

Manual de instrucciones

Yonguno YN-300W



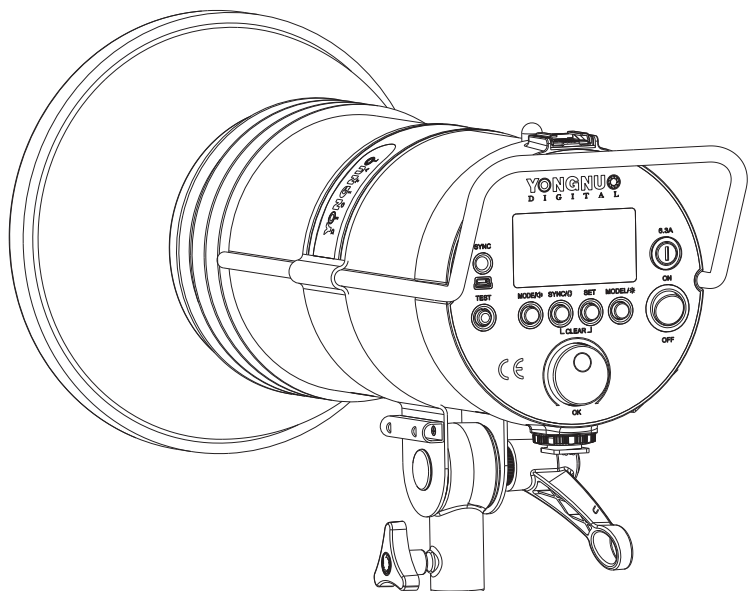
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YONGNUO 
D I G I T A L

影楼灯

Professional Studio Flash
YN300W



使用说明
Usermanual

Brief Introduction

Thank you for choosing YONGNUO studio flash, YN300W.

Please read Precautions, Products Functions, Maintenance and Care etc. in this user manual carefully before use, and keep this user manual properly for reference.

Product Features:

- IGBT precise control
- Large LCD display screen
- Supports Manual mode and E TTL mode
- Supports slave flash via wireless optical transmission
- Supports S1 and S2 slave flash
- Triggers through sync interface, hot-shoe stand and light control
- Adjusts flash power quickly with stepless knob
- Supports first curtain sync and second curtain sync
- Supports FEC and FEB
- Upgrades firmware through USB
- Supports modeling light proportional mode, sync mode and custom mode
- Multiple protection mechanism

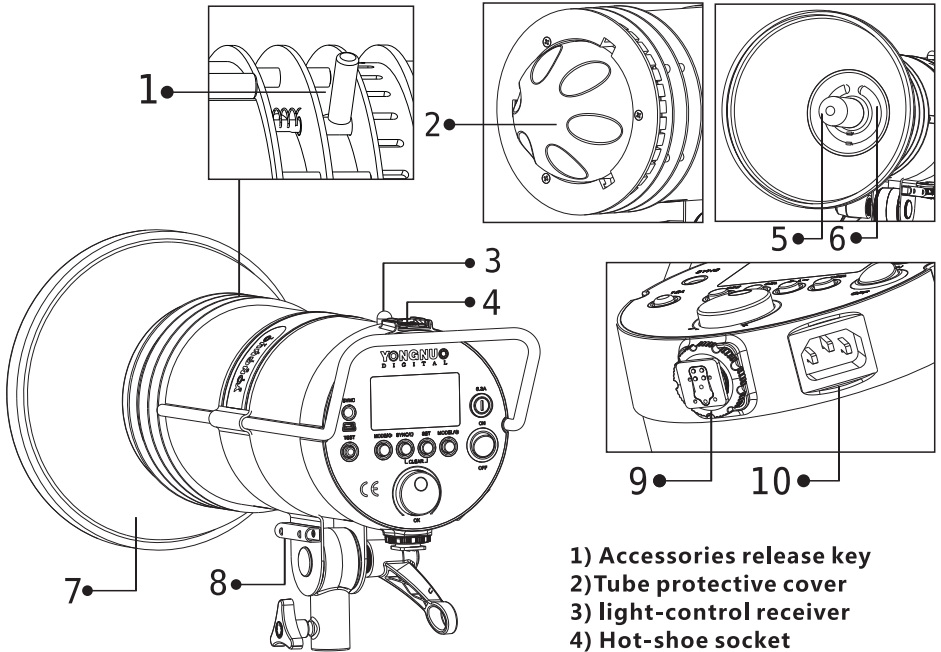
Precautions

- **Before using this product for the first time, please make sure the housing of this product is undamaged and the locking device is secure. Please take down the tube protective cover to check to be sure that the tube and the lamp bulb would not loosen.**
- **Before use, please make certain the service voltage matches the nameplate of this product.**
- **This product has to be connected to the grounded power line and the grounded power receptacle. Please do not pull the power line, and please do not use the damaged power line.**
- **When you are installing and coupling accessories, please do not cut off power supply.**
- **This product should be used under the ventilated environment. Please make sure the heat emission hole won't be blocked when you are using this flash.**
- **When this product is in use, please do not touch the flash tube, modeling light and other heating components. If not, it will possibly cause burns.**
- **Ban touching this product with wet hands, and do not place or use this product where it can be exposed to moisture.**
- **Do not use this product in flammable and explosive place.**
- **Maintenance or repair of this product should be carried through by technical maintenance personnel of our company or technical maintenance personnel authorized by our company. Non-professional maintenance of this product will possibly lead to electric shock or other accidents.**
- **Please pull out the power line before cleaning, maintaining or changing the fuse and lamp bulb.**
- **Please keep this product away from the children.**

