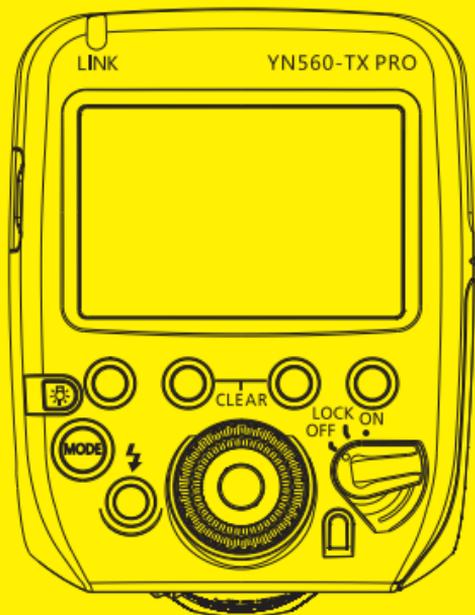


**YONGNUO**  
DIGITAL

**YN560-TX PRO**  
闪光灯信号发射器  
Speedlite Transmitter

For N



User Manual  
用户手册

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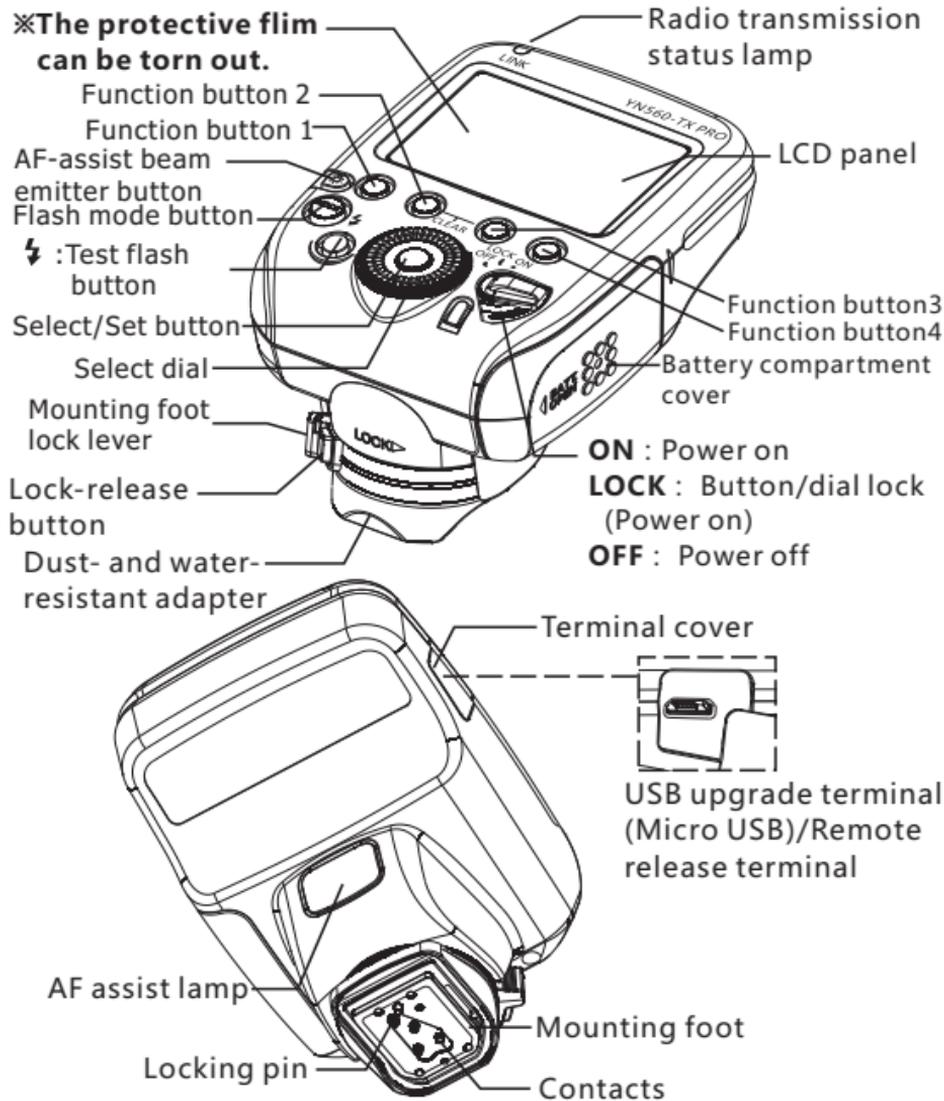
**Read this instruction manual while also referring to the instruction manuals of your camera and Speedlite.**

**Before using the transmitter, read this instruction manual and the instruction manuals of your camera and Speedlite to familiarize yourself with the operations.**

## Introduction

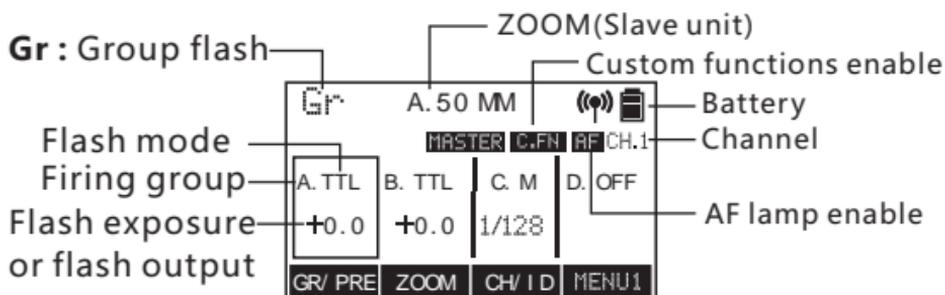
- YONGNUO YN560-TX PRO(For N) speedlite transmitter is a upgrade version based on YN560TX II, with TTL/ high speed sync functions, its radio protocol achieves cross-brand compatibility
- YN560-TX PRO (For N) can control, trigger YN200/YN862 series and the models which have been upgraded to the latest firmware such as YN968N(II)/YN968C(in 560 slave mode) to realize i-TTL/M flash, high speed sync, focal length control functions
- Compatible with radio flash and flash trigger models such as YN560III/IV/YN660/YN720/YN860Li/RF603 series /RF605 series directly, realize manual flash functions
- 16 channels, up to 10,000 customizable photographer ID, A/B/C/D/E/F 6 flash groups
- Supports front-curtain sync, rear-curtain sync, auto fp high speed sync
- 2.4G radio maximum communication distance is over 100m
- Supports remote control focal settings of slave unit flash (only for YONGNUO compatible flashes)
- Firmware can be upgraded via USB(Micro-USB)
- High resolution dot-matrix LCD, backlight for keys
- Fast lock mechanism
- Built-in AF assist beam emitter

# Nomenclature



# Nomenclature

## LCD Display



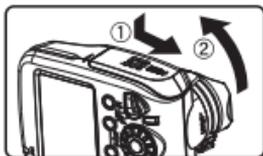
- The display will show only the settings currently applied.
- The functions displayed above function buttons 1 to 4, change according to the setting's status.
- When a button or dial is operated, the LCD panel illuminates.

## Meaning of Radio transmission status lamp

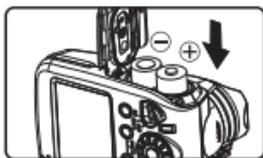
Lamp statuses	Meaning
Green light	Radio transmitting
Red light	Flash Triggng

# Preparation Before Use

## 1. Install two AA/LR6 batteries.



**1. Open the cover:** Slide the cover down as shown and open the battery compartment cover.



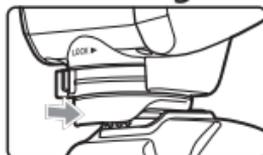
**2. Install two AA batteries:** Install two AA batteries according to the + and - marks, rechargeable batteries of 1.2V can be used.



**3. Close the battery:** Close the battery Compartment cover and slide it up.

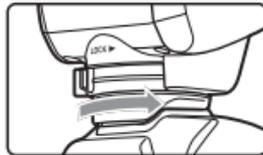
- Remove the batteries when the product is not used for long time. Please replace the both two batteries at the same time.
- When  is displayed, replace the batteries with new ones.

## 2. Attaching and Detaching the Transmitter



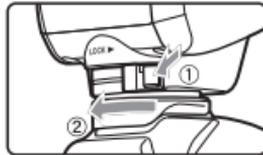
**1. Attach the transmitter.**

Slip the transmitter's mounting foot all the way into the camera's hot shoe.



