

# NOLO 使用说明

## NOLO Instructions

详细使用教程, 请访问官网([www.nolovr.com/getstarted/](http://www.nolovr.com/getstarted/))进行查看。

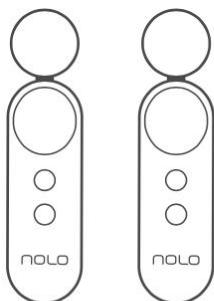
For detailed instructions, please visit the official website ([www.nolovr.com/getstarted/](http://www.nolovr.com/getstarted/))

### 包装内容

#### Package Contents



定位基站x1



交互手柄x2



头盔定位器x1

定位基站 X1

交互手柄 X2

头盔定位器 X1

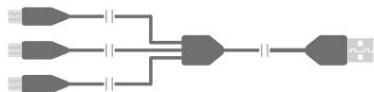
Positioning Base Station \*1

Interactive Controller \*2

Headset Marker \*1



电源适配器x1



一分三充电线x1



1米数据线x1



一字型定位器卡座\*1

电源适配器 X1

一字型定位器卡座 X1

L 型定位器卡座 X1

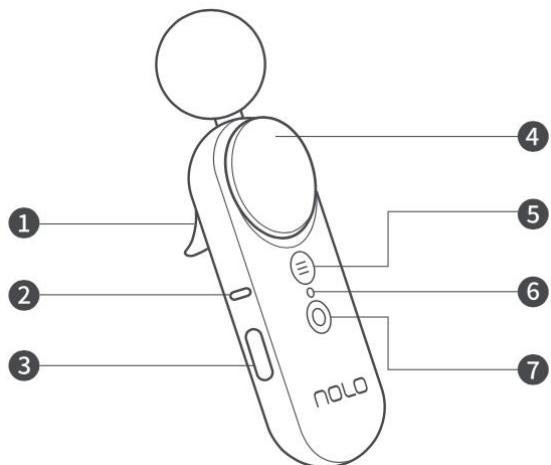
Power Adapter \*1

Slotted Positioner Socket\*1

L-type Positioner Socket\*1

了解设备

**Learn More about the Device**

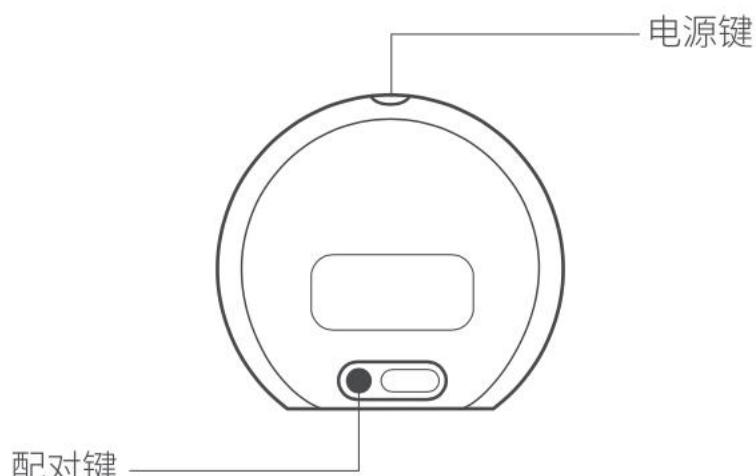


交互手柄

- 1 扳机键
- 2 配对键
- 3 侧按键 (左右侧各一个)
- 4 触控键
- 5 菜单键
- 6 指示灯
- 7 系统/电源键

Interactive Controller

- 1 Trigger Key
- 2 Pairing Key
- 3 Side Keys (Each for the left and right sides)
- 4 Touch Key
- 5 Menu Key
- 6 Indicator Lamp
- 7 System/ Power Key



