Godox

Lux Junior
复古闪光灯
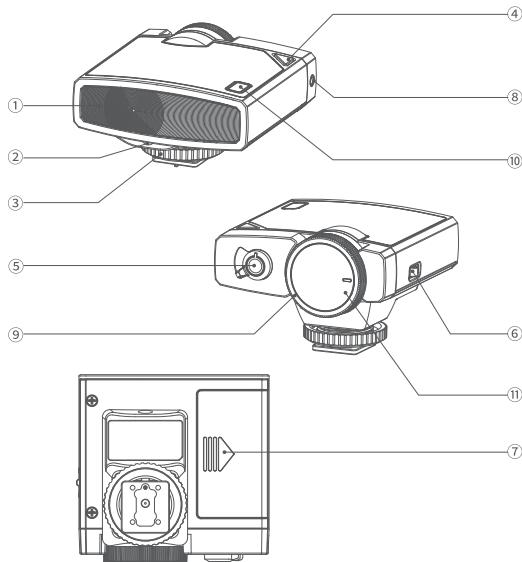Retro Camera Flash

说明手册
Instruction Manual

前言

Lux Junior 采用紧凑结构设计，外形复古，小巧实用，能够在 ISO100 时提供 GN12 闪光指数。拥有 AUTO 自动闪光与 MANUAL 手动闪光模式。支持两节 AAA 电池供电，兼容各类相机，如佳能、尼康、富士、奥巴、索尼等相机。

⚠警告

⚠ 请保持干燥。

⚠ 请勿私自拆卸产品，如产品出现故障须由本公司或授权的维修人员进行检查维修。

⚠ 请勿让儿童接触本产品。

⚠ 禁止拆卸、撞击、挤压或投入火中，若出现严重鼓胀，请勿继续使用。请勿放置在超过 50 度的高温环境中。

⚠ 请勿将闪光灯头正对人眼闪光（特别是婴儿的眼睛），否则可能会在短时间内造成视力障碍。

⚠ 请勿在化学品、可燃性气体或其他特殊物质附近使用闪光灯，这些物质在特殊情况下可能对闪光灯发出的瞬间强光敏感，有可能导致火灾或电磁干扰。在这些场合下，请注意相关警告标识。

⚠ 本产品不能防水，在雨天及潮湿环境下请注意防水。

⚠ 若发生任何故障，请立即关闭闪光灯电源。

⚠ 请勿使用说明书中未指定的任何电池、电源或附件。

⚠ 请将电池和其他附件置于儿童及婴幼儿无法触及之处。

⚠ 如果儿童或婴幼儿吞下电池或附件，请立刻就医。

⚠ 请勿使用任何变形或改造过的电池。

⚠ 请勿拆卸或改造本产品或电池。

⚠ 请勿加热电池或焊接电池。

⚠ 请勿让电池与火或水接触。

⚠ 请勿让电池受到强烈的外力撞击。

⚠ 请勿将金属等物品连接至电池的正负极。

⚠ 请勿将电池的正负端错误插入，或将新旧电池或不同类型的电池混合使用。

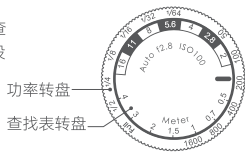⚠ 如果电池漏液、变色、变形、冒烟或发出异味，请立刻将其取出。在取出过程中请小心，以免烫伤。如果继续使用，可能会引起火灾、触电或皮肤烫伤。

1

结构

1. 发光区
2. 自动测光器
3. 热靴
4. 试闪按钮 / 回电指示灯
5. OFF/M/A 拨轮（电源关闭 / 手动闪光 / 自动闪光设置拨轮）
6. OFF/S1/S2 拨钮
7. 电池仓
8. SYNC 同步孔
9. 功率转盘
10. 光控三极管
11. 查找表转盘

2

转盘说明

功率转盘可转动,转动档位为 7 档。查找表转盘,主要为了查看数据,便于设置功率。

功率转盘——
查找表转盘——

回电指示灯说明

1. 当回电指示灯呈现常亮红色状态,表示正在回电。
2. 当回电指示灯呈现常亮绿色状态,表示回电结束。
3. 当回电指示灯呈现均匀闪烁红色状态,表示电池处于低电量,这种情况下,请更换电池。
4. 当回电指示灯呈现急奏闪烁状态,表示该灯处于高温状态。
5. 当回电指示灯呈现不发亮状态,表示电池没电。