**2. Secure the transmitter.**

On the mounting foot, slide the lock lever to the right. When the lock lever clicks in place, it will be locked.



**3. Detach the transmitter.**

While pressing the lock-release button, slide the lock lever to the left and detach the transmitter.

- Before attaching or detaching the transmitter, be sure to turn the transmitter power off.

## Preparation Before Use

### 3. Turning on the Power: Set the power switch to <ON>.



- The LCD panel illuminates.
- During wireless shooting, press the transmitter's test flash button to fire a test flash.

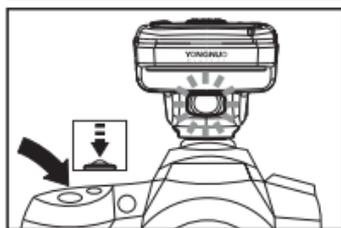
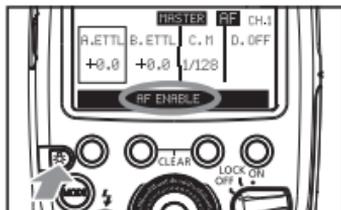
### About the Lock Function

By setting the power switch to <LOCK>, you can disable flash's button and dial operations. Use this to prevent the transmitter function settings from being accidentally changed after you set them. If you operate a button or dial,

### AF Assist Beam Emitter

When using AF under low-light, the built-in AF-assist beam emitter of the speedlite transmitter will be emitted automatically to make it easier to autofocus.

- Long press [] AF assist beam emitter button for quick turn on/off AF assist beam emitter.
- It needs using single autofocus for the lens.
- Enable or disable the AF assist Beam Emitter function through the speedlite transmitter custom function.



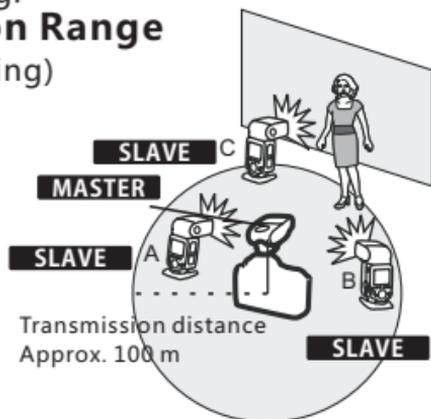
## Wireless Setting

Using a transmitter and a Speedlite compatible with radio transmission wireless shooting makes it easy to shoot with advanced wireless multiple flash lighting, in the same way as normal TTL autoflash shooting.

### Positioning and Operation Range

(Example of wireless flash shooting)

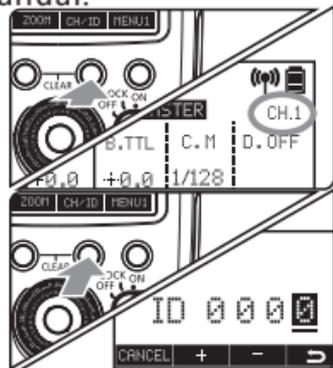
- Before shooting, perform a test flash and test shooting.
- The transmission distance may be shorter depending on the conditions such as the positioning of slave units, the surrounding environment and weather conditions.



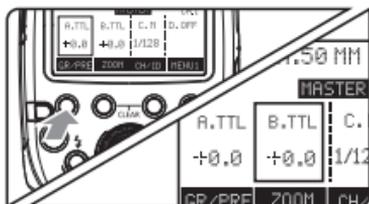
**Set the same channel/ID for both the master unit and slave unit.**

Set a flash that is compatible with radio transmission wireless flash shooting as the slave unit. For the slave unit settings, see the flash' s instruction manual.

- Short press function button <CH/ID>, turn <⊙> to select channel from Ch1 to 16.
- Long press function button <CH/ID>, press <⊙> and rotate <⊙> to set ID, you can set 0000-9999, totally 10,000 ID, if the slave unit does not support ID setting, please set the ID to default 0000.

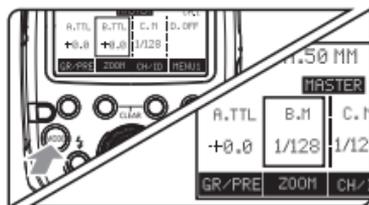


# Wireless Flash Shooting



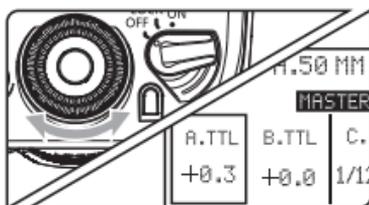
## 1. Flash Group Setting

• When <MENU1> is displayed, short press function button <GR/PRE> to select next flash group, long press this button to select previous flash group. Supports 6 groups(A/B/C/D/E/F).



