



DISCLAIMER AND SAFETY GUIDELINES

免责声明及安全使用须知

MOZA AIR2

DISCLAIMER and WARNING

Thank you for purchasing MOZA Air 2.

- The content mentioned in this file is very important to the safety usage of the product and to your lawful rights and interests. Please read this file carefully before using the product.
- By using this product, you hereby signify that you have read this disclaimer and warning carefully and that you understand and agree to abide by the terms and conditions herein. You agree that you are solely responsible for your own conduct while using this product, and for any consequences thereof. You agree to use this product only for purposes that are proper and in accordance with all applicable laws, rules, and regulations, and all terms, precautions, practices, policies and guidelines Gudsen Technology Co., Ltd. (abbreviated as "Gudsen MOZA") has made and may make available. Gudsen MOZA accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. The user shall observe safe and lawful practices including, but not limited to, those set forth in this document.
- MOZA Air 2 is a complicated photographic device. User should have professional knowledge and safety common sense, and should use the device carefully. Please first read the MOZA Air 2 user manual and get familiar with the functions of the product before using it.
- This product is not a toy and not fit for underage user. Please keep this product away from children.
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SAFETY GUIDELINES

1. Li-ion Battery Safety Usage Instructions

Battery usage

Air 2 employs four high-rate 18650 batteries, please do not use any unofficial battery which may result in product damage and property loss. If backup batteries are needed, please choose the batteries from the official providers. Please fully charge the new batteries before using so as to keep the batteries at same power level.

If you have several batteries, please group them properly, 4 batteries per group, charge and use them simultaneously to keep the batteries at the same power level. Using batteries of different power level may reduce battery running time and battery life.

Fully charged batteries are not advised to put into use immediately. User should wait 10 to 30 minutes when battery performance becomes stable before using the batteries. Battery should not be discharged excessively which may cause irrevocable capacity loss. Please charge the batteries as soon as possible when low battery level warning crops up.

Battery charging

Air 2 is equipped with a charger that can charge 4 18650 batteries. The charger requires the user to prepare a power adapter with an output of not less than 5V 2A.

When charging the batteries, please place the positive pole close to the instruction light while inserting the batteries into the slot. The light will turn red during the charging and turn green when the charging is finished.

Note:

1. Please make sure to place the poles correctly for fear of short circuit.
2. Air 2 gimbal itself does not have any charging function. When connected to external power, this will only supply power to the Air 2 gimbal and cannot charge the batteries installed on Air 2.

Battery storage

- a.If the Li-ion battery is to be out of use for a long period of time, please make sure the battery has 50% to 80% of power and store the battery in dry and cool environment. You may need to charge the battery every 3 months in case battery power falls to excessive low level because of long storage and battery self-discharge which may cause irrevocable capacity loss.
- b.Please do not mix the battery with metals, in case that metals come in touch with the positive pole of the battery which may result in short circuit and cause battery damage, even pose a danger to people.
- c.Do not poke, puncture, trample, modify and sunburn the battery; do not place the battery in microwave, high pressure environment.
- d.Temperature and humidity affect the self-discharge rate of the Li-ion battery. High temperature and humidity will accelerate the self-discharge rate. It is recommended to store the batteries in dry environment with temperature range of 0 °C to 20 °C.

2.Roll Motor Lock Usage Instructions

The roll motor of Air 2 has a mechanical lock which can fix the roll arms at horizontal or vertical positions. If the roll arm could not be unfolded after receiving the product, please check the motor lock whether the lock is on. Turn off the motor lock, and the roll arm could rotate freely. Forcibly rotating the arm under the motor lockdown could result in motor lock malfunction.

Advantages of the roll motor lock:

- Store the camera for the convenience of carrying
- Install camera and adjust tilt balance while the motor arm is fixed for convenient operation
- Fix the camera while moving places to prevent damage
- Keep the pose still

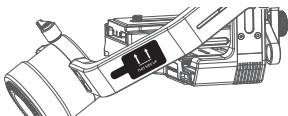
⚠ Note:

Air 2 is strictly prohibited to use while the motor lock is on, otherwise the motor could overheat and enter protection status.

3.Usage Abnormality Instructions

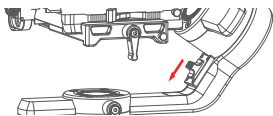
Incorrect initiation direction

Air 2 roll arm could rotate 360°, therefore the roll arm may be incorrectly rotated to the opposite direction before initiation. In this situation, Air 2 is unable to return to the horizontal position because of the tilt motor which will cause the gimbal to rotate randomly. Please check the "THIS SIDE UP" label attached to the roll arm to make sure the initiation direction is correct.



Starting the device while the motor lock is on

If the device is started while the motor lock is still on, then the roll motor could not rotate freely and will overheat. If the obstruction to the motor lasts more than 5 seconds, auto-protection mode will kick in and the motor will halt operation. Please check whether the mechanical lock is on and whether the roll axis could rotate freely before starting the device.



