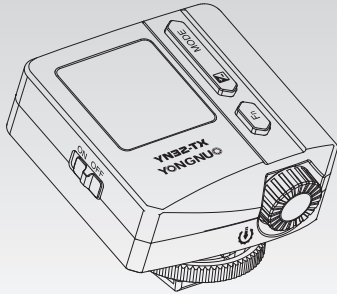


YONGNUO

# YN32-TX

## 无线引闪发射器 for S



在使用本产品之前，请通读本手册，以确保您能正确、安全使用，并保存好本手册以备将来查询参考。

### 使用注意事项

请勿让本产品淋雨或受潮，以免发生火灾或触电。  
请勿将本产品放置在极其高温或高温度的环境中。  
请勿将本产品放置于剧烈震动的地方。  
当本产品装在相机上时，请勿仅通过握持本产品进行移动相机，这可能导致故障或损坏相机。  
将本产品从寒冷的环境带到暖和的环境前，为防止湿气凝聚在本产品内部，请先将本产品放入塑料袋并排掉袋子中的空气加以密封，待本产品温度达到环境温度后再取出产品使用。  
当环境温度较低时，电池性能可能会有所降低。当出现此情况，建议配合充电宝一起使用。  
如果发生以下情况，请立即停止使用：  
● 本产品跌落或受到强烈冲击，使产品的内部裸露。  
● 产品发出奇怪的气味，发热或冒烟。  
请勿自行拆卸或维修本产品，如果产品出现异常，请致电永诺售后服务中心 400-001-3888 或发送邮件至 service@hkyongnuo.com 进行咨询。

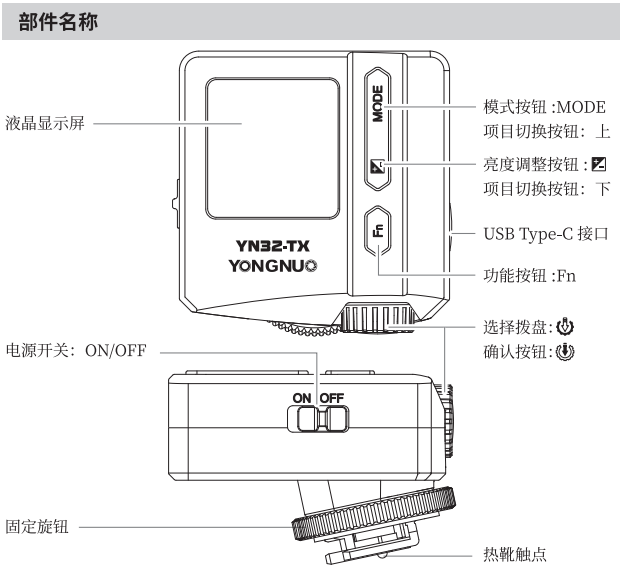
### 产品特点

- **轻巧设计，超强续航**  
本产品尺寸约为 55×58×39mm，净重仅约 68 克；内置 350mAh 高容量锂电池，支持边充电边用，持久续航。
- **兼容永诺 RF602/603 无线电引闪系统**  
全面兼容永诺 YN685EX-RF/YN650EX-RF/YN685 II/YN720/YN685/YN560 IV/YN660/YN560 III/RF603/RF602 等产品的 RF 无线电引闪信号，共有 16 个频道和 10000 个 ID\*1 可供选择，有效引闪距离可达 60 米 \*2。
- **支持多分组闪光独立控制** \*3  
具备 5 组独立分组控制能力，可实现远程控制 YN685EX-RF/YN650EX-RF/YN685 II/YN720/YN685/YN560 IV/YN660/YN560 III 等产品的闪光模式、闪光输出、焦段、频闪次数和频率。
- **支持 TTL/M/Multi/Gr 闪光模式，支持高速同步闪光功能**
- **支持电池电量实时显示，支持节电功能**
- **配备 USB Type-C 接口，支持固件升级**
- **配备高分辨率 TFT-LCD 屏幕，内置 5 种显示颜色可选。**
- **支持自动保存设置、自定义设置（C.Fn）**