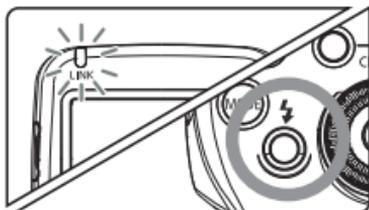
## 2. Flash Mode Setting

• Press <MODE> button to set to <TTL> or <M> flash mode, <OFF> to turn off the flash of selected group.



## 3. Set the flash output or flash exposure compensation amount.

• When using the <TTL> mode, Turn <⊙> set the flash exposure compensation amount as required.  
• When using the <M> mode, turn <⊙> to set the flash output.



## 4. Test flash & Take the picture.

• Press the master unit's test flash button. The slave unit flashes. Then take the picture.

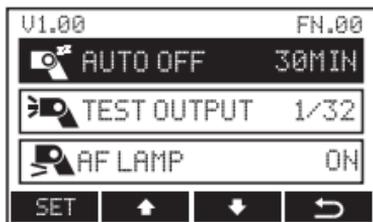
# Wireless Flash Shooting

## About the YN560-TX PRO (For N)compatiability list

Receiver ( Speedlite )	Channel	Group Function	TTL Flash	Manual Flash	ZOOM Setting
YN862C	CH1-CH16	Support	Support	support(Flash out put can be adjusted from YN560-TX PRO)	Support
YN968C YN968N (II) (560 Slave mode)	CH1-CH16	Support	Support*	support(Flash out put can be adjusted from YN560-TX PRO)	Support
YN200	CH1-CH16	Support	Support	support(Flash out put can be adjusted from YN560-TX PRO)	Do not support
YN560III/IV YN860Li YN720/YN660	CH1-CH16	Support	Do not support	support(Flash out put can be adjusted from YN560-TX PRO)	Support
YN685 Series (603 Slave mode)	CH1-CH16	Support	Support*	support(Flash out put can be adjusted from YN560-TX PRO)	Support*
YN622N II (603-RX mode)	CH1-CH7	Support (Group A/B/C)	Do not support	support(Need to set the flash out put on the speedlite)	Do not support
RF605 Series	CH1-CH16	Support Do not support	Do not support	support(Need to set the flash out put on the speedlite)	Do not support
RF603(II) Series RF602-RX	CH1-CH16	support (all group can fire )	Do not support	support(Need to set the flash out put on the speedlite)	Do not support

**\*Need to upgrade the latest firmware from YONGNUO website.**

## C.Fn: Setting Custom Functions



Press the function button **<C.FN>** under **MENU2** to enter the custom function. Turn  or press the **<↑>** **<↓>** button to select the item to be set, and press  to enter the setting. Press **<SET>** button to make a quick setting. Press the **<↵>** button to return to the main menu.

### C.Fn-00: (Auto off)

When the transmitter is not operated, the power turns off automatically to save energy. You can disable this function.

**0: OFF (Disabled)**

**1:30Min**

**2:45Min**

**3:60Min**

### C.Fn-01: TEST output

You can change the flash output when firing the TTL test flash.

**0: 1/32 (1/32); 1: 1/1 (Full output)**

## C.Fn: Setting Custom Functions

### C.Fn-02: ( AF Lamp )

**0:ON (Enabled)**

**1:OFF(Disabled)** The AF-assist beam is not fired from the speedlite transmitter.

### C.Fn-03: (Backlit)

When a button or dial is operated, the LCD panel illuminates. You can change this illumination setting.