标配物品

复古闪光灯 *1   引闪线 *1   说明书 *1   收纳包 *1

功率转盘 / 查找表转盘数字含义

感光度值	50	100	200	400	800	1600	
闪光功率档位	Full	1/2	1/4	1/8	1/16	1/32	1/64
光圈 F 值	2	2.8	4	5.6	8	11	16
最佳拍摄距离	0.5	0.7	1	1.5	2	3	4

安装电池

打开电池舱,分辨电池正负极,标着 + 标志为正极(凸起一段为正极),标着 – 标志为负极(略微凹陷一段为负极),将两节电池分别放进电池舱中,最后盖上电池舱,往上推至顶端即可。
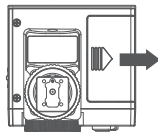
操作说明

开机

将 OFF/M/A 拨轮拨至 M 手动闪光模式或 A 自动闪光模式,即可开机。将 OFF/M/A 拨轮拨至 OFF,即可关机。

注:需先将闪光灯装上照相机,然后再开启照相机和闪光灯。

使用 M 手动闪光模式

1. 先将 OFF/M/A 拨轮拨至 M 手动闪光模式。

2. 根据相机已设置的感光度(假设 ISO 感光度为 100),找到闪光灯转盘对应的 ISO 感光度值。再根据当前拍摄距离(假设当前距离为 4m),转动查找表转盘,让拍摄距离值对准 ISO 感光度值。

3. 最后看光圈对准的功率值(假设光圈为 f2.8),获取到闪光灯所需功率数据,根据上述假设,图中可知此时闪光灯所需功率为全功率 Full(1)。转动功率转盘,使 OUTPUT 箭头对准所需功率,即可调好所需功率。

实用表

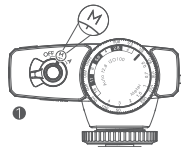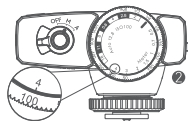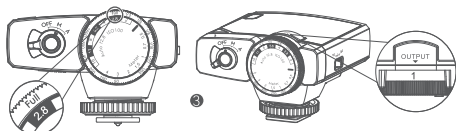| 光圈 GN值　距离(m)	2	2.8	4	5.6	8	11	16
48	24	16.8	12	8.4	6	4.2	3
33.6	16.8	12	8.4	6	4.2	3	2.1
24	12	8.4	6	4.2	3	2.1	1.5
16.8	8.4	6	4.2	3	2.1	1.5	1
12	6	4.2	3	2.1	1.5	1	0.7
8.4	4.2	3	2.1	1.5	1	0.7	0.5
6	3	2.1	1.5	1	0.7	0.5	0.4
4.2	2.1	1.5	1	0.7	0.5	0.4	0.3
3	1.5	1	0.7	0.5	0.4	0.3	0.2
2.1	1	0.7	0.5	0.4	0.3	0.2	0.1
1.5	0.7	0.5	0.4	0.3	0.2	0.1	
1	0.5	0.4	0.3	0.2	0.1		
0.8	0.4	0.3	0.2	0.1			

感光度 闪光功率　GN值	50	100	200	400	800	1600
1	8.4	12	16.8	24	33.6	48
1/2	6	8.4	12	16.8	24	33.6
1/4	4.2	6	8.4	12	16.8	24
1/8	3	4.2	6	8.4	12	16.8
1/16	2.1	3	4.2	6	8.4	12
1/32	1.5	2.1	3	4.2	6	8.4
1/64	1	1.5	2.1	3	4.2	6

使用 A 自动闪光模式

先将 OFF/M/A 拨轮拨至 A 自动闪光模式。
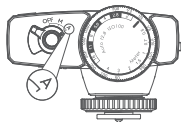
在 A 自动闪光模式下，默认感光度 ISO 100 和光圈 f2.8。
在 A 自动闪光模式下，闪光灯实用表