定位基站

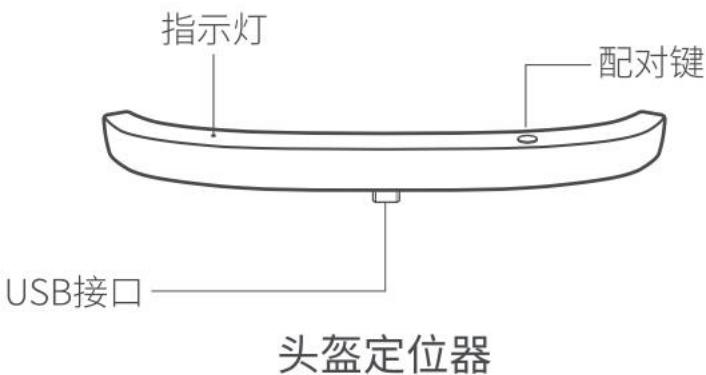
电源键

配对键

Positioning Base Station

Power Key

Pairing Key



头盔定位器

指示灯

配对键

USB 接口

Headset Marker

Indicator Lamp

Pairing Key

USB Interface

## 一、配合 PC 使用说明

### I . Instructions for PC

#### 1. 电脑配置要求

最低配置：

电脑系统：Windows7

显卡：NVIDIA GTX1050&AMD RX560

驱动版本：397.93

显示接口：DP 接口

1.Requirements for PC Configuration

Minimum Configuration:

Computer System: Windows 7

GPU: NVIDIA GTX1050&AMD RX560

Driver Version: 397.93

Display Interface: DP Interface

#### 2. 电脑软件准备

#### 2. Software Preparation of PC

使用电脑下载并安装 NOLO HOME Windows 版 (<http://download.nolovr.com>)

Download and install the Windows version of NOLO HOME (<http://download.nolovr.com>)

下载并安装 Steam 和 Steam VR。  
Download and install Steam and Steam VR.



NOLO HOME Windows版



Steam & Steam VR

### 3. 连接电脑

使用华为 VR Glass 专用数据线连接电脑与华为 VR Glass。

#### 3. Connect Computer

Please connect the Huawei VR Glass and the computer with the special data cable.

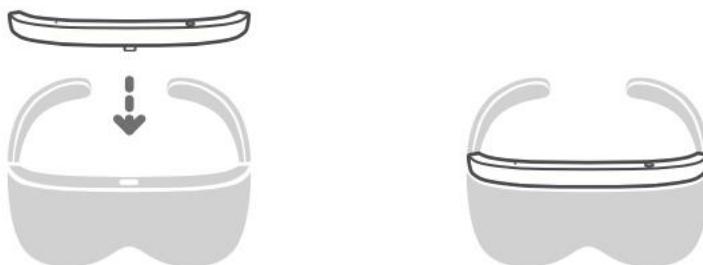


### 4. 连接头盔定位器

把头盔定位器安装在华为 VR Glass 顶部。

#### 4. Connect the Headset Marker

Install the headset marker on the top of the Huawei VR Glass.

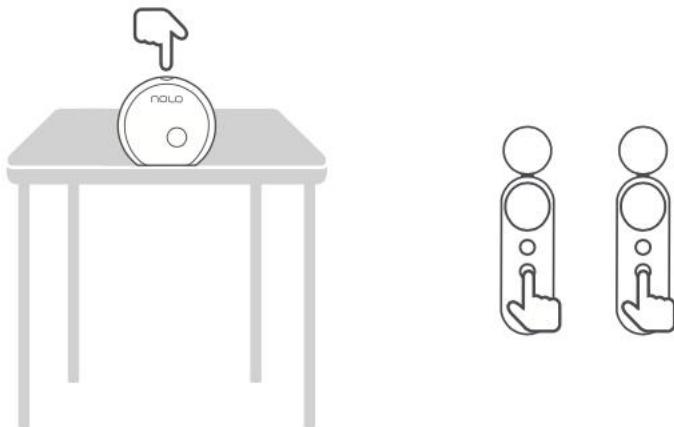


### 5. 开启 NOLO 设备

将基站放置在与肩同高的水平桌面边缘，并保持基站正面朝外正对使用者，然后开启基站和手柄的电源开关。

#### 5. Turn on the NOLO Device

Place the base station on the shoulder-height table edge with the front side facing the user, and then turn on the power switches of the base station and controllers.

