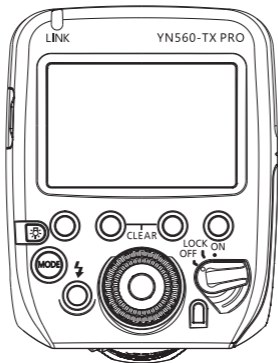


YONGNUO
DIGITAL

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

For C



User Manual
用户手册

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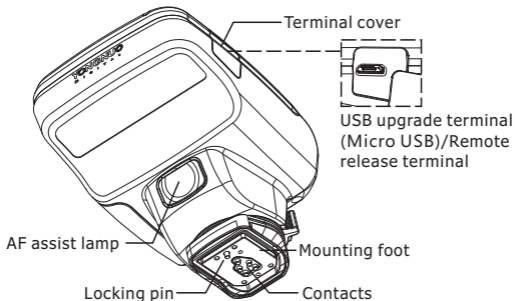
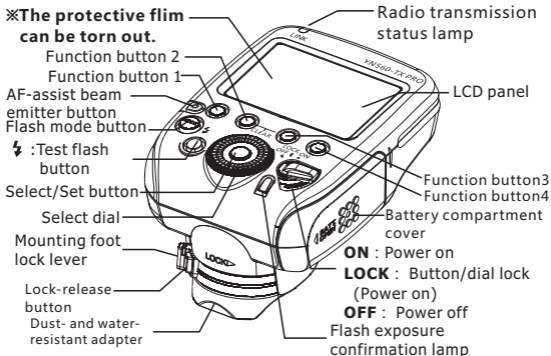
Read this instruction manual while also referring to the instruction manuals of your camera and Speedlite.

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

Introduction

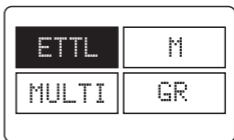
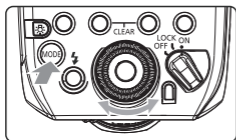
- YONGNUO YN560-TX PRO speedlite transmitter is a upgrade version based on YN560TX II, with TTL/ high speed sync functions, its radio protocol achieves cross-brand compatibility.
- YN560-TX PRO can control, trigger YN200/YN862 series and the models which have been upgraded to the latest firmware such as YN622C(N) II/YN685/YN968C/YN968N(II) (in 560RX mode) to realize ETTL/M/Multi flash, high speed sync, focal length control functions.
- Compatible with radio flash and flash trigger models such as YONGNUO YN560III/IV/YN660/YN720/YN860Li/RF603 series /RF605 series directly, realize M/Multi flash functions.
- 16 channels, up to 10,000 customizable photographer ID, A/B/C/D/E 5 flash groups
- Fully supports ETTL/M/Multi/GR flash mode.
- Supports front-curtain sync, second curtain sync(M mode),high speed sync
- Supports ETTL ratio, flash exposure compensation, flash exposure Lock, flash exposure bracketing, modeling flash functions.
- 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

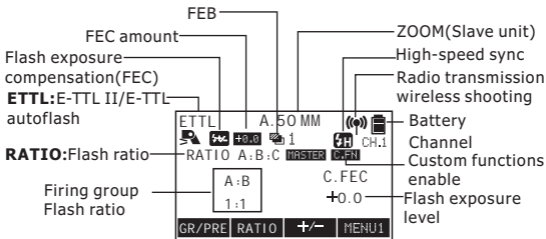


Nomenclature

Press <MODE> on the master unit and turn the dial to set flash mