated every time it is turned on unless you change the motor position or remount it after the motor has been shut off.

The operations of route calibration are as follows:
a. Enter the Air 2 menu, and select Advanced>iFocus>Turn off to turn off the iFocus motor.
b. Manually rotate the lens to the start point, then select Advanced>iFocus>Start point to confirm the start point.

c. Manually rotate the lens to the end point, then select Advanced>iFocus>Turn on to turn on the iFocus motor. The iFocus motor will start automatically.

Note:The iFocus motor can be turned on by selecting Advanced>iFocus>Turn on during calibration. Note that if the start and end points are not calibrated, the calibration is invalid.

5. Control iFocus movement by Air 2
a. Enter the Air 2 menu, Gimbal Set>Operations>Wheel>Function>Focus-1 or Focus-2 to select the wheel to control the follow focus. You could also press the Mode button on the Air 2 until the wheel mode on the screen turns to Focus-1 or Focus-2 mode.
b. Rotate the wheel to control the motion of iFocus

6. iFocus Control Sensibility Settings
Enter the Air 2 menu, and select Gimbal Set>Operations>Wheel>Sensi to adjust the control sensibility.

Note: Turn down the sensibility level if the iFocus rotates too fast, and turn the level up if the iFocus rotates too slowly.

Firmware Upgrade

iFocus M can be upgraded alone. Please download the iFocus M upgrade software on the official website for firmware upgrade.
a. Connect iFocus M to the computer via the Type-C cable.
b. The indicator keeps on after connection. Start the firmware upgrade via the software.
c. iFocus M can work normally after the firmware upgrade succeeds.

Specifications

Weight	88g
Dimensions	90.9*52.2*35.9mm
Operating Voltage	7.2V
Connection Port	Multi CAN
Date Port	Type-C
Wireless	2.44GHz

注意：校准过程中选择Advanced>iFocus>Turn on即可开启跟焦器电机。如果没有将起点与终点都校准好就启动，则本次校准无效

5. Air2控制跟焦器运动
a. 进入Air2菜单，Gimbal Set>Operations>Wheel>Function>Focus-1 或者Focus-2选择滚轮控制跟焦器。也可以按Air2的M键，直到Air 2屏幕上的手轮模式变为F1或者F2
b. 转动滚轮即可控制跟焦器运动

6. 跟焦器控制灵敏度设置
进入Air2菜单，Gimbal Set>Operations>Wheel>Sensi调节控制的灵敏度

注意：您在使用时，如果觉得跟焦器转动太快，可以降低跟焦器控制灵敏度；如果觉得跟焦器转动太慢，可以升高跟焦器控制灵敏度

固件升级

iFocus M跟焦器能够独立进行固件升级，请在官网下载iFocus M跟焦器固件升级软件进行固件升级
a. 将跟焦器与电脑通过Type-C线连接
b. 连接后跟焦器状态指示灯长亮，通过电脑下载的固件升级软件进行固件升级操作
c. 升级成功后，跟焦器即可正常工作

规格参数

重量	88g
尺寸	90.9*52.2*35.9mm
工作电压	7.2V
连接接口	Multi CAN
数据接口	Type-C
无线	2.4G

合格证

检验员：_____