**0: 12sec**

**1: OFF**

**2: ON (Illumination always on)**

### C.Fn-04: (LCD Contrast)

**0-9: Select LCD contrast**

### C.Fn-05: (RF Compat)

**0:RF602**(Please set to this mode when YN560-TX PRO is used with RF602-RX receiver).

**1:RF603(default)**

## Reference

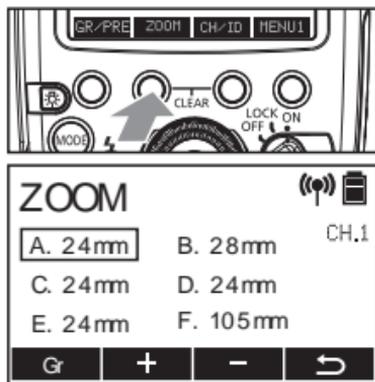
### 1. Shutter sync setting

You can use front-curtain sync, rear-curtain sync or auto FP high speed sync. Refer to the camera's setting. Using high-speed sync need to set the camera to "AUTO FP". The relevant icons will be displayed on the LCD(FP). The maximum sync speed is 1/8000s or 1/4000s (depends on the camera). Some models of camera does not support auto FP, the shutter speed will be limited to 1/250s or less when using this kind of camera.

### 2. Focal length (Zoom) setting

Supports for remotely setting compatible radio slave flash\* focal lengths.

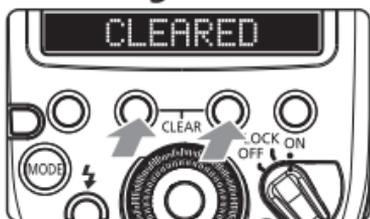
- Press the function button <**ZOOM**> to enter the focus length setting interface.
- Press the function button <**GR**> button to switch the group, turn <> or press the <+><-> button to set the focal lengths, and the slave flash group focus will be changed. Press the <> button to return to the shooting interface.



**\*Please refer to the compatibility list(Page 8)**

## Reference

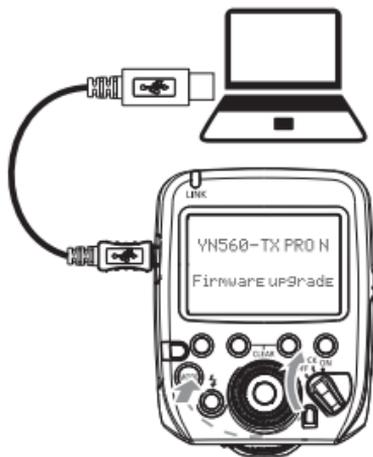
### 3. Clearing Transmitter Settings



Press function buttons 2 and 3 simultaneously for 2 seconds or longer, the transmitter settings are cleared.

### 4. Firmware Update

1. Log in the YONGNUO official website ([www.hkyongnuo.com](http://www.hkyongnuo.com)) to download the firmware update software and the latest firmware.
2. Power off, use USB-Micro cable (do not include) connect to PC.
3. Press the <MODE> button and set the power switch to <ON>, the screen will enter into firmware upgrade interface.
4. Complete the firmware upgrade operation according to the prompt of software.



## Troubleshooting Guide

### **Power does not turn on.**

- Make sure that the batteries are installed in the correct orientation.
- Insert the mounting foot into the camera's hot shoe all the way, slide the lock lever to the right, and secure the transmitter to the camera.
- If the electrical contacts of the transmitter and camera are dirty, clean the contacts.

### **The power turns off by itself.**

- The transmitter's auto power off function has activated. Press the shutter button halfway, or press the test flash button.

### **The slave unit does not fire.**

- Check that the slave unit supports radio transmission wireless flash shooting.
- Set the transmission channels and wireless radio IDs of the master unit and slave unit to the same numbers.
- Check that the slave unit is within the transmission range of the master unit.

### **Unable to use the AF assist beam emitter.**

- Check the custom function C.Fn02.

### **Firmware update failed or the screen display the firmware upgrade interface all along.**

- Disconnect, restart the equipment and try again.

## Specifications

Type:	2.4G On-camera Speedlite transmitter
Flash mode:	Gr flash(TTL/M)
Channel:	Ch1 - 16
ID:	0000-9999
Slave unit control:	Up to 6 groups (A/B/C/D/E/F)
Transmission distance:	Approx. 100 m
High-speed sync:	Provided
Manual flash:	1/1 - 1/128 power (1/3-stop increments)
AF assist Beam Emitter:	Provided
Firmware update:	Provided
Power source:	2 AA/LR6 alkaline batteries Ni-MH batteries
Dimensions:	Approx. 67.7x 66.7x 81.3mm
Weight:	Approx. 110 g (transmitter only, excluding batteries)

**The functions of this user manual are based on test conditions of our company. Further notice will not be given if the design and specifications change.**

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