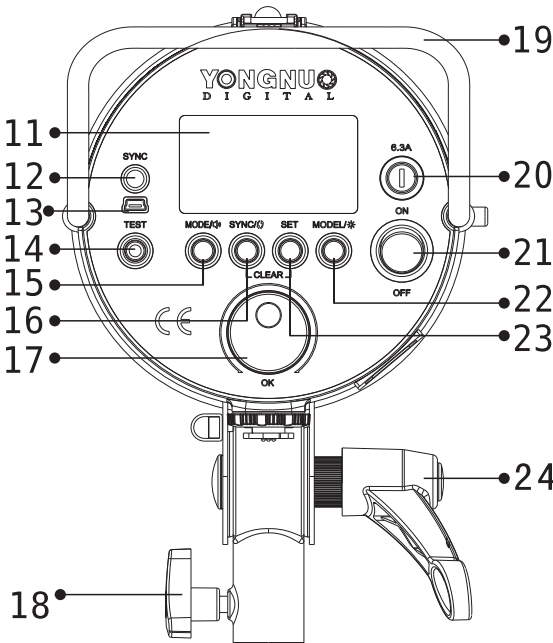
Maintenance and Care

- **Please keep the flash tube and modeling light clean. If there are strains on the flash tube or modeling light, please take them out with anhydrous alcohol. Please do not touch the flash tube or modeling light with your hands directly.**
- **Please cut off the power before changing the modeling light. The specification of the modeling light should be selected and used in strict accordance with the user manual. If not, this product will be damaged.**
- **Please pull out the power line if this product is not used for a long time.**
- **If this product needs to be stored or transported, please take down the modeling light and mount the tube protective cover on the flash head.**

Nomenclature



- 1) Accessories release key
- 2) Tube protective cover
- 3) light-control receiver
- 4) Hot-shoe socket
- 5) Lamp bulb
- 6) Flash tube

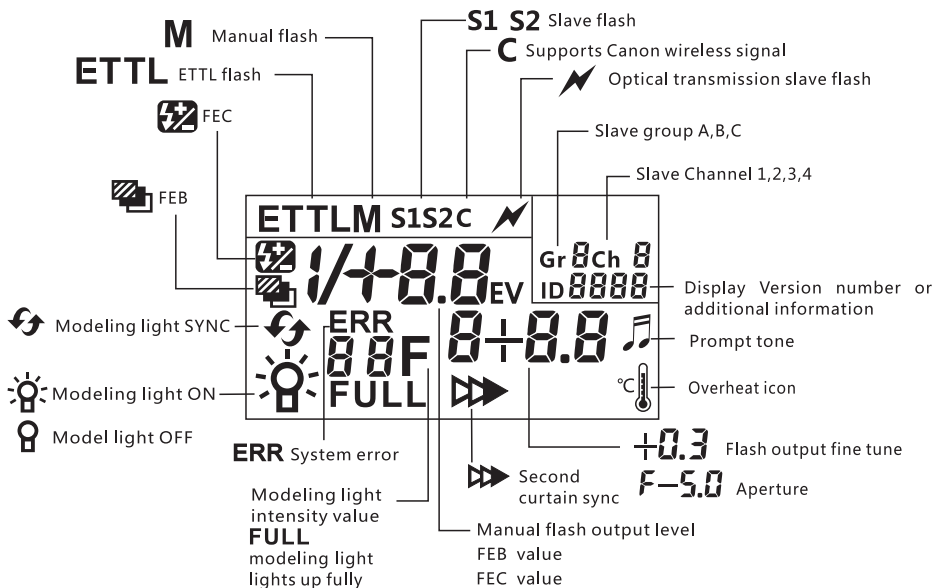


- 7) Reflector cover (Optional part)
- 8) Umbrella holder
- 9) Hot-shoe stand interface
- 10) Power socket
- 11) LCD display screen
- 12) Flash sync socket
- 13) USB port
- 14) TEST button/
Recycling time indicator
- 15) MODE button
- 16) Sync button
- 17) Stepless knob
- 18) Light stand lock knob
- 19) Handle
- 20) Fuse socket
- 21) Power switch/Power indicator
- 22) MODEL button
- 23) SET button
- 24) Lock knob

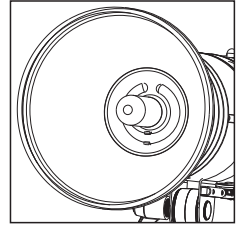
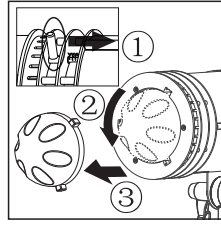
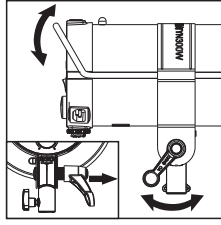
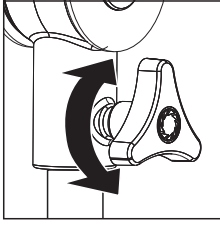
Components Introduction

- 1)**Accessories release key:** Press accessories release key to connect or release the accessories (such as reflector cover or tube protective cover) of the flash head.
- 2)**Tube protective cover:** When this product is stored or transported, the tube protective cover is used for protecting the flash tube.
- 3)**Optical control receiver:** Optical control receiver is a receiver in optical control mode.
- 4)**Hot-shoe socket:** The hot-shoe socket is used to secure wireless trigger or other accessories.
- 5)**Lamp bulb:** E27 150W
- 6)**Flash tube:** 300WS
- 7)**Reflector cover (optional part):** to reflect the light.
- 8)**Umbrella holder:** An umbrella holder is used for installing reflective umbrella or soft light umbrella.
- 9)**Hot-shoe stand interface:** Wireless TTL transceiver or TTL connecting wire is connected to the flash via Hot-shoe stand interface.
- 10)**Power socket:** To connect AC power cord.
- 11)**LCD display screen:** The current working status, function, and flash power etc will display on the LCD display screen.
- 12)**Flash sync socket:** To connect triggering cable to camera or wireless transceiver and used cooperatively with the camera to sync flash.
- 13)**USB port:** The firmware of the flash can be upgraded by connecting this flash to computer via USB port.
- 14)**TEST button/Recycling time indicator:** This indicator will light up in green when the flash is charging and in red when the charging is completed. Press [TEST] button, this flash will test the flash.
- 15)**MODE button:** Flash mode button, Prompt tone button.
- 16)**SYNC button:** The shutter sync function and modeling light sync function will be set by pressing [SYNC] function.
- 17)**Stepless knob:** By rotating the stepless knob rightwards or leftwards, or pressing the stepless knob, you are able to quickly adjust the flash power, modeling light power and etc.
- 18)**Light stand lock knob:** A light stand lock knob is used to secure the flash on the light stand.
- 19)**Handle:** By holding the handle, it's much convenient when lighting.
- 20)**Fuse socket:** The specification of the fuse socket is 250V T6.3A.
- 21)**Power switch/Power indicator:** When the power switch is set to ON, the flash is powered on and the light indicator will light up; p when the power switch is set to OFF, the flash is powered off.
- 22)**MODEL button:** Press [MODEL] button to turn on or off the modeling light and select modeling light modes.
- 23)**SET button:** By pressing [SET] button, you can set various parameters of this flash.
- 24)**Lock knob:** Lock knob is used to adjust and fix the angle of the flash body.