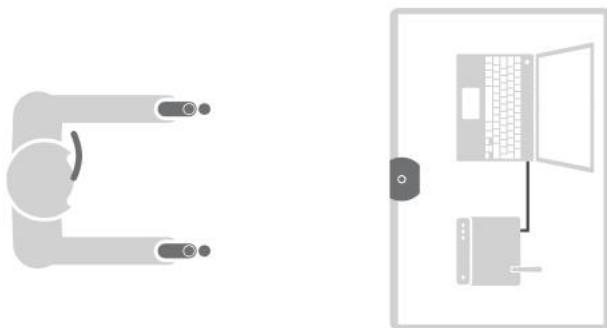


## 6.开始游戏

正确佩戴华为 VR Glass 后，手持 NOLO 手柄，正对基站,开始享受精彩极致的游戏体验吧！

### 6. Start Game

After correctly wearing the Huawei VR Glass, take the NOLO controllers, face the base station and start to enjoy the ultimate gaming experience.



## 二. NOLO 使用说明

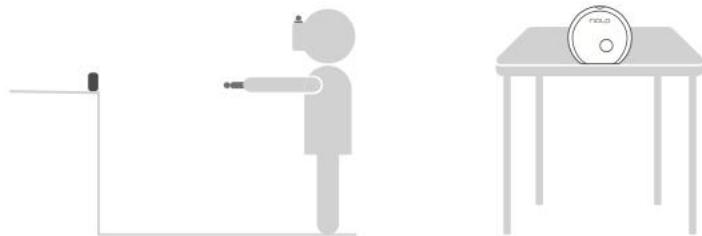
## II. NOLO Instructions

### 定位基站摆放要求

- 1.建议将基站摆放在与肩同高的位置；
- 2.确保基站位于水平桌面的边缘；
- 3.确保基站正面朝向使用者(带有 NOLO 标识的为正面)。

### Placement Requirements for the Positioning Base Station

1. The base station is suggested to place at the shoulder-height position;
2. The base station should be ensured on the edge of the flat table;
3. The base station should be placed with the front side to face the user (The front side refers to the side with the NOLO logo.).

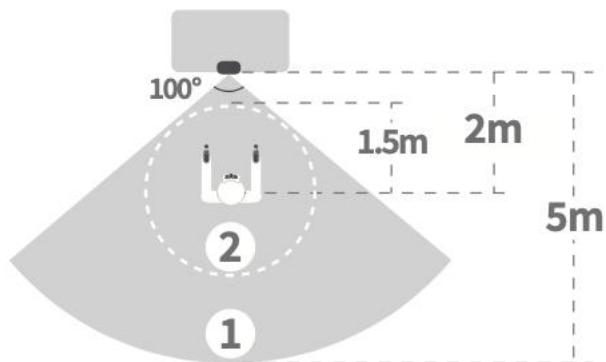


### 使用区域说明

区域 1: 基站有效定位范围 ; 区域 2: 最佳体验范围。

### Introduction of the use areas

**Area 1: Effective Positioning Range; Area 2: Optimum Experience Range**



### 手柄标定正方向方法

#### The Positive Direction Calibration Method

1. 双臂前伸, 双手并拢, 目视前方 ;
2. 保证基站、手柄、头盔定位器在一条直线上 ;
3. 分别双击两个手柄上的电源键完成正方向标定。

1. Keep your arms forward and your hands together with your eyes to the front;
2. Keep the base station, controllers and the headset marker at the same straight line;
3. Click the power key of the two controllers twice respectively to complete the calibration of the positive direction.