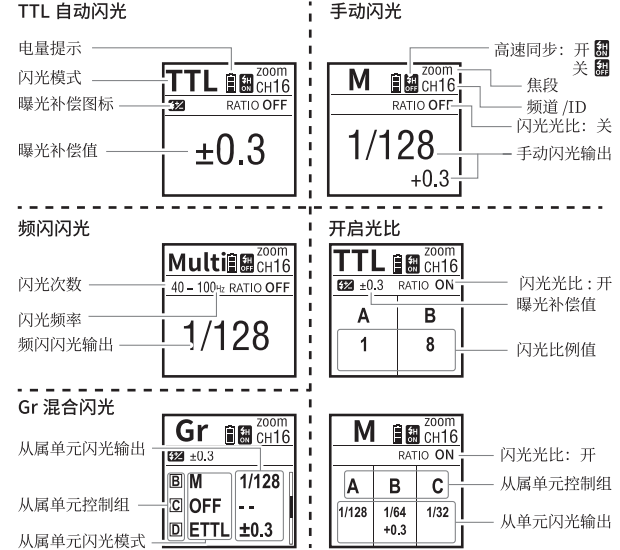
注意：  
\*1 配合不支持 ID 设置的产品使用时，请将发射器 ID 设为 0000。  
\*2 上述引闪距离适用于没有障碍物或无线电波干扰的环境。根据产品周边环境及天气状况，引闪距离可能会更短。  
\*3 此功能需从属单元支持，详见兼容列表。

### 规格参数

无线电传输	2.4GHz 频率
兼容引闪系统	永诺 RF 无线电引闪系统（RF602/603）
供电方式	内置锂电池（3.7V/350mAh）
闪光模式	TTL/M/Multi/Gr/OFF
闪光同步方式	前帘同步/后帘同步/高速同步
从单元可控分组	最多 5 组（A/B/C/D/E）
传输范围	约 60 米
频道	16 个
ID 设置	10000 个（0000~9999）
远程参数控制	闪光模式、闪光输出、焦段
液晶显示屏	TFT-LCD
USB 接口	Type-C
充电	USB Type-C 充电
尺寸	约 55*58*39mm
净重	约 68 克



### 液晶屏显示信息



### 产品拆卸与安装

- 将发射器安装到相机上**  
关闭电源，取下热靴保护盖，旋转【固定旋钮】至最高点（图①），然后将发射器的【热靴座】完全推入相机热靴（图②），转动【固定旋钮】直至锁紧（图③）。
- 拆卸发射器**  
关闭电源，旋转【固定旋钮】至最高点（图④），然后将发射器从相机热靴中推出，重新盖上热靴保护盖。

### 按钮基本操作

了解按钮基本操作，有助于您更方便快捷使用发射器。

按钮名称	操作说明
电源开关	设为 ON，开启电源。 设为 OFF，关闭电源。
功能按钮 Fn	短按【Fn】进入项目调整界面，再次短按【Fn】退出选择。 长按【Fn】进入自定义设置界面，再次长按【Fn】退出自定义设置界面。
项目切换按钮	进入项目调整界面后，短按【上】【下】可切换要设定的项目。 未选中任何参数，短按【MODE】可快速进入模式调整界面。 未选中任何参数，短按【+/-】可快速进入闪光输出调整状态。 选中某一功能项目后，转动【】调整该项目的参数设置。
选择拨盘/确认按钮	下按【】确认或保存参数设置。 在未选中任何参数时，下按【】可测试闪光

### 打开和关闭电源

将电源开关滑动至【ON】位置开启电源，滑动至【OFF】位置关闭电源。本产品设计有节电功能，当停止操作约 2 小时，将执行自动关闭电源，此时可重启电源恢复使用。



### 电量管理

本产品内置锂电池（3.7V/350mAh），可通过 USB Type-C 接口进行充电，支持边充电边使用。  
产品屏幕上有电量显示，可随时掌握电量状态。  
使用前请检查电池电量是否充足。当电量图标显示一格或闪烁时建议及时充电，以免影响工作效率。当发射器全屏仅显示低电图标时，表示电量已严重不足，此时发射器将无法继续工作。  
注意：根据使用条件和环境的不同，剩余电量显示可能存在不准确。