LCD display screen



Before Use-Fix and Install

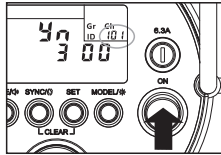
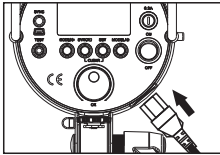


1. Fix the flash: Fit the flash to the light stand and secure it by screwing up the lock knob on the light stand.

2. Adjust flash head angle: Adjust the angle of the flash body and screw up the knob to fix the angle.

3. Install (Remove) accessories: Press accessories release key, rotate and remove the flash tube protective cover, and then install the reflector cover (optional part) on the flash head.

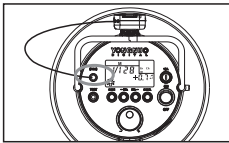
4. Install modeling light



6. Connect power line: Connect the power line to the power socket.

7. Turn on the power: By setting the power switch to ON, the flash is powered on, the light indicator and the display screen lights up. The screen will show the current version number. When the power recycling indicator lights up in green, it's indicating that the flash is charging; when the power recycling indicator lights up in red, it's indicating that charging is completed and the flash is ready.

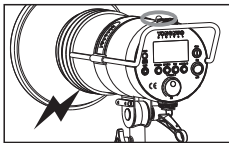
Before Use- Select A Triggering Mode



1). Trigger through sync interface

Use the camera or the universal wireless trigger to flash synchronously by inserting the triggering line to the 6.35MM sync interface.

Supported flash mode: M



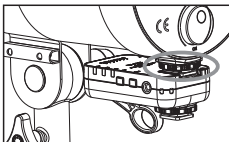
2). Trigger through light-control

A: Use the flash to trigger synchronously (S1, S2)

Supported flash mode: M

B: Trigger with the flash in master mode (optical transmission)

Supported flash mode: E-TTL, M



3). Trigger through hot-shoe stand



A: It's recommended to use YN622C (ordered additionally) with 2.4G E-TTL wireless triggering system to trigger the flash.

B: Use E-TTL extension cord

Supported flash mode: E-TTL, M

Basic Operation

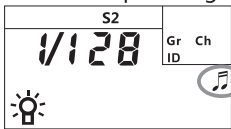
1.Button control:

Component	control
Power switch	When the power switch is set to ON, the flash is powered on and the indicator lights up; the flash is powered off when set to OFF.
MODE / 	By shortly pressing this button, the flash mode of the flash will be switched between ETTL, M, optical transmission, S1 and S2. When press and hold down this button, the prompt tone will be activated or deactivated.
SYNC/ 	By shortly pressing this button, the flash will be switched between first curtain sync and second curtain sync. After the modeling light is enabled, press and hold down this button to turn on or off the modeling light sync function.
SET	In every different mode, select different options (such as channel or group in optical transmission mode, FEB in E-TTL mode, custom modeling light power etc.) by shortly pressing this button.
MODEL/*	Shortly press this button to turn on or off the modeling light; Press and hold down this button to set the modeling light modes (proportional/custom power).
Stepless knob	Stepless knob is used to set various parameters. The parameters will be decreased when rotating this knob leftwards and increased when rotating this knob rightwards. Save and exit parameter setup by pressing this knob.
Test button	Test button is used as both test button and recycling time indicator. When the flash is charging, the indicator will light up in green; when the charging is completed, it will light up in red. Press this button any time you test the flash.

*Press any button the display screen backlight will light up for seconds.

2.Prompt tone:

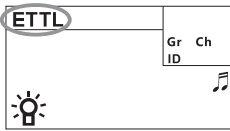
Press and hold down [MODE] button to activate the prompt tone. According to different operating states, the flash will make different sounds.



The sound form	Meaning	Operation
Tick twice	The flash is turned off; A flash is obtained;	Normal
Tick a long sound	Charging is completed	Normal
Tick-tick-tick, tick-tick-tick	Flash is in overheat protection state and it is temporarily closed;	Wait until the overheat protection icon is canceled.
Tick—tick—tick—tick—tick	Power recycling is abnormal; Flash is in overvoltage protection state;	Restart the flash. If the problem still exists, please contact us!

Operation

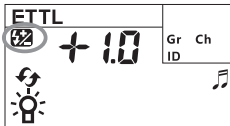
1. E TTL: E TTL auto flash mode supports FEB, FEC, second curtain sync, exposure lock and visiting Canon camera menu etc.



1). Set the flash mode as <E TTL>

By shortly pressing [MODE] mode, the flash mode will be set as <E TTL>.

2). E TTL flash exposure compensation (FEC): The FEC range of the flash is from -3 to +3. It's supported to set up the FEC value in 1/3 f-stop increments within the range from -3 to +3.

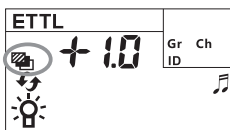


FEC settings

Set the FEC value by rotating [Stepless knob].

FEC

3). E TTL flash exposure bracketing (FEB): The FEB range of the flash is from 0 to 3. It's supported to set up the FEB value in 1/3 f-stop within the range from 0 to 3.



FEB settings

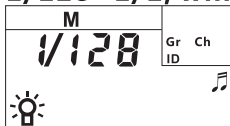
1). Press [SET] button and the screen will display < [Flash icon] >.

2). Rotate [Stepless knob] rightwards to set the FEB value.

FEB

• In E TTL mode, press [SET] button to switch and set FEC or FEB. When it's used cooperatively with FEC, the screen will display the superposition value of FEC and FEB according to the sequence of the flash exposure bracketing.

2.M: Manual flash mode. The flash output range of the flash is 1/128~1/1, which can be adjusted in 1/3 f-stop increment.



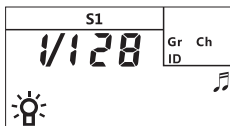
1). Set the flash mode as <M>.

Shortly press [MODE] button to set the flash mode as <M>.

2). Set the flash output.

Adjust the flash intensity directly by rotating the knob rightwards or leftwards.

3.S1/S2 mode: Slave flash mode S1 and S2 are suitable for using in manual flash condition and TTL flash condition respectively. When the flash is used in these two conditions, the output power should be adjusted into the same level as the flash is in M mode.



Shortly press [MODE] button to set the flash mode as <S1> or <S2>.

S1 mode: The flash will fire simultaneously with the first flash emitted from the main flash in S1 mode. The main flash should be set as manual flash mode.

S2 mode: S2 mode is named as "pre-flash cancelling mode" as well. The pre-flash emitted from TTL flash will be neglected and this makes the main flash working in TTL mode possible.

• When using flash in S1/S2 mode, the red-eye reduction function, instruction master mode and wireless mode of the main flash should be disabled.

Operation

4. Wireless slave flash: Optical transmission

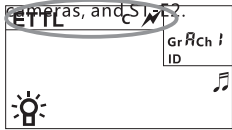
The flash supports shooting through wireless slave flash (optical transmission). This operation requires the main flash possesses the optical transmission function and the flash mode can be set up by the main flash.

Supported flash mode: ETTL, M;


Supported communication channel: 1,2,3,4;

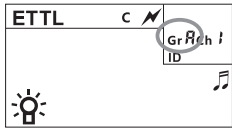
Supported Group: A/B/C;

Supported main control unit: YN568EX II, 580EX(II), 600EX(RT), built-in flash of 7D,60D,600D or other



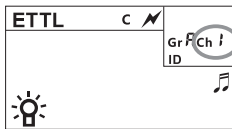
1). Set the flash mode as < > optical transmission.

Shortly press [MODE] button till the screen displaying the flash mode is set as <  >.



2). Set the groups <Gr>

Shortly press [SET] button until <Gr> parameter blinking, and then rotate [Stepless Knob] to set the groups.



3). Set the channels <Ch>

Shortly press [SET] till <Ch> parameter blinking, and then rotate [Stepless Knob] to set the channels.

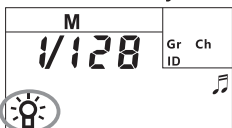
4). Master control unit setting

Set flash mode for each group on the master control unit. Refers to the details about using the master control unit, please see the related instruction manual.

The setting parameters on the display screen will change after the flash is completed.

5. Modeling Light Settings

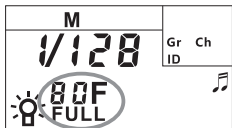
Modeling light function, such as modeling light proportional adjustment, modeling light custom intensity and modeling light sync function, can be used in any flash modes.



Proportional adjustment function

1). Turn the modeling light on

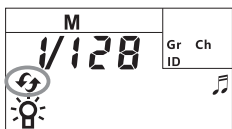
By shortly press [MODEL] button, the modeling light will be turned on or off. It defaults to modeling light proportional adjustment function. In manual flash mode, the modeling light will change along with the flash output.2). Modeling light custom intensity



Custom intensity

2). Modeling light custom intensity

Press and hold down [MODEL] button to display the custom modeling light intensity. Shortly press [SET] button and rotate the [Stepless knob] to change the intensity value (10-80F). If the modeling light lights up fully, character <FULL> will display on the screen. After all the modification is completed, press [Stepless knob] to save and exit. 3). Modeling light sync



Sync function

3). Modeling light sync function

Press and hold down [SYNC] button to turn on the modeling sync function. At the meanwhile the flash flashes, the modeling light sync function is disabled. It will restore when the flash power recycling is completed, and the modeling will be normally on after pressing and holding down [SYNC] button.

• In M optical transmission mode, after setting up the flash output in the camera, the flash should pre-flash once firstly, then the modeling light intensity will change along with the flash output proportionally.

Operation

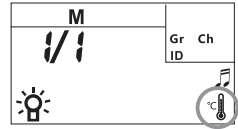
6. Overheat (flash) Protection

In order to protect the service life of the flash, the system limits the guide number of the flash in a way.

1). When the flash flashes with full power in M mode, if the guide number is over 30 times in 5 minutes, the overvoltage protection will be activated automatically. The flash will return to normal after standing for 5 minutes.

2).When in E TTL mode flashing, the flash will calculate the maximum number of flashes according to the actual flash output.

• When the overheat protection mechanism started, the flash screen will blink with the “overheat” icon, and with prompt sound. The flash stop recycling and flashing. Until the “overheat icon disappeared, the overheat protection mechanism will be removed. Then the flash will recover to normal work.



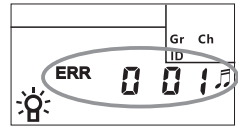
Overheat Protection

7. Overvoltage Protection

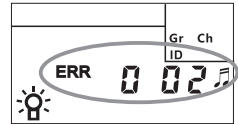
In the shooting progress, if the inner voltage of the flash is over-high, the flash will activate overvoltage protection mechanism automatically. The screen will display an ERR icon and an error code 0x01. At this time, the flash needs to be restarted. If the abnormal condition still exists, please contact manufacturer.

8.Abnormal Power Recycling

In the shooting progress, if the power recycling time of the flash is over 5 seconds, it will be defined as abnormal power recycling by the system automatically. The screen will displays an ERR icon and an error code 0x02. At this time, the flash needs to be restarted. If the abnormal condition still exists, please contact manufacturer.



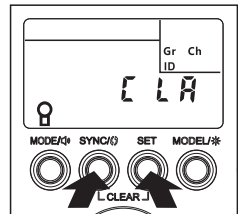
Overvoltage Protection



Abnormal Power Recycling

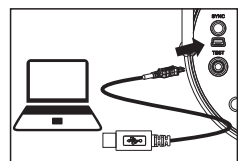
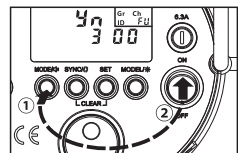
9. Restore Factory Settings

Press [SYNC] button and [SET] button simultaneously till CLA displaying on the screen, then the flash will be reset to defaults.



10. USB Firmware Upgrade

- 1).Visit YONGNUO official website (<http://www.hkyongnuo.com>) to download the firmware upgrading driver and the firmware of the latest version.
- 2).Turn off the power, and at the meanwhile you are pressing <MODE> button, turn the power of the flash back on. Then, the screen will display an interface indicating firmware upgrade is accessible.
- 3). Connect the flash to PC with a USB-MINIB cable (not included).
- 4). Follow the tips on the software to finish firmware upgrade



Troubleshooting

1. The power indicator doesn't light up.

Check if the power socket and the power line are well connected; check if the fuse is in good condition.

2. The flash doesn't flash.

Check if the flash is using in correct triggering mode; Check if the sync cable loosens when the flash is using it; check if the master control unit is set behind the studio flash and make sure there is no obstacle in front of the optical-control receiver when triggering through optical control; when triggering through hot-shoe stand, check if it's well contacted.

3. The modeling light doesn't light up.

Check if the modeling light is activated; check if the lamp bulb loose or damaged.

4. The images are underexposed or overexposed.

Check if the shutter setting, aperture and ISO setting of the camera are too close to the limitation of the flash.

Specification

Model: Studio Flash YN300W

Flash power: 300WS

Guide number: ISO-100 58M

Color temperature: 5500K~6700K

Supply voltage: AC185~265V 50Hz

Fuse: 250V T6.3A

Lamp bulb: E27 220V 150W

Sync voltage: DC3.3V

Recycling time: 0.1~0.6S

Flash duration: 1/33000S~1/800S

Power regulation: 1/1~1/128

Modeling light mode: sync mode, proportional mode, custom mode, off mode

Flash mode: ETTL, M, Canon optical transmission, S1, S2

External interface: hot-shoe, PC port, USB port

Trigger method: via sync interface, hot-shoe stand or light control

Dimension: 312×156×391MM (Handle is not included)

Weight: 3.4KG

Contained items: flash (1), lamp bulb (1), 5m power line (1), warranty card (1)

The functions in this manual are acquired based on the test condition of our company. Product design and product specification are subject to change without further notice.

The YONGNUO logo in this manual includes the registered trademark or trademark of SHENZHEN YONGNUO PHOTOGRAPHY EQUIPMENT Co., Ltd in China or/and other countries (regions). All other owned trademarks are the property of their respective owners.

If you have any questions about usage or maintenance of this product, please feel free to contact us!

Dealer: ShenZhen YongNuo Photographic Equipment Co., Ltd

Add: A511,5/F, Building 2, Saige Science and Technology Park, North of Huaqiang Road, Futian, , ShenZhen, China

TEL: (86)0755-8376 2448 FAX: (86)0755-8376 2765

Web: www.hkyongnuo.com

After-sales Service TEL: 400-0013-888

功能简介

感谢您选购永诺影楼灯YN300W。

请仔细阅读本说明书以了解本产品的各项安全须知，功能，保养等，请妥善保存本说明书以备查阅。

产品特点：

- IGBT 精确控制
- 大尺寸LCD显示
- 支持手动、ETTL闪光模式
- 支持无线光学传输从属闪光
- 支持S1,S2从属闪光
- 支持同步接口引闪、光控引闪、热靴底座引闪
- 支持使用无级旋钮快速调节闪光功率
- 支持前帘同步、后帘同步
- 支持曝光补偿，曝光包围
- 支持USB固件升级
- 造型灯比例、造型灯同步、造型灯自定义功能
- 多重保护机制

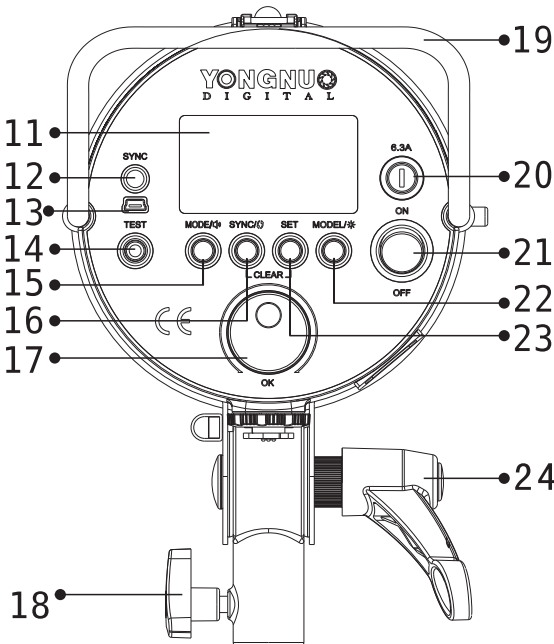
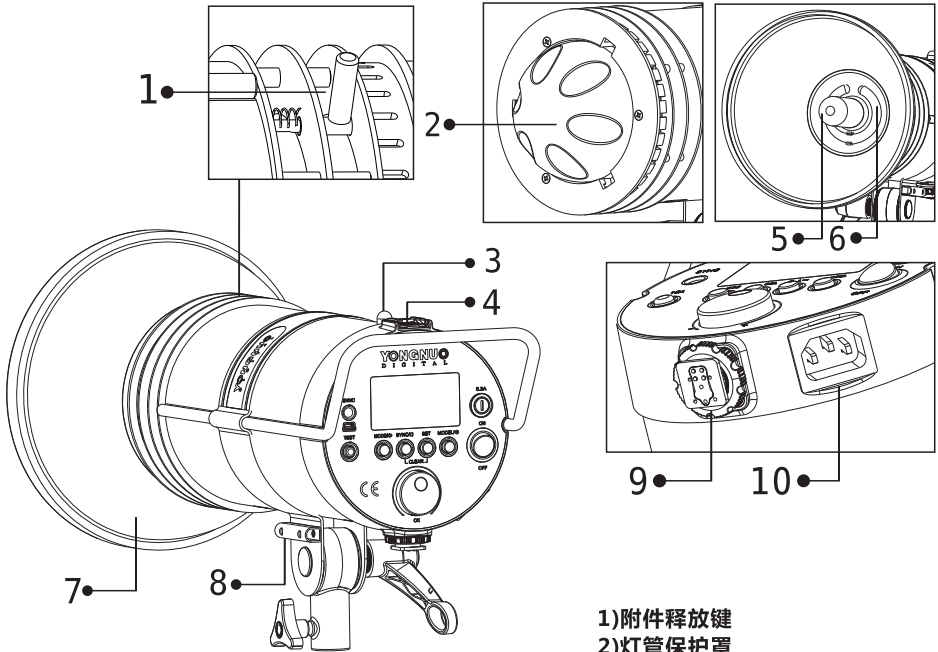
注意事项

- 首次使用前请检查灯体有无损坏，锁紧装置是否牢固，灯管保护罩务必取下，检查灯管及造型灯泡是否有松动。
- 使用前请确认使用电压与本机铭牌相符。
- 请将本产品连接到有接地端的电源线及插座，请勿拉扯电源线以及使用有损坏的电源线。
- 安装及连接附件时，务必切断电源。
- 闪光灯适用于通风的环境，使用时请保持闪光灯的散热孔不被堵塞。
- 使用时严禁用手接触闪光管、造型灯等发热部件，否则可能会引起灼伤。
- 请勿用湿手接触产品，也不可暴露于雨中。
- 勿在易燃易爆的环境中使用。
- 若需保养或维修，须由本公司或授权的维修人员进行，自行拆装可能导致触电等意外发生。
- 清洁、维修、更换保险丝、造型灯泡前，务必拔出电源线。
- 勿让儿童接触本产品。

维护保养

- 请保持灯管及造型灯泡清洁，如有污渍，可用无水酒精擦拭，不可用手直接接触。
- 更换造型灯前，必须切断电源，造型灯的规格需严格按照说明书要求选用，如超出规格使用，将会损坏本产品。
- 长时间不使用本产品时，请将电源线拔出。
- 需要存放和运输本产品时，请将造型灯取下，并将灯管保护罩安装于灯头。

各部位名称

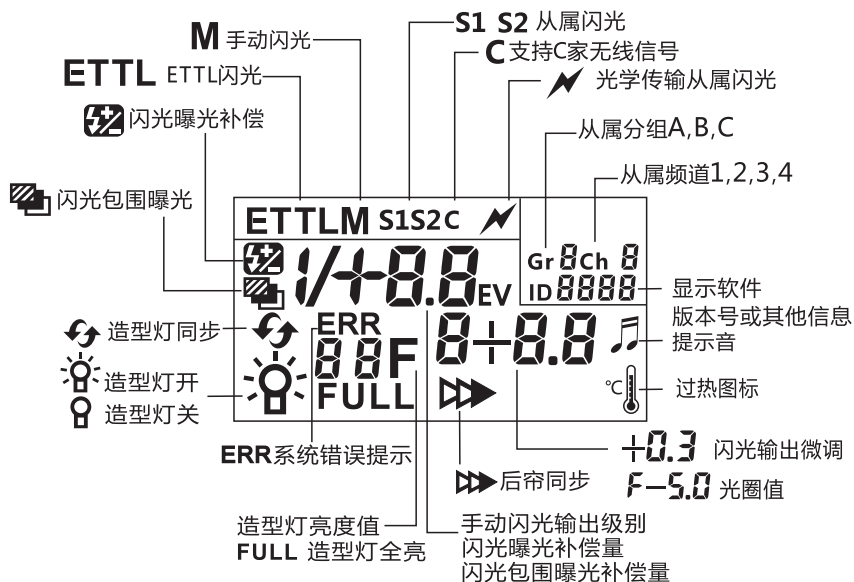


- 1)附件释放键
- 2)灯管保护罩
- 3)光控接收器
- 4)热靴插座
- 5)造型灯泡
- 6)闪光管
- 7)反光罩(选购件)
- 8)插伞孔
- 9)热靴底座接口
- 10)电源插座
- 11)LCD显示屏
- 12)闪光同步插座
- 13)USB升级接口
- 14)闪光测试键/回电指示灯
- 15)MODE模式按钮
- 16)SYNC同步按钮
- 17)无级旋钮
- 18)灯架锁紧旋钮
- 19)提手
- 20)保险丝插座
- 21)电源开关/电源指示灯
- 22)MODEL造型灯按钮
- 23)SET设置按钮
- 24)锁紧旋钮

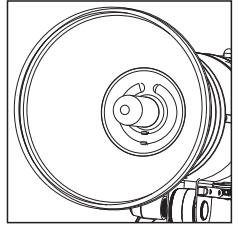
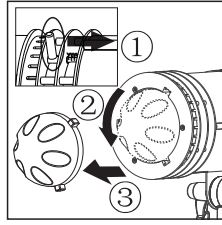
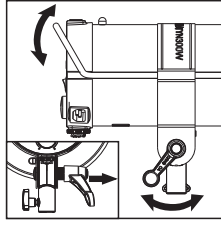
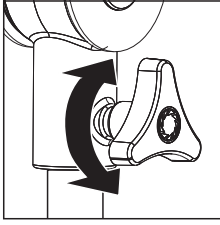
各部位名称说明

- 1)附件释放键:安装或释放灯头附件(如反光罩、灯管保护罩)的作用。
- 2)灯管保护罩:存放或运输本产品时可保护闪光灯管。
- 3)光控接收器:使用光控引闪模式下的接收器。
- 4)热靴插座:可以固定无线引闪器或其他附件。
- 5)造型灯泡:E27 150W。
- 6)闪光灯:300WS。
- 7)反光罩(选购件):反射光线。
- 8)插伞孔:安装反光伞或柔光伞。
- 9)热靴底座接口:可以安装无线ETTL引闪器或ETTL连接线。
- 10)电源插座:连接交流电源线。
- 11)LCD显示屏:显示当前工作状态,功能及闪光功率等信息。
- 12)闪光同步插座:连接引闪线与相机或无线引闪器,配合相机同步闪光。
- 13)USB升级接口:通过与电脑连接升级闪光灯固件。
- 14)闪光测试键/回电指示灯:充电时亮绿灯,充电完成亮红灯,按下该按钮测试闪光。
- 15)MODE模式按钮:闪光模式、声音提示按钮。
- 16)SYNC同步按钮:快门同步、造型灯同步设置按钮。
- 17)无级旋钮:可左右旋转或按下,快速地调节闪光灯、造型灯功率等功能。
- 18)灯架锁紧旋钮:固定灯体于灯架上。
- 19)提手:方便在布光时可以手持操作。
- 20)保险丝插座:保险丝规格:250V T6.3A。
- 21)电源开关/电源指示灯:将开关打在ON位置打开电源,电源指示灯点亮,打在OFF位置关闭。
- 22)MODEL造型灯按钮:开关造型灯、造型灯模式选择。
- 23)SET设置按钮:设置各种参数。
- 24)锁紧旋钮:调整并锁紧灯体角度。

LCD显示屏



使用前准备-固定及安装



1.固定闪光灯:

将闪光灯固定在灯架上，并旋紧灯架锁紧旋钮。

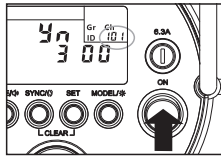
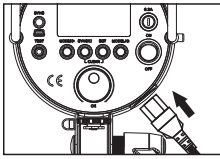
2.调整灯头角度