正确操作 双臂前伸 双手并拢 目视前方

错误操作

Correct Operations

Wrong Operations    Keep your arms forward    Keep your hands together    With your eyes to the front

### 标定高度方法

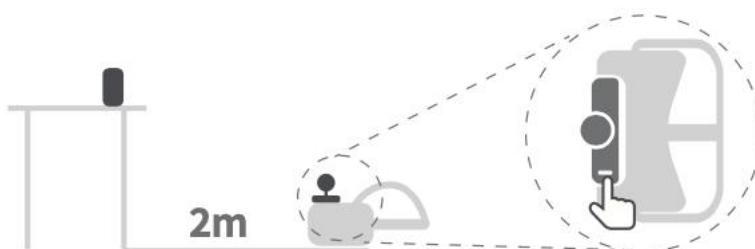
#### Height Calibration Method

1.保持设备正常连接状态,将您的 VR 设备放在距离定位基站正面 2 米以上的水平地面, 并确保二者之间没有遮挡;

2.轻按头盔定位器上的配对按键完成标定高度。

1. Keep the device normally connected, and place your VR device on a horizontal ground more than 2 meters from the front side of the positioning base station, and ensure no barrier between them;

2. Slightly press the Pairing Key on the headset marker to complete the height calibration.



### 定位问题处理

1.同一定位范围内, 无多套 NOLO 交互设备同时使用, 如果必须开启多套 NOLO 设备, 请按照下图摆设 NOLO 的定位基站, 避免多个基站互相干扰。

2.同一环境下, 无其他红外激光设备干扰如 HTC VIVE、主动式红外摄像头等, 无其他超声波发射设备干扰。如有以上设备请关闭干扰设备再使用, 或更换使用环境。

3.尽量避免环境内有镜面等反射平面的存在。如果在类似环境发现设备定位抖动情况, 需更换环境使用。

4.使用过程中切勿背对基站或遮挡手柄、头盔定位器, 以上情况会导致定位丢失, 如遇以上情况请正对基站标定正方向。

5.如遇无线干扰, 导致设备定位卡顿, 需重新配对处理, 请参考配对说明。

#### Positioning Problem Processing

1. Within the same range, please ensure only one set of NOLO interactive devices is running; If several sets of NOLO devices have to be run at the same time, please refer to the following picture to place the positioning base station of NOLO to avoid the mutual interference between the base stations.

2. Within the same environment, please ensure no interference of other infrared laser equipment, such as HTC VIVE, active infrared camera and ultrasonic transmission equipment. If any of the equipment mentioned above is running, please turn off the interference equipment or change the environment.

3. Try to avoid the presence of the reflection plane, like mirror, in the environment. If vibration is found in the positioning device, please change the environment.

4. In the process of use, please do not turn your back to the base station or cover the controllers, the headset marker, otherwise, the positioning loss may occur. If the above situation occurs, please face the front side of the base station to calibrate the positive direction.

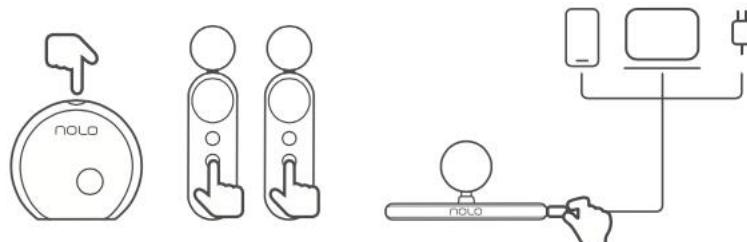
5. If the wireless interference results in the positioning slowing of the device, please re-pair and refer to the pairing instructions.

## 设备配对方法

### Device Pairing Method

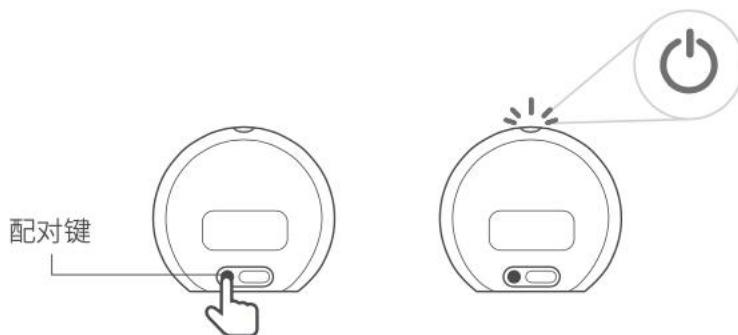
1.开启所有 NOLO 设备(头盔定位器连接到华为 VR Glass)

1. Turn on all NOLO devices (The headset marker connects to HUAWEI VR Glass).



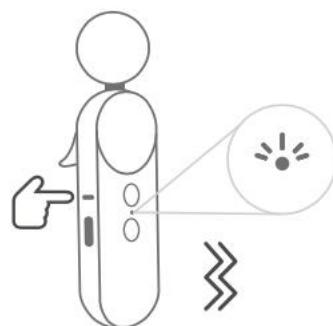
2.长按定位基站配对键(如图所示), 进入配对模式, 定位基站指示灯呈绿色闪烁状态。

2. Long press the Pairing Key of the positioning base station (as shown) to enter the pairing mode with the indicator lamp shining in green.



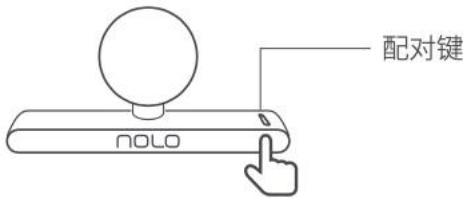
3.分别长按两支交互手柄的配对键(如图所示), 直至手柄震动。每次配对过程中每支交互手柄只需配对一次, 请不要重复配对。

3. Respectively long press the Pairing Key of the two interactive controllers (as shown) till the controller vibrates. During each pairing process, each controller can only be paired once. Please do not re-pair.



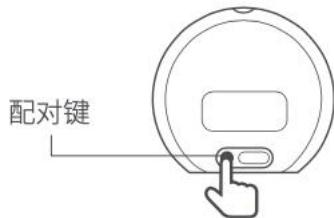
4.长按头盔定位器的配对键, 直至头盔定位器指示灯红色 LED 闪烁一次。

4. Long press the Pairing Key of the headset marker till the red LED of the indicator lamp flashes once.



5. 单击定位基站的配对键结束配对模式, 等待 3-5 秒钟, 若两个交互手柄和头盔定位器的 LED 指示灯变为绿色常亮, 则配对成功。若 LED 指示灯为红灯, 则配对失败, 请重新进行配对。

5. Click the Pairing Key of the positioning base station to end the pairing mode. If the LED indicator lamp of two controllers and the headset marker turn to green after 3 to 5 seconds, then the pairing succeeds; if turn to red, then the pairing fails and please re-pair.



## NOLO 设备状态指示灯

### NOLO Device Status Indicator Lamp

灯状态	系统状态
橘色闪烁	固件升级
橘色	充电中
红绿交替闪烁	硬件错误
绿色闪烁	配对中
绿色	已充满/正常工作
红色闪烁	低电量
红色(交互手柄和头盔定位器)	等待配对结束/未配对
红色(定位基站)	未放稳/工作异常

灯状态 系统状态  
 橘色闪烁 固件升级  
 橘色 充电中  
 红绿交替闪烁 硬件错误  
 绿色闪烁 配对中

绿色	已充满/正常工作
红色闪烁	低电量
红色(交互手柄和头盔定位器)	等待配对结束/未配对
红色(定位基站)	未放稳/工作异常
Lamp Status	System Status
Orange Flashing	Firmware Upgrade
Orange	Charging
Red and Green Flashing Alternately	Hardware Error
Green Flashing	Pairing
Green	Fully Charged/ Normal Operation
Red Flashing	Low Power
Red (The Interactive Controllers and Headset Marker)	Waiting for the End of Pairing/ Unpaired
Red (The Base Station)	Improperly Placed/ Abnormal Operation

### 三、安全信息

### III. Safety Information

在使用和操作设备前,为确保设备性能最佳, 并避免出现危险或非法情况, 请查阅并遵循所有安全信息。

Before the use and operation of the device, please read and follow all safety information to ensure the best performance and to avoid dangerous or illegal situations.

1. 请确保在安全环境中使用。本产品为您制造了沉浸式的虚拟现实场景, 使用时您无法看到四周的情况。请在安全区域范围内移动, 并时刻留意您的周围。请勿靠近楼梯、窗户、热源或其他危险域。

1. Please ensure the safety of the operating environment. This product will create you an immersive virtual reality scene in which you cannot see surroundings, therefore, please move in a safe area and keep away from dangerous areas, such as stairs, windows and heat sources.