感光度	50	100	200	400	800	1600
光圈	2	2.8	4	5.6	8	11
使用范围	最远 4 米					

注：使用过长镜头可能会影响 A 模式光输出。

光控模式

S1 光控单位设置

在 M 手动闪光模式下，可以使用 S1 功能。将 0FF/S1/S2 拨纽推至 S1，闪光灯可作为副灯使用，创造多种照明效果，适用于手动闪光环境。它会与主闪光灯的第一次闪光同步触发闪光，效果与使用无线引闪器一致。

S2 光控单位设置

在 M 手动闪光模式下，可以使用 S2 功能。将 0FF/S1/S2 拨纽推至 S2，闪光灯可作为副灯使用，适用于 TTL 闪光环境。具有防预闪功能，使用带一次预闪功能的相机能用光控实现同步拍摄。它会与主闪光灯的第二次闪光同步触发闪光，即 2 次光控引闪。

注：只有在 M 手动闪光模式下，才支持 S1/S2 光控引闪模式。

规格参数

| 型号	Lux Junior
闪光指数(1/1 档位)	GN12(ISO100,以米为单位)
闪光功率档位	7 档：1/1-1/64
色温	6000K±200K
焦距	28mm(固定值)
相机兼容性	富士相机、佳能相机、尼康相机 奥巴相机、索尼相机
转盘显示	功率：full、1/2、1/4、1/8、1/16、1/32、1/64 光圈：F2-16 距离：0.5m、0.7m、1m、1.5m、2m、3m、4m Auto f2.8 ISO100（自动闪光模式下默认参数）
光控引闪	S1 光控同步引闪 /S2 光控防预闪引闪
工作环境温度	-10℃~50℃
电池	镍氢充电电池 / 七号碱性电池
尺寸	73.8*50.2*71.8mm
净重	130g

规格和参数如有变更，恕不另行通知。

Foreword

The Lux Junior is designed with a compact structure, retro appearance, and practical functions. It can provide a guide number of GN12 at ISO100, auto flash and manual flash mode, support two AAA batteries power supply, be compatible with various kinds of cameras, such as Canon, Nikon, Fujifilm, Olympus, Sony, etc.

⚠ Warning

⚠ Always keep this product dry. Do not use in rain or in damp conditions.

⚠ Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.

⚠ Keep out of reach of children.

⚠ Stop using this product if it breaks open due to extrusion, falling or strong hit. Otherwise, electric shock may occur if you touch the electronic parts inside it.

⚠ Do not leave or store the flash unit if the ambient temperature reads over 50℃.

⚠ Do not fire the flash directly into the eyes (especially those of babies) within short distances. Otherwise, visual impairment may occur.

⚠ Do not use the flash unit in the presence of flammable gases, chemicals and other similar materials. In certain circumstance, these materials may be sensitive to the strong light emitting from this flash unit and fire or electro-magnetic interference may result.

⚠ Turn off the devices immediately in the event of malfunction

⚠ Do not use any batteries, power sources or accessories not specified in the instruction manual.

⚠ Keep batteries and other accessories out of the reach of children and infants. In the instance that a child or infant swallows a battery or accessory, imme-diate emergency medical attention is required.

⚠ Do not use any deformed or modified batteries.

⚠ Do not disassemble or modify this product or battery.

⚠ Do not heat or solder the battery.

⚠ Keep the battery away from fire or water.

⚠ Do not let the battery subject to strong external impact.

⚠ Do not connect metal objects to the positive and negative ends of the battery.

⚠ Do not incorrectly insert the positive and negative ends of batteries, or mix old and new batteries or batteries of different types together.

⚠ If the battery leaks, becomes discolored, deformed, emits smoke, or emits an abnormal odor, remove it immediately. Be careful during removal to avoid burns. Continued use could result in fire, electric shock, or burns.