### 测试闪光

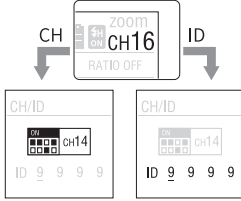
在完全退出参数调整界面后，可通过按下【】来测试引闪是否正常。

### 相机菜单访问（需相机支持）

在支持【外置闪光灯设置】的较新型相机上，可通过相机菜单来更改闪光参数，如更改闪光模式（TTL/M/Multi/Gr/OFF）、无线闪光设置、闪光同步方式、曝光补偿等。

### 设置频道 /ID

在无线引闪拍摄前，需将发射器与从属单元的 RF 信号、传输频道和 ID 设置成一致，否则无法引闪。RF 信号请通过自定义项目 Fn01 进行更改。有关从属单元的设置方法请参阅从属单元说明书。  
**发射器传输频道 /ID 设置方法如下：**  
1. 短按【Fn】按钮进入功能项目选择状态。  
2. 短按项目选择按钮【上】【下】选中频道。  
3. 按下【】进入频道、ID 设置界面。  
4. 短按【上】【下】按钮选择频道或 ID 数值。  
5. 转动【】调整频道或 ID 数值。  
6. 完成设置后，短按【Fn】退出设置界面。  
注意：不支持 ID 设置的从属单元，默认 ID 为 0000。



### 闪光模式、闪光输出、闪光光比设置

在未选中任何参数时短按【MODE】按钮进入模式调整界面，转动【】选择闪光模式：TTL/M/Multi/Gr/OFF。在未选中任何参数时，短按【+/-】按钮进入亮度输出调整状态，转动【】调整闪光补偿或闪光输出。完成设置后短按【Fn】保存并退出设置界面。  
● **TTL 闪光模式**  
相机的测光系统会侦查从主体反射回来的光线，从而自动调整闪光输出量。根据实际使用需求，还可以进行闪光补偿，补偿范围是 -3ev~+3ev。  
● **M 闪光模式**  
根据需求手动设置闪光输出量，调整范围是 1/128~1/1，支持以 1/3ev 或 1/2 作为曝光增量进行调整，共 29 级可调。  
● **MULTI 闪光模式**  
Multi 闪光模式又称频闪模式，在该模式下闪光灯将按您设置好的闪光输出、闪光频率和闪光次数进行闪光。闪光输出可调节范围是 1/128- 1/64-1/32- 1/16-1/8-1/4。  
闪光次数和闪光频率设置方法：短按【Fn】并通过【上】【下】按钮选中闪光次数或闪光频率，转动【】进行调整。闪光次数和闪光频率的可调范围是 1~100。

注意：闪光次数可调节范围将受闪光输出和闪光频率限制。  
● **GR 混合闪光模式**  
在该模式下，可以将 TTL 闪光模式和 M 闪光模式组合在一起使用。该模式最多可控制 5 组从属单元闪光及参数设置。  
● **OFF 闪光模式**  
当闪光模式设置为 OFF 时表示禁止闪光。  
● **设置闪光光比**  
在 TTL、M 和 Multi 闪光模式，将发射器 RATIO 设为 ON，则可以为三组从属单元设置不同闪光输出及不同焦段。将发射器设为 RATIO OFF，此时从属单元 A、B、C 从属单元将以相同的闪光输出进行闪光。

### 设置焦段

短按【Fn】进入项目选择状态，短按【上】【下】直至选中“ZOOM”，按下【】进入焦段调整界面，根据需将调整各组从属单元焦段。

### 节电功能

休眠：根据需求可通过自定义 Fn00 为发射器设定一个休眠倒计时，当停止操作达到时间后将自动进入休眠，此时屏幕不显示任何参数，如需唤醒请按下【】按钮。如果 Fn00 设为 OFF，发射器将关闭休眠功能。  
自动关机：无论发射器是否开启休眠功能，在停止操作或休眠满计 2 个小时后将执行自动关机以节省电量。当自动关机被激活后，需通过电源开关重启发射器恢复使用。