2. 请您在使用手柄时, 确保您的头顶及周边是否有足够的间隙伸展双臂。请牢牢握住手柄, 若在使用过程中松开、碰撞他人或物体, 可能会对周围的人员、宠物或物体造成伤害或损害。

2. Please ensure enough space to stretch your arms when using the controllers. Please firmly hold the controllers to avoid collision, injuries or damages to surrounding people, pets or objects.

3. 请勿自行拆卸、更换、维修设备, 否则会失去保修资格。如您需要维修服务, 请与客服联系或到 NOLO 授权的服务商处进行维修。

3. Please do not disassemble, replace or repair the device, otherwise, the warranty will be invalid. If maintenance services are needed, please contact our customer service staff or visit the authorized service provider by NOLO.

4. 请在 0°C-35°C 范围内使用本设备, 并在温度-20°C ~ +45°C 范围内存放设备及其配件。当环境温度过高或过低时, 可能引起设备故障。

4. Please use the device at the temperature of 0°C to 35°C and store it and the accessories at the temperature of -20°C to +45°C. The too high or too low temperature may cause the device fault.

5. 请勿将设备及电池暴露在高温处或发热设备周围, 如日照、取暖器、微波炉、烤箱、或热

水器等。电池过热可能引起爆炸。

5. Please avoid exposing the device to the high-temperature or heating generating equipment, such as sunlight, heater, microwave oven, baking oven and water heater. The overheated battery may explode.

6.当充电完毕或者不充电时, 请断开充电器与设备的连接并从电源插座上拔掉充电器。

6. Please disconnect the device with the charger and unplug the charger from the power socket when the charging is completed or not needed.

7.请按当地规定处理本设备、电池及其他附件, 不可将他们作为生活垃圾处理。若电池处置不当可能导致电池爆炸。

7. Please dispose this device, battery and its accessories according to local regulations, but not as the domestic garbage. The improper disposal may cause the battery's explosion.

8.使用未经认可或不兼容的电源、充电器或电池, 可能引发火灾、爆炸或其他危险。

8. The use of unapproved or incompatible power, charger or battery may cause fire, explosion or other dangers.

9.只能使用设备制造商认可其与此型号设备配套的配件。如果使用其他类型配件, 可能违反本设备保修条款及本设备所处国家的相关规定, 并可能导致安全事故。如需获取认可配件, 请与授权服务中心联系。

9. Only those approved accessories by the device manufacturer for this device can be used. The use of other types of accessories may violate the warranty terms and local regulations, and even cause safety accidents. For those approved accessories, please contact the authorized service provider.

10.设备产生的无线电波可能会影响植入式医疗设备或个人医用设备的正常工作, 如起搏器、植入耳蜗、助听器等。若您使用了这些医用设备, 请向制造商咨询使用本设备的限制条件。

10. The radio waves generated by the device may affect the normal operation of the implantable medical devices or personal medical equipment, such as the pacemaker, implanted cochlea and hearing aid. Please consult the manufacturer of this device about its restrictions if you use any of the medical equipment.

11.在使用本设备时, 请与植入的医疗设备(如起搏器、植入耳 蜗等)保持至少 15 厘米的距离。

11. Please keep 15 cm at least away from the implanted medical equipment (such as the pacemaker and the implanted cochlea) when using this device.

## 四. 产品售后政策

### IV. After-sales Service Policies

由产品售出之日 (以实际签收日第二日零时为准)起, 我司承诺提供以下三包服务:

7 天内(含当天)退货: 凡购买本公司 NOLO 产品, 在设备无损、 配件齐全、 包装完好不影响二次销售的情况下, 可在 7 天内无理由退货, 退回商品的运费由用户承担。不影响二次销售的标准:

Starting from the date of sales (Subject to zero of the second day of the actual signing date), the following warranty services of replacement, repair and maintenance will be provided.