Product Structure
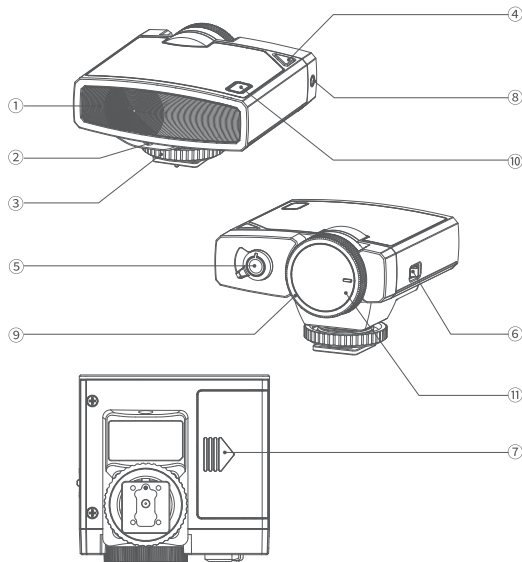
1. Light-emitting area
2. Auto light receptor
3. Hotshoe
4. Test button/Recycle indicator
5. OFF/M/A dial
(power off/manual flash/auto flash)
6. 0FF/S1/S2 button
7. Battery compartment
8. SYNC hole
9. Power adjust dial
10. Optical control sensor
11. Meter panel

Power Adjusting Instruction

Power adjust dial is rotatable in 7 levels, while meter panel is steplessly rotatable with data on it, together precisely setting and adjusting power.

Power adjust dial

Meter panel
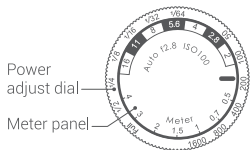
Recycle Indicator Instruction

1. When the recycle indicator is constant on red, it means recycling.
2. When the recycle indicator is constant on green, it means recycle complete.
3. When the recycle indicator flashes red stably, it means low battery state, please replace the battery in time.
4. When the recycle indicator flashes rapidly, it means high temperature state.
5. When the recycle indicator is off, it means battery is dead.

What's In Side

Retro Camera Flash *1   Triggering Cable*1   Instruction Manual*1   Storage Bag *1

Power adjust dial/Meter panel Settings Instruction

ISO Values	50	100	200	400	800	1600	
Flash Power Levels	Full	1/2	1/4	1/8	1/16	1/32	1/64
Aperture Values	2	2.8	4	5.6	8	11	16
Best Shooting Distance	0.5	0.7	1	1.5	2	3	4

Battery Installation Instruction

Open the battery compartment, the plumped end marked with + is positive pole, the sunk end marked with – is negative pole, put two batteries into the battery compartment correctly, then close the cover and push it upwards.
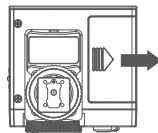
Operation Instruction
Power On

Turn the OFF/M/A dial to M manual flash mode or A auto flash mode, the device can be powered on. Turn it to OFF mode, the device is powered off.

Note: Install the flash to the camera then turn on the camera and flash.

M Manual Flash Mode

1. Turn the OFF/M/A dial to M manual flash mode.

2. According to the ISO value (assuming the ISO value is 100) of the camera, find the ISO value on the power adjust dial. Then turn the meter panel to make the distance value aimed at the ISO value according to the current shooting distance (assuming the distance is 4m).
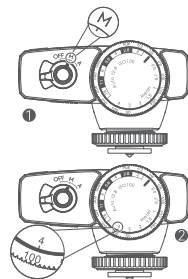
3.The flash power is the value on the dial aimed at the aperture value (assuming it is f2.8). In the above assumptive situation, the flash power should be Full(1) power. Turn the power adjust dial to make the power value (1) aimed at the OUTPUT arrow, then the flash is ready for use.
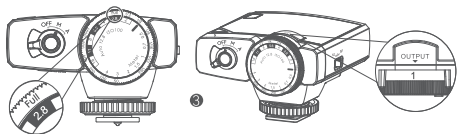
Practical Form of M Manual Flash Mode

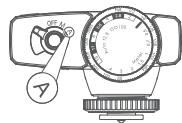| GN \ Distance(m) \ Aperture	2	2.8	4	5.6	8	11	16
48	24	16.8	12	8.4	6	4.2	3
33.6	16.8	12	8.4	6	4.2	3	2.1
24	12	8.4	6	4.2	3	2.1	1.5
16.8	8.4	6	4.2	3	2.1	1.5	1
12	6	4.2	3	2.1	1.5	1	0.7
8.4	4.2	3	2.1	1.5	1	0.7	0.5
6	3	2.1	1.5	1	0.7	0.5	0.4
4.2	2.1	1.5	1	0.7	0.5	0.4	0.3
3	1.5	1	0.7	0.5	0.4	0.3	0.2
2.1	1	0.7	0.5	0.4	0.3	0.2	0.1
1.5	0.7	0.5	0.4	0.3	0.2	0.1	
1	0.5	0.4	0.3	0.2	0.1		
0.8	0.4	0.3	0.2	0.1			