### 固件升级

本产品支持固件升级，可登陆永诺官网 www.hkyongnuo.com 下载最新升级软件及固件文件。使用前建议将发射器更新至最新固件以获取最佳性能及兼容性。请按如下操作步骤进行升级：  
1. 关闭发射器电源，并从相机上取下。  
2. 保持按住发射器的【Fn】按钮开机进入升级界面。  
3. 通过 USB type-C 数据线连接到电脑。  
4. 电脑上打开升级软件，并确认软件已识别到发射器。  
5. 选择要升级的固件文件。  
6. 点击软件【更新】按钮开始升级，并等待升级完成。升级完成后发射器将重启。

### 自定义功能设置

您可以根据自己的需求自定义发射器的功能。长按【Fn】按钮进入自定义界面，通过【上】【下】按钮选择项目，按下【】进入项目子选项，转动【】选择想要的设置，再次按下【】保存设置。完成自定义设置后，长按【Fn】退出自定义设置界面。

项目编号	功能项目	设置说明
0	自动休眠计时	30sec
		3min
		30min
		OFF
		RF602
1	RF 信号	RF603
		0.3EV
2	曝光等级增量	0.5EV

项目编号	功能项目	设置说明
3	字体颜色	白色
		黑色
		蓝色
		黄色
		紫色
4	对比度	-3~+3
5	清除闪光参数设置	取消 清除
6	清楚自定义设置	取消 清除
7	版本号	查看版本号

### 从属单元闪光灯兼容性列表

从属单元	闪光模式	远程控制闪光参数	高速同步
YN685EX-RF	TTL/M/Multi	支持	支持
YN650EX-RF	TTL/M/Multi	支持	支持
YN320EX	TTL/M/Multi	支持	支持
YN685 II (603 slave)	TTL/M/Multi	支持	支持
YN685 (603 slave)	M/Multi	支持	不支持
YN560Li	M/Multi	支持	不支持
YN720	M/Multi	支持	不支持
YN560 IV	M/Multi	支持	不支持
YN560 III	M/Multi	支持	不支持
YN660	M/Multi	支持	不支持
YN862	TTL/M/Multi	支持	支持
YN968C (560 slave)	TTL/M/Multi	支持	支持
YN200	TTL/M/Multi	支持	支持
YN860Li	M/Multi	支持	不支持

### 故障排除指南

- 无法开启电源。**  
请检查是否电池电量过低导致，可尝试通过 USB 先充电再开机。本产品支持边充电边使用。
- 电源自动关闭或电源开关处于 ON 状态，但无法唤醒发射器。**  
发射器的自动关闭电源功能已激活，请通过电源开关重新开机再使用。
- 从属单元不闪光。**
  - 请检查从属单元是否与发射器无线电引闪系统是否兼容，详见兼容列表。
  - 请确保发射器与从属单元的 RF 信号（602 或 603）、频道、ID 均已设为一致。
  - 请确保从属单元放置于主控单元的有效无线传输范围内。
- 发射器通过 USB 线连接电脑无法被升级软件识别。**  
请确保所用 USB Type-C 线是数据传输线而不仅是充电线。
- 固件更新失败或屏幕一直显示升级界面。**  
请断开 USB 线连接，重启设备并尝试重新升级。

本说明书电子版可在 www.hkyongnuo.com 获取  
本使用说明书中的功能是依据本公司的测试条件获得的。设计和规格如有变更，恕不另行通知。  
本说明书中的永诺（YONGNUO）徽标是深圳市永诺摄影器材股份有限公司在中国或 / 和其他国家（地区）的注册商标或商标。其他所有商标均为其各自所有者拥有。

深圳市永诺摄影器材股份有限公司  
地址：深圳市坪山区坑梓街道深福保现代光学厂区A座  
电话：(86) 0755-83762448  
传真：(86) 0755-83762765  
网址：www.hkyongnuo.com  
生产地址：深圳市坪山新区坑梓街道锦绣中路14号深福保现代光学厂区A栋厂房  
售后电话：400-001-3888

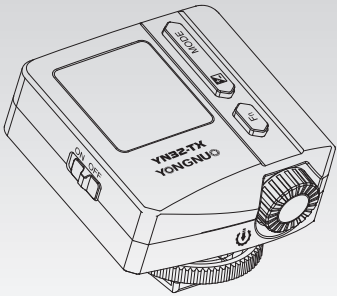




YONGNUO

# YN32-TX for S

## Wireless Flash Transmitter



Before using this product, please read this manual carefully to ensure that you can use this product properly and safely. Please keep this manual for future reference.

### Precautions for use

Do not expose this product to rain or moisture to avoid fire or electric shock. Do not place this product in an environment with extremely high temperature or high humidity. Do not place this product in a place subject to severe vibration. When the product is mounted on the camera, please do not move the camera just by holding the product, as this may cause malfunction or damage the camera. Before bringing this product from a cold environment to a warm environment, in order to prevent moisture from being condensed inside the product, please put the product in a plastic bag and drain the air in the bag to seal it. After the product temperature reaches the ambient temperature, then take out the product and use it. When the ambient temperature is low, the battery performance may be reduced. When this happens, it is recommended to use it with a power bank. If the following situations occur, stop using it immediately.

- The product is dropped or subjected to a strong impact, leaving the inside of the product exposed.
  - The product gives off strange smell, heat or smokes.
- Please do not disassemble or repair this product by yourself. If the product fails, please call Yongnuo Service Center 400-001-3888 or send an email to service@hkyongnuo.com for consultation.

### Features

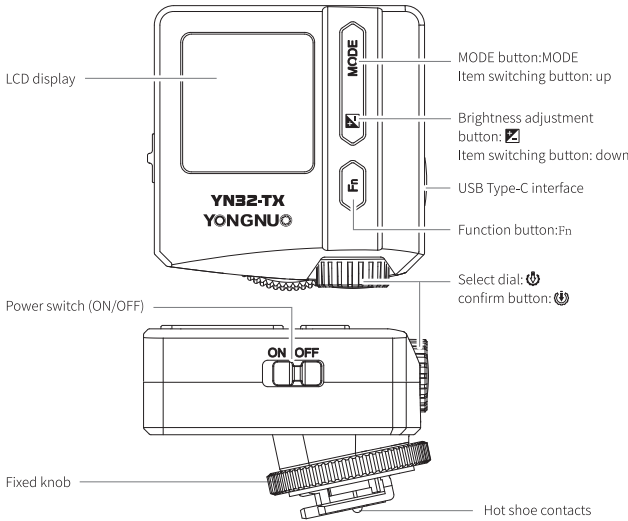
- **Lightweight Design, Long Battery Life**  
The product size is about 55\*58\*39mm, and the net weight is only about 68g. The built-in 350mAh high-capacity lithium battery supports the use of charging and has a long battery life.
- **Compatible with YONGNUO RF602/603 Radio Triggering System.**  
Fully compatible with the RF radio triggering signal of YONGNUO YN650EX-RF/YN685EX-RF/YN685II/YN720/YN685/YN560IV/YN660/YN560III/RF603/RF602, a total of 16 channels and 10,000 IDs (0000-9999) for choice, the effective triggering distance is up to 60 meters.  
Note: The above-mentioned triggering distance is applicable for the environment without obstacles or radio wave interference. Depending on the environment in which the product is used and weather conditions, the actual triggering distance might be shorter.
- When using with products which do not support ID setting, please set the ID of transmitter to be 0000.
- **Supports multi-group independent flash control**  
Supports 5-group independent grouping control, realizing remotely controlling the flash mode, flash output, focal length, stroboscopic number and frequency of products such as YN650EX-RF/YN685EX-RF/YN685II/YN720/YN685/YN560IV/YN660/YN560III.
- Note: this function needs to be supported by slave unit, please refer to the compatibility list.
- **Supports TTL/M/Multi/Gr flash mode, supports high-speed sync flash function.**
- **Supports real-time display of battery level, supports power saving function**
- **Equipped with USB Type-C interface, supports firmware upgrade.**
- **Equipped with a high-resolution TFT-LCD screen with 5 built-in font colors to choose from.**
- **Supports autosave settings, custom settings.**