**Return within 7 days without reasons (including the day the product is sold):** All purchased NOLO products of the company can be returned without reasons within 7 days under the situation

of no damages, complete accessories, sound package and no impact on the second sales. The standards of no impact on the second sales involve:

硬件无损坏/划痕(不包括保护膜) ;  
配件齐全(不包括头盔定位器卡扣) ;  
没有私拆或改装。

No crash/ scratch on the hardware (Excluding the protective film);  
Complete accessories (Excluding the headset marker buckles);  
No private disassembly or modification.

**15 天内包换 :** 凡购买本公司 NOL° 产品,如遇产品出现非人为原因导致的性能故障, 可在 15 天内申请免费换新, 申请通过后请将问题产品寄回指定地址, 新产品将在收到问题产品后 为 您寄出 ; 若经检测后, 发现产品硬件没问题, 则不予换新。

**Guarantee for replacement within 15 days:** All purchased NOLO products of the company with performance fault caused by non-artificial reason can apply for a free replacement within 15 days. After the application is approved, please send the defective product to the specified address and the new product will be sent after the defective one is received; If no problem is found on the defective product after testing, it cannot be replaced.

**1 年内免费保修 :** 凡购买本公司 NOLO 产品, 由于非人为原因导致产品出现的性能故障, 可在 1 年内免费维修, 邮寄费用各自承担 ; 若经两次维修后仍不能正常使用, 用户可凭保修卡的有效维修记录,联系客服确认是否可以换货, 如可换货, 将为用户更换同型号同规格的产品。

Free repair within 1 year: All purchased NOLO products of the company with performance fault caused by non-artificial reason can be repaired for free within 1 year and the postage will be paid by each other respectively; If the product still does not work after repaired twice, the user can contact the customer service staff to confirm whether it can be replaced according to the valid repair records of the warranty card. If the customer service staff confirms that it can be replaced, a new product of the same model and same specification will be provided to the customer.

**终身包维护 :** 凡购买本公司 NOLO 产品, 在 1 年免费保修期过后仍可享受产品终身维护服务, 用户仅需承担快递费用和维修费用。

Life-long Maintenance: All purchased NOLO products of the company can still enjoy the life-long maintenance service with only the charge of postage and repair cost after the free warranty period of 1 year.

在三包有效期内,用户必须出具相关购买凭证和包装侧面条形码才能享受包换和保修的权利; 若用户无法出具相关购买凭证和包装侧面条形码, 则依照发货日期后的第 7 日为保修期的起始日期计算保修。

Within the validity period of the warranty services of replacement, repair and maintenance, only the user offers the relevant purchase proof and the bar code on the side face of the package can enjoy the rights of free replacement and repair; If the user fails to offer the relevant purchase proof and the bar code, then the starting date of the warranty period will be the 7<sup>th</sup> day after the delivery. 保修服务仅适用于正常使用的情况, 一切人为损坏及以下条款均不在免费保修范围内。但我司可提供维修服务, 并收取适当费用。

The warranty services are only applicable to normal use, all artificial damages and the following terms excluded. But, the maintenance services will still be provided with appropriate fees.

## 非保修范围：

### Non-warranty Coverage

- 不正确或不正当的操作使用所造成的产品故障或损坏;
- 使用非原装或授权的三方配件未依说明书使用、维护、保 养，因运输及其它意外而造成的产品损坏；
- 用户自行拆机，或由非官方授权人员维修和改装；
- 由于使用者或第三者的疏忽、过失、滥用、误用或灾祸等原因造成产品损坏的,如摔坏、外表刮痕、划伤、进水、输入不当电压、机械破坏、高温、产品烧毁或与不适当的设备、装置、软件、服务或其他未授权第三方物件一起使用等；
- 用户发回返修途中由于运输、装卸等造成的损坏(若是我司寄回途中导致的损坏，则由我司负责)；
- 产品因不可抗拒的自然因素造成的损坏,如地展、火灾、雷 击等；
- 非 NOLO 官方生产的假冒伪劣品；
- 使用本产品时，由于违反当地法律导致产品出现故障；
- 进行沟通和查找原因时，故意隐瞒事实真相者；
- 无法提供相关购买凭证或包装侧面条形码被涂改、撕毁或遗失；
- 超过三包有效期；
- 其他三方配件及赠品均不包括在保养服务内。
- The product failures or damages caused by incorrect or improper operations;
- The product damages caused by using non-original or failing to use, maintain, upkeep according to the instructions or transportation and other accidents;
- Self-disassembly or maintenance and modification of the unofficially authorized personnel;
- Product damages, such as crash, scratch, flood, improper voltage input, mechanical destruction, high temperature, burning, or improper use of the device, equipment, software, services or other unauthorized third-party objects, caused by the negligence, fault, misuse or disaster;
- Damages caused by the transportation and loading and unloading, etc. during the process for repair initiated by the customer (The company will take the responsibility if the damages occur in the delivery process sent by us);
- Damages caused by force majeure factors, such as earthquake, fire and lightning stroke;
- Counterfeit and shoddy products not produced by NOLO;
- Faults caused by violating the local laws when using the product;
- Those who deliberately concealed the truth when communicating and searching for the causes;
- Those who fail to provide the relevant purchase proof or the bar code on the side face is altered, destroyed or lost;
- Those exceed the period of warranty;
- Other third-party accessories and gifts are not involved in the maintenance services.