Batteries in protection mode

If maloperation of Air 2 results in short circuit, or Air 2 is connected to such an excessive power-consuming device that the batteries are unable to supply power, then the batteries will enter into auto-protection mode. In both situations, Air 2 will shut down. When the batteries are in protection mode, the gimbal is unable to start up. Please take out the batteries to lift the protection mode, then reload the batteries, and the gimbal should be able to start up normally.

Transportation safety

There are sensitive components like accelerator and gyro sensor in the Air 2. These sensors may get displaced under violent tremble. If user installs the camera in accordance with the manual, yet still could not align the camera when the camera is started, then please calibrate the gyro and the accelerator to make sure they function properly.

免责声明与警告

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- MOZA Air 2是复杂的摄影器材，使用者需具备一定的专业知识以及安全常识，并且需要小心使用。请先阅读MOZA Air 2用户手册，熟悉产品功能之后再使用。
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安全使用须知

1. 锂电池使用安全须知

电池使用

Air 2使用4节专用高倍率18650锂离子电池供电，请勿使用非官方提供的电池，以免导致云台无法正常工作，造成不必要的损失。需要备用电池时，请购买官方提供的正规电池产品。使用新电池前，需要将新电池完全充满，以保持每节电池的一致性。

如果您有多个电池时，请将电池分好组，每4节电池一组，同时充电，同时使用，保持每节电池的电量一致。如果将电量不一致的电池混用，会导致Air 2的续航降低，且会降低电池的使用寿命。

电池在充满电后，最好不要立即使用，应该搁置10-30分钟，等待电池性能稳定后再使用。电池不能过度放电，过度放电会造成不可逆的容量损失，当机器提醒电量低的时候请尽快充电。

电池充电

Air 2所配的充电器能同时为4节18650电池充电。该充电器需要用户自行匹配输出不小于5V 2A的电源适配器。

充电时，将电池正极朝着指示灯的方向插入电池槽内，充电过程中，指示灯显示为红色，充电完成后，指示灯变为绿色。



注意：1.充电时请勿将电池装反，否则会导致电池和充电器故障。

2.Air 2机身不具有充电功能，使用外接电源供电时，仅能为AIR2供电，不能给安装在机身内的电池充电。

电池存放

- 锂电池长期不用应充入50%~80%的电量，存放在干燥阴凉的环境中，并每隔3个月充一次电池，以免存放时间过长，电池因自放电导致电量过低，造成不可逆的容量损失。
- 不要将电池与金属物体混放，以免金属物体触碰到电池正负极，造成短路，损害电池甚至造成危险。
- 不要敲击、针刺、踩踏、改装、日晒电池，不要将电池放置在微波、高压等环境下。
- 锂电池的自放电受环境温度及湿度的影响，高温及高湿会加速电池的自放电，建议将电池存放在0℃~20℃的干燥环境下。

2. 机械锁装置使用须知

Air 2的横滚电机带有机械式锁定装置，能够将横滚臂固定在水平位置或者垂直位置。您收到产品后，如果发现横滚臂无法展开，请检查电机锁是否处于锁定位置。将电机锁解锁后，横滚臂即可自由转动。如果在锁定状态下，暴力转动横滚臂，可能会导致电机锁故障。

机械锁适用于以下情况：

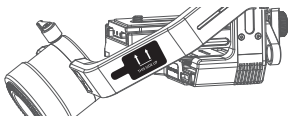
- 收纳机身，便于携带
- 安装相机及调节俯仰平衡时固定横滚臂，方便操作
- 转场时固定机身，防止磕碰
- 静态放置、展示时保持姿态

⚠ 注意：严禁在电机锁锁定状态下，开机使用Air 2，否则会导致电机发热、进入保护状态等情况。

3. 异常使用须知

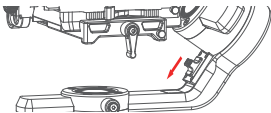
启动方向错误

Air 2的横滚臂能够360°旋转，所以在安装时，可能将横滚臂错误转动到反的方向后启动。在该状态下，由于俯仰电机限位的影响，Air2无法回到水平位置，从而导致云台乱转。在安装Air 2时，请注意查看横滚臂上的“此面向上”标签，以确保启动方向的正确性。



未解除电机锁时开机

如果在未解除电机锁的状态下开机，横滚电机不能自由转动，会导致电机发热增大，电机受阻时间超过5秒，则会自动进入保护状态，电机停止工作。请在开机使用前，检查机械锁是否打开，横滚臂能否自由转动。



电池进入保护状态

如果误操作导致Air 2短路或者接入功耗过大的设备，使整体功率超过了电池能提供的最大负载能力，那么电池会自动进入保护状态，关闭电源输出，Air 2因断电而关机。在电池保护状态下，云台是无法开机的，请先取出电池，以解除电池的保护状态，再重新安装好电池即可正常开机。

运输安全

Air 2内含比较敏感的加速度计和陀螺仪传感器，在机身剧烈震动后，可能会出现传感器漂移的情况。如果您收到产品并按照本说明书指示的方法安装好相机并开机后，发现相机不能保持水平，请进行陀螺仪及加速度计的校准，以保证正常使用。

合格证

检验员：_____



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