### Specification

Radio Transmission	2.4GHz
Compatible Flash Trigger System	YONGNUO RF Radio Trigger System (RF602/603)
Power Supply Mode	Built-in lithium battery (3.7V/350mAh)
Flash Mode	TTL/M/Multi/Gr/OFF
Flash Sync Mode	Front-curtain sync / rear-curtain sync / high-speed sync
Slave Unit Control	Up to 5 groups (A/B/C/D/E)
Transmission Range	Approx. 60m
Channel	1~16
ID Setting	10000 (0000-9999)
Remote Parameter Control	Flash mode, flash output, focal length
LCD Display Screen	TFT-LCD
USB Interface	Type-C
Charging	USB Type-C
Dimension	Approx. 55*58*39mm
Net Weight	Approx. 68g

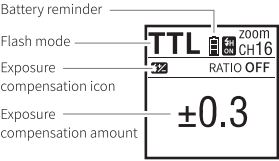
The electronic version of this manual is available at [www.hkyongnuo.com](http://www.hkyongnuo.com). The functions in this manual are obtained based on our company's test conditions. Design and specifications are subject to change without notice. The YONGNUO logo in this manual is a registered trademark or trademark of Shenzhen YONGNUO Photographic Equipment Co., Ltd. in China or/and other countries (regions). All other trademarks are owned by their respective owners.

### Components Description

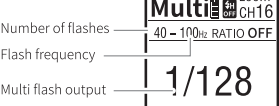


### LCD display information

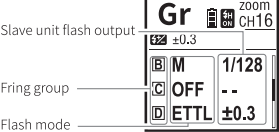
#### TTL MODE



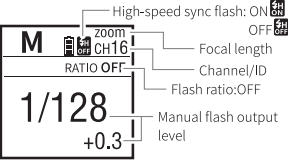
#### Multi MODE



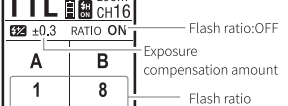
#### Gr Mix flash mode



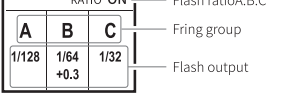
#### MANUAL MODE



#### Flash ratio

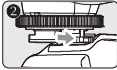
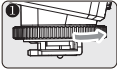


#### Flash ratio A/B/C



### Product removal and installation

- Mount the transmitter to the camera**  
Turn off the power, remove the protective cover of the hot shoe, turn the [fixed knob] to the highest point (picture ①), then push the [hot shoe holder] of the transmitter into the camera hot shoe (picture ②), and turn the [fixed knob] until it locks tight (picture ③).



- Disassemble the transmitter**  
Turn off the power, turn the [Fixed Knob] to the highest point (picture ④), then push the transmitter out of the camera's hot shoe, and cover the hot shoe protective cover again.

### Basic operation of buttons

Understanding the basic operation of the buttons will help you to use the transmitter more conveniently and quickly.

Button name	Operation description
Power switch	Set to ON to turn on the power. Set to OFF to turn off the power.
Fn	Short press [Fn] to enter the item adjustment interface, short press [Fn] again to exit this option. Long press [Fn] to enter the custom setting interface, and long press [Fn] again to exit this interface. After entering the item adjustment interface, short press [Up]/[Down] to switch the items to be set.
Item switching button	When no parameter is selected, short press [MODE] to quickly enter the mode adjustment interface. When no parameter is selected, short press [+/-] to quickly enter the flash output adjustment state.
Select dial/confirm button	After selecting a function item, turn the [Dial] to adjust the parameter settings of the item. Press [Dial] to confirm or save the parameter setting. When no parameter is selected, press [Dial] to test the flash.

### Power on and off

Slide the power switch to the [ON] position to turn on the power, and slide it to the [OFF] position to turn off the power. This product is designed with a power-saving function. When the operation is stopped for about 2 hours, the power will be automatically turned off, and you can restart the power to resume use.



### Power management

This product has a built-in lithium battery (3.7V/350mAh), which can be charged through the USB Type-C interface. The product supports charging while using. The product screen will display the battery level, and you can know the battery status at any time. Please check whether the battery power is sufficient before use. It is recommended to charge the battery in time when the battery icon shows only one bar or flashes, so as not to affect work efficiency. When the low battery icon is displayed on the full screen of the transmitter, it means that the battery of the product is seriously low, and the transmitter will not continue to work at this time.

Note: Depending on the usage conditions and environment, the remaining battery display may be inaccurate.

### Test flash

After exiting the parameter adjustment interface completely, you can test whether the flash trigger function is normal by pressing the [Dial].

### Camera menu access (need to be supported by camera)

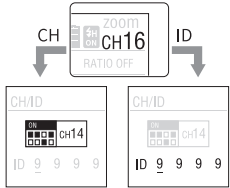
On new cameras that support [external flash settings], you can adjust the flash parameters through the camera menu, such as adjusting the flash mode (TTL/M/Multi/Gr/OFF), wireless flash settings, flash sync mode, and exposure compensation etc.

### Set channel/ID

Before wireless trigger shooting, you need to set the RF signal, transmission channel and ID of the transmitter and the slave unit to be consistent, otherwise the flash cannot be triggered. The RF signal can be changed through the custom item Fn01. For the setting method of the slave unit, please refer to the manual of the slave unit.

The setting method of the transmitter's transmission channel/ID is as follows:

- Short press the [Fn] button to enter the function item selection state.
- Short press the item selection button [up] [down] to select the channel.
- Press [Dial] down to enter the channel and ID setting interface.
- Short press the [Up] [Down] button to select channel or ID.
- Turn the [Dial] to adjust the channel or ID.
- After finishing the setting, short press [Fn] to exit the setting interface.



Note: For the slave unit that does not support ID setting, the default ID of which is 0000.

### Flash mode, flash output, flash ratio setting

When no parameter is selected, short press the [MODE] button to enter the mode adjustment interface, and turn the [Dial] to select the flash mode: TTL/ M/ Multi/Gr/OFF.

When no parameter is selected, short press the [+/-] button to enter the brightness output adjustment, and turn the [Dial] to adjust the flash compensation or flash output. After finishing the setting, short press [Fn] to save and exit the setting interface.

- **TTL FLASH MODE**  
The camera's metering system calculates the light reflected from the subject and automatically adjusts the amount of flash output. According to actual needs, you can also set the flash compensation, the compensation range is -3ev ~ +3ev.

- **M FLASH MODE**  
You can manually set the flash output, the adjustment range is 1/128~1/1, and it supports adjustment with 1/3ev or 1/2ev as the exposure increment, totally 29 levels adjustable.

- **MULTI FLASH MODE**  
Multi flash mode is also called stroboscopic mode. In this mode, the flash will fire according to the flash output power, flash frequency and number of flashes you have set. The adjustable range of flash output is 1/128-1/64-1/32-1/16-1/8-1/4.

The method of setting the number of flashes and flash frequency is as follows: Short press [Fn] and use the [Up] and [Down] buttons to select the number of flashes or flash frequency, and turn the [Dial] to adjust the parameters. The adjustable range of the number of flashes and flash frequency is 1-100.

Note: The adjustable range of flash times will be limited by flash output power and flash frequency.

- **GR MIXED FLASH MODE**  
In this mode, you can combine TTL flash mode and M flash mode. This mode can support up to 5 groups of slave flashes and parameter settings.

- **OFF FLASH MODE**  
When the flash mode is set to OFF, it will not flash.

- **SETTING FLASH RATIO**  
In TTL, M and Multi flash modes, set the transmitter RATIO to ON, and you can set different flash output power and different focal lengths for the three groups of slave units.