## 补充条例：

### Supplementary Regulations:

- 单独购买的配件根据相应配件质保政策享受质保服务；
- The warranty of those accessories purchased separately will be in accordance with the corresponding policies;
- 定制类产品根据国家相关规定，不支持 7 天无理由退换货。

- No reason to return and exchange within 7 days will not be supported for those customized products according to the relevant national laws and regulations;

• 以上售后维修保修政策，本公司在法律允许的范围内保留最终解释权。

- The company reserves the final right to interpret the above after-sales service policies to the extent permitted by law.

若有变更，以本公司新制定的有关规定或国家更新的相关法律法规为准。

If there are any changes, the new relevant regulations of the company or the updated relevant laws and regulations by the state will prevail.

## 五、有害物质声明

### V. RoHS Declaration

	有毒有害物质或元素				
	Pb	Cd	Hg	Cr	Br
外壳	○	○	○	○	○
电路板	×	○	○	○	○
充电器	×	○	○	○	○
附件	×	○	○	○	○
包装	○	○	○	○	○

有毒有害物质或元素

外壳

电路板

充电器

附件

包装

Hazardous and noxious substance or element

Shell

Circuit Board

Charger

Accessories

Package

本表格依据 IEC62321 的规定编制。

This form is compiled according to the provisions of IEC 62321.

○ 表示该有毒有害物质在该部件所有材质中的含量均在 IEC62321 标准规定的限量要求以下。

○ refers to the content of the hazardous and noxious substance in all the materials of the part is below the limit of the standards of the IEC 62321.

× 表示该有毒有害物质至少在该部件中的含量超出 IEC62321 标准规定的限量要求。

× refers to the content of the hazardous and noxious substance in all the materials of the part

exceeds the limit of the standards of the IEC 62321.

此标示也表示了该产品及其部件的环境使用期限，当某些零部件有不同的环保使用期限时会另行标示(例如，电池单元模块会有另一个标示贴在其产品上)。此环保使用期限只适用于手册中规定的使用中所规定的条件下工作。

This symbol also refers to the environmental protection use period of the product and its accessories. It will be indicated separately if different environmental protection use period is applicable to some parts (For example, a different label is pasted on the battery unit module). The environmental protection use period is only applicable to the prescribed operating environment in the *Instructions*.



这个文件涉及的是在中华人民共和国境内进口或销售的电子电器产品。

This document involves the electronic and electrical products imported and sold in the People's Republic of China.

## 六、用户及产品信息

### VI. User & Product Information

姓名	
联系方式	
电子邮件	
地址	
邮编	

产品型号	
联系方式	
设备SN号	

姓名

联系方式

电子邮件

地址

邮编

产品型号

联系方式

设备 SN 号

Name

Contact

E-mail

Address

Postcode

Product Model

Contact

Device SN No.



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Contact NOLOVR Customer Service

For more information, please visit [www.nolovr.com](http://www.nolovr.com).

## **FCC STATEMENT :**

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.

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

NOTE: 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.

## **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.