Flash power \ GN \ ISO	50	100	200	400	800	1600
1	8.4	12	16.8	24	33.6	48
1/2	6	8.4	12	16.8	24	33.6
1/4	4.2	6	8.4	12	16.8	24
1/8	3	4.2	6	8.4	12	16.8
1/16	2.1	3	4.2	6	8.4	12
1/32	1.5	2.1	3	4.2	6	8.4
1/64	1	1.5	2.1	3	4.2	6

A Auto Flash Mode

Turn the OFF/M/A dial to A auto flash mode.

The default ISO and aperture are 100 and f2.8 respectively in A auto flash mode.

Practical Form of A Auto Flash Mode

ISO	50	100	200	400	800	1600
Aperture	2	2.8	4	5.6	8	11
Distance	Max. 4 meters					

Note: Using improper extra long lens may affect the output in A auto flash mode.

Optical Control Mode

S1 optical control

The S1 optical control function is available in M manual flash mode. Push the OFF/S1/S2 button to S1, the flash can function as an optical S1 secondary flash. With this function, the flash will fire synchronously when the main flash fires, the same effect as that by using of radio triggers. This helps create multiple lighting effects.

S2 optical control

The S2 optical control function is available in M manual flash mode. Push the OFF/S1/S2 button to S2, the flash can also function as an optical S2 secondary flash to be suitable for TTL flash. This is useful when cameras have pre-flash function. With this function, the flash will ignore a single "preflash" from the main flash and will only fire in response to the second, actual flash from the main unit.

Note: S1/S2 optical control is only available in M manual flash mode.

Technical Data

Model	Lux Junior
GN(1/1 level)	GN12(ISO100,in meters)
Flash power	7 levels：1/1-1/64
CCT	6000K±200K
Focal length	28mm(fixed value)
Compatible cameras	Fujifilm, Canon, Nikon, Olympus, Sony
Panel display	Power：full,1/2,1/4,1/8,1/16,1/32,1/64 Aperture：F2-16 Distance：0.5m,0.7m,1m,1.5m,2m,3m, 4m Auto f2.8 ISO100 (default value in A auto flash mode)
Optical flash	S1 optical control/S2 optical control
Working environment temperature	-10℃~50℃
Battery	NI-MH battery/ AAA alkaline battery
Dimension	73.8*50.2*71.8mm
Net weight	130g

* Product design and specifications are subject to change without notice.

Declaration of Conformity：

GODOX Photo Equipment Co.,Ltd. hereby declares that this equipment are in compliance with the essential requirements and other relevant provisions of Directive2014/35/EU,2014/30/EU. They are allowed to be used in all EU member states.
For more information of DoC, Please click this web link:

https://www.godox.com/eu-declaration-of-conformity/

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.
Any 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.

产品保修

尊敬的用户，本保修卡是申请保修服务的重要凭证，请您配合销售商填写并妥善保管，谢谢!

产品信息	型号		产品条码	
用户信息	姓名		联系电话	
	通信地址			
销售商信息	名称			
	联系电话			
	通信地址			
	销售日期			
备注				

注：此表应由销售商盖章确认。

本文件适用于相关《产品保修信息》(见后面说明)所列产品，其他非属此范围的产品或部件(如促销品、赠品及其他出厂后附加的部件等)不在此保修承诺内。

保修期

产品及部件的相应保修期按相关的《产品保修信息》执行。保修期自产品首次购买日起算，购买日以购买产品时保修卡登记日期为准。

如何获得保修服务

您可直接与产品销售商或授权服务机构联系，也可拨打神牛产品售后服务电话，与我们联系，由我们的服务人员为您安排服务。申请保修时，您应提供有效的保修卡作为保修凭证，方可获得保修。如您不能提供有效的保修卡，则在我们确认产品或部件属于保修范围的情况下，也可以为您提供保修，但这不作为我们的义务。