Set the transmitter to RATIO OFF. At this time, the slave units A, B, and C will flash with the same flash output power.

### Set focal length

Short press [Fn] to enter the item selection state, short press [up] [down] until "ZOOM" is selected, and press [Dial] down to enter the focal length adjustment interface. You can adjust the focal length of each group of slave units according to your needs.

### Power saving function

**Sleep:** You can set a sleep countdown for the transmitter by customizing Fn00. The transmitter will automatically enter sleep mode after the product has not been operated for the time you set, and the screen will not display any parameters. If you need to wake up the product, please press the [Dial] button. If Fn00 is set to OFF, the transmitter will turn off the sleep function.

**Automatic shutdown:** Regardless of whether the sleep function is enabled on the transmitter, the transmitter will automatically shutdown to save power after it has been idled or dormant for more than 2 hours. When the automatic shutdown is activated, you need to restart the transmitter through the power switch to resume use.

### Firmware Upgrade

This product supports firmware upgrade. Users can log in to YONGNUO official website [www.hkyongnuo.com](http://www.hkyongnuo.com) to download the latest upgrade software and firmware file. It is recommended to update the transmitter to the latest firmware for best performance and compatibility before use. Please follow the steps below to upgrade:

- Power off the transmitter and remove it from the camera.
- Keep pressing the [Fn] button of the transmitter to boot into the upgrade interface.
- Connect to computer via USB type-C cable
- Open the upgrade software on the computer and confirm that the software has identified the transmitter.
- Select the firmware file to be upgraded.
- Click [Update] button of the software to begin upgrading, and wait for the upgrade to complete. The transmitter will restart after the upgrade is finished.

### Custom Settings Function

You can set the functions of the transmitter according to your needs. Long press [Fn] to enter the customized interface, select the items through [UP][DOWN] button, press [Dial] to enter subitems, turn [Dial] to select the items you wanted and press [Dial] again to save the settings. After finishing the custom settings, long press [Fn] to exit the customized interface.

Items No.	Functional Items	Setting Description
0	Automatic dormant timing	30sec 3min 30min OFF
1	RF signal	RF602 RF603
2	Exposure increment	0.3EV 0.5EV
3	Font color	White Black Blue Yellow Purple

### Slave Unit Flash Compatibility List

Slave Unit	Flash Mode	Remote Control Flash Parameters	High-speed Sync
YN685EX-RF	TTL/M/Multi	support	support
YN650EX-RF	TTL/M/Multi	support	support
YN320EX	TTL/M/Multi	support	support
YN685 II (603 slave)	TTL/M/Multi	support	support
YN685 (603 slave)	M/Multi	support	Not support
YN560Li	M/Multi	support	Not support
YN720	M/Multi	support	Not support
YN560 IV	M/Multi	support	Not support
YN560 III	M/Multi	support	Not support
YN660	M/Multi	support	Not support
YN862	TTL/M/Multi	support	support
YN968C (560 slave)	TTL/M/Multi	support	support
YN200	TTL/M/Multi	support	support
YN860Li	M/Multi	support	Not support

### Troubleshooting Guide

- Unable to power on**  
Please check whether the battery level is too low. You can try to charge through USB first and then power on. This product supports charging while using.
- The power is automatically turned off or the power switch is in the ON state, but the transmitter cannot be awakened.**  
The automatic power-off function of the transmitter has been activated, please turn it on again through the power switch to use it.
- Slave unit does not flash**
  - Please check whether the slave unit is compatible with the radio triggering system of the transmitter. For details, please refer to the compatibility list.
  - Please make sure that the RF signal (602 or 603), channel, and the ID of the slave unit are all set to be consistent with those of the transmitter.
  - Please make sure that the slave unit is placed within the effective wireless transmission range of the master unit.
- The transmitter cannot be identified by the upgrade software when connected to the computer via USB cable.**  
Please make sure that the USB Type-C cable used is a data transmission cable and not just a charging cable.
- The firmware update fails or the screen keeps displaying the upgrade interface.**  
Please disconnect the USB cable, restart the device and try to upgrade again.