调整好灯体角度，锁紧旋钮。

3.安装（取出）灯头附件

按下灯头附件释放键，旋转灯管保护罩并取出，安装反光罩（选购件）。

4.安装造型灯



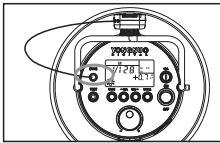
5.连接电源线

将电源线连接至电源插座。

6.开启电源

将电源开关打在ON的位置，开启电源，电源指示灯及屏幕点亮，显示屏将显示当前版本号，观察回电指示灯，绿色为正在充电，红色为充电已完成。此时闪光灯已准备就绪。

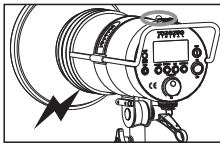
使用前准备-选择引闪方式



1).通过同步接口引闪

将引闪线插入6.35MM同步触发口，可使用相机或通用型无线引闪器同步闪光。

支持的闪光模式：M



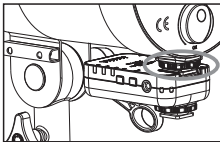
2).通过光控引闪

A:使用闪光灯同步引闪(S1,S2)，

支持的闪光模式：M

B:使用主控功能的闪光灯引闪（光学传输）。

支持的闪光模式：ETTL,M



3).通过热靴底座引闪




A:推荐使用永诺YN622C系列2.4G E-TTL无线引闪系统引闪(需另购)。

B:使用ETTL延长线(需另购)

支持的闪光模式:ETTL,M

基本操作说明

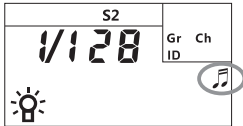
1.按钮的操作：

部件	操作
电源开关	电源开关，ON为电源开启，电源指示灯点亮，OFF位置为电源关闭。
MODE / 	短按该按钮，闪光灯将在各闪光(引闪)模式切换（ETTL/M/光学传输/S1/S2）；长按打开/关闭声音提示。
SYNC / 	短按该按钮，闪光灯将在后帘同步与前帘同步间切换。 开启造型灯功能后，长按该按钮打开/关闭造型灯同步功能。
SET	在不同模式下短按可设置不同的选项，如光学传输的频道、分组，E-TTL的曝光包围、自定义造型灯功率等。
MODEL / 	短按打开/关闭造型灯功能； 长按设置造型灯模式(比例/自定义功率)。
无级旋钮	无级旋钮，设置各种参数，往左旋转减小参数，往右旋转增加参数，按下为确认并退出设置。
测试按钮	测试闪光按钮、回电指示灯，充电时亮绿灯，充电完成亮红灯，任何时候均可按下该按钮测试闪光。

*按下任何按钮，显示屏背光将点亮数秒。

2.声音提示：

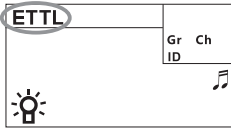
长按【MODE】按钮开启声音提示功能，闪光灯将发出不同的声音，提示其工作状态。



声响方式	含义	处理方法
滴滴	闪光灯开机；闪光完成	正常
滴-长响	闪光灯充电完成	正常
滴滴滴 滴滴滴	过热保护	暂停使用，等待过热图标消失
滴滴滴滴滴	回电异常；过压保护	重启闪光灯，如果故障不能解决，请与我们联系

使用

1.ETTL : E TTL自动闪光模式，支持曝光补偿、曝光包围、后帘同步、曝光锁定、佳能相机菜单访问等功能。

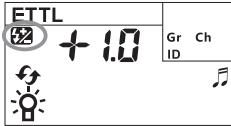


1).将闪光模式设为<ETTL>

短按【MODE】按钮，将闪光模式设为<ETTL>。

2).ETTL闪光曝光补偿

闪光灯曝光补偿范围-3-+3,可以在-3-+3档间以1/3档为增量设定闪光曝光补偿量。



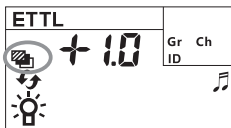
设置曝光补偿

转动【无级旋钮】设定闪光曝光补偿量。


曝光补偿

3).ETTL闪光包围曝光

闪光灯包围曝光补偿范围0-3,以1/3档为增量设定闪光包围曝光补偿量。



设置包围曝光

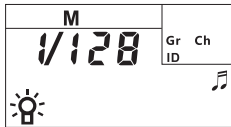
1).按【SET】按钮以显示<  >。

2).向右转动【无级旋钮】设定闪光包围曝光补偿量。

闪光包围曝光

• E TTL模式下，按【SET】按钮可以切换设置曝光补偿或曝光包围。当与闪光曝光补偿配合使用时，屏幕按闪光包围曝光顺序显示曝光补偿与曝光包围补偿的叠加值。

2.M : 手动闪光模式，闪光灯输出范围为1/128~1/1，以1/3档为调节增量。



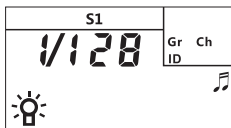
1).将闪光模式设为<M>

短按【MODE】按钮，将闪光模式设为<M>。

2).设置闪光输出

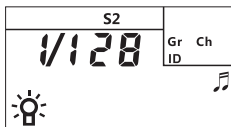
通过左右旋转按钮可以直接对闪光亮度进行调节。

3.S1/S2模式：从属闪光模式，S1/S2模式分别适合于手动闪光环境及TTL闪光环境，在这两种情况下调整输出功率与M模式一样。



短按【MODE】按钮，将闪光模式设为<S1>或<S2>。

S1模式：它会与主闪光灯的第一次闪光同时触发闪光，主闪光灯应该设置为手动闪光。



S2模式：又被称为“预闪取消模式”，它会忽略TTL闪光灯发出的的预闪，因此可以支持工作在TTL模式下的主闪光灯。

• 请注意使用S1/S2模式时应避免以下情况:主灯使用减轻红眼功能;主灯使用指令模式和无线模式。

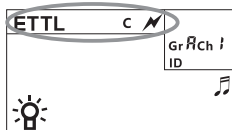
使用

4.无线从属闪光拍摄：光学传输

闪光灯支持无线从属闪光拍摄（光学传输），需要主控闪光灯具有佳能光学传输功能，闪光模式通过主控闪光灯设置。

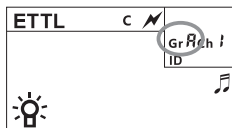
支持的闪光模式：ETTL,M;支持的通信频道：1,2,3,4；支持的分组A,B,C

支持的主控单元：YN568EX II、580EX(II)、600EX(RT)、7D/60D/600D等相机内闪、ST-E2。



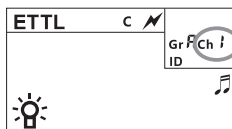
1).将闪光模式设为<⚡>光学传输。

短按【MODE】按钮直至屏幕显示闪光灯模式设为<⚡>。



2).设定分组<Gr>

短按【SET】键直至<Gr>参数闪烁，转动【无级旋钮】设定分组。



3).设定频道<Ch>

短按【SET】键直至<Ch>参数闪烁，转动【无级旋钮】设定频道。

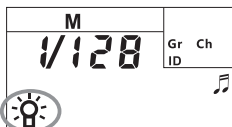
4).主控单元设置

在主控单元设置各组闪光的模式。有关主控单元的使用详情请参阅制造商说明书。

- 显示屏将在闪光完成后变化。

5.造型灯功能

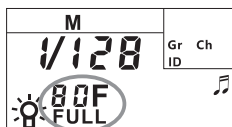
任何闪光模式均可使用造型灯功能，支持造型灯比例调节、造型灯自定义亮度、造型灯同步功能。



造型灯比例调节

1).打开造型灯

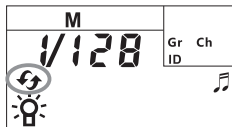
短按【MODEL】按钮打开/关闭造型灯，默认为造型灯比例调节功能，在手动闪光模式下，造型灯随闪光输出变化。



造型灯自定义功能

2).自定义造型灯亮度

长按【MODEL】按钮以显示造型灯自定义亮度，短按【SET】按钮，转动【无级旋钮】修改亮度值，亮度值范围10-80F，造型灯全亮显示FULL，修改完成按下【无级旋钮】保存并退出。



造型灯同步功能

3).造型灯同步

长按【SYNC】按钮打开造型灯同步，闪光灯闪光的同时，造型灯同步关闭，闪光回电后恢复，再长按【SYNC】按钮为造型灯常亮。

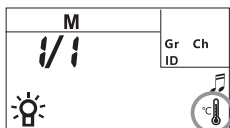
- M光学传输模式下，在相机设置闪光输出后，需预先闪光一次，造型灯的亮度才会随闪光输出成比例改变。

使用

6.过热（闪光）保护

为保障闪光灯的使用寿命，系统对闪光灯闪光次数做了一定的限制。

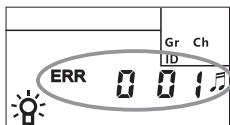
- 1).M模式全功率闪光输出，在5分钟内闪光次数超过30次，过热保护机制生效，静置5分钟后恢复正常。
- 2).ETTL模式闪光，闪光灯将会根据实际闪光输出的功率，用相应的算法计算出最大的闪光次数。
 - 启动过热保护机制时，此时闪光灯屏幕上“过热”图标一直闪烁，并伴有声音提示，闪光灯停止回电和闪光。等待“过热”图标消失后，过热保护机制解除，闪光灯恢复回电和闪光。



过热保护状态

7.过压保护

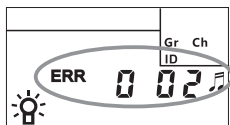
拍摄过程中，如果闪光灯内部电压过高，闪光灯将会启动过压保护机制，屏幕会显示ERR图标和错误代码0x01，此时需要重启闪光灯，如果异常未解除，请联系厂家。



过压保护状态

8.回电异常

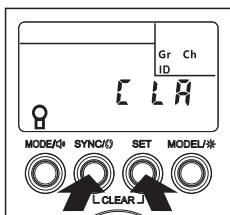
拍摄过程中，如果闪光灯回电时间超过5秒，系统定义为回电异常，屏幕会显示ERR图标和错误代码0x02，此时需要重启闪光灯，如果异常未解除，请联系厂家。



回电异常状态

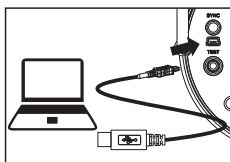
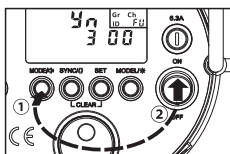
9.恢复出厂设置

同时按住【SYNC】和【SET】按钮，直至屏幕出现CLA，闪光灯恢复出厂设置。



10.USB固件升级

- 1).访问永诺官方网站:<http://www.hkyongnuo.com> 下载固件升级程序及最新固件。
- 2).关闭电源，按住【MODE】按钮的同时重新打开电源，屏幕显示进入固件升级界面。
- 3).使用USB-MINIB连接线(不含)将闪光灯与PC进行连接。
- 4).按照软件上的提示完成固件升级操作。



故障排除

1.电源指示灯不亮

检查电源插座及电源线是否连接好；检查保险丝是否完好。

2.闪光灯不闪

检查是否使用正确的引闪模式；使用同步线引闪时，检查同步线是否有松动；使用光控引闪时，主控单元应在影楼灯后，且光控接收器没有被遮挡；使用热靴底座引闪时，检查是否接触良好。

3.造型灯不亮

检查造型灯功能是否已打开；检查灯泡是否松动或已有损坏。

4.照片欠曝或过曝

检查相机设置的快门、光圈、感光度 (ISO) 是否过于接近闪光灯的极限。

规格

型号：影楼灯YN300W

闪光功率：300WS

闪光指数：ISO-100 58M

闪光色温：5500K~6700K

电源电压：AC185~265V 50Hz

保险丝：250V T6.3A

造型灯泡：E27 220V 150W

同步电压：DC3.3V

回电时间：0.1~0.6S

持续闪光时间：1/33000S~1/800S

功率调节：1/1~1/128

造型灯模式：同步模式、比例模式、自定义模式、造型灯关闭

闪光模式：ETTL、M、佳能光学传输引闪、S1、S2

外部接口：热靴、PC口、USB口

引闪方式：同步接口引闪，光控引闪，热靴底座引闪

尺寸：312×156×391MM (不含提手)

重量：3.4KG

所含物品：闪光灯(1)、造型灯泡(1)、5米电源线(1)、说明书(1)、保修卡(1)

本手册中的功能是依据本公司的测试条件获得。设计和规格如有变更，恕不另行通知。

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