不适用保修的情况

如产品存在下列情况，本文件项下的保证和服务将不适用 ①产品或部件超过相应保修期；②错误或不适当使用、维护或 保管导致的故障或损坏，如：不当搬运；非按产品合理预期用途使用；不当插拔外接设备；跌落或外力挤压；接触或暴露于不适当温度、溶剂、酸碱、水浸或潮湿环境；③由非神牛授权机构或人员安装、修理、更改、添加或拆卸造成的故障或损坏；④产品或部件原有识别信息被修改变更或除去；⑤无有效保修卡；⑥使用非合法授权、非标准或非公开发行的软件造成的故障或损坏；⑦因不可抗力或意外事件造成的故障或损坏；⑧其他非因产品本身质量问题导致的故障或损坏。遇上述情况，您应向相关责任方寻求解决，神牛对此不承担任何责任。因非在保修期或保修范围内的部件、附件或软件导致产品不能正常使用的，不是保修范围内的故障。产品使用过程中正常的脱色，磨损和消耗，不是保修范围内的故障。

产品保修和服务支持信息

产品的保修期和服务类型按以下《产品保修信息》执行：

产品类别	选件名称	保修期 (月)	保修服务类型
部件	电路板	12	客户送修
	电池	3	客户送修
	充电器、电源线,同步线等带电性能的部件。	12	客户送修
其他	如闪光管、造型灯泡、外壳、保护罩、锁紧装置、包装等。	无	无保修

Warranty

Dear customers, as this warranty card is an important certificate to apply for our maintenance service, please fill in the following form in coordination with the seller and safe-keep it. Thank you!

Product Information	Model	Product Code Number
Customer Information	Name	Contact Number
	Address	
Seller Information	Name	
	Contact Number	
	Address	
	Date of Sale	
Note:		

Note: This form shall be sealed by the seller.

Applicable Products

The document applies to the products listed on the Product Maintenance Information (see below for further information). Other products or accessories (e.g. promotional items, giveaways and additional accessories attached, etc.) are not included in this warranty scope.

Warranty Period

The warranty period of products and accessories is implemented according to the relevant Product Maintenance Information. The warranty period is calculated from the day(purchase date) when the product is bought for the first time, And the purchase date is considered as the date registered on the warranty card when buying the product.

How to Get the Maintenance Service

If maintenance service is needed, you can directly contact the product distributor or authorized service institutions. You can also contact the Godox after-sale service call and we will offer you service. When applying for maintenance service, you should provide valid warranty card. If you cannot provide valid warranty card, we may offer you maintenance service once confirmed that the product or accessory is involved in the maintenance scope, but that shall not be considered as our obligation.

Inapplicable Cases

The guarantee and service offered by this document are not applicable in the following cases: ①. The product or accessory has expired its warranty period; ②. Breakage or damage caused by inappropriate usage, maintenance or preservation, such as improper packing, improper usage, improper plugging in/out external equipment, falling off or squeezing by external force, contacting or exposing to the improper temperature, solvent, acid, base, flooding and damp environments, etc; ③. Breakage or damage caused by non-authorized institution or staff in the process of installation, maintenance, alternation, addition and detachment; ④. The original identifying information of product or accessory is modified, alternated, or removed; ⑤. No valid warranty card; ⑥. Breakage or damage caused by using illegally authorized, nonstandard or non-public released software; ⑦. Breakage or damage caused by force majeure or accident; ⑧. Breakage or damage that could not be attributed to the product itself. Once met these situations above, you should seek solutions from the related responsible parties and Godox assumes no responsibility. The damage caused by parts, accessories and software that beyond the warranty period or scope is not included in our maintenance scope. The normal discoloration, abrasion and consumption are not the breakage within the maintenance scope.

Maintenance and Service Support Information

The warranty period and service types of products are implemented according to the following Product Maintenance Information:

Product Type	Name	Maintenance Period(month)	Warranty Service Type
Parts	Circuit Board	12	Customer sends the product to designated site
	Battery	3	Customer sends the product to designated site
	Electrical parts e.g.battery charger, power cord, sync cable, etc.	12	Customer sends the product to designated site
Other Items	Flash tube, modeling lamp, lamp body, lamp cover, locking device, package, etc.	NO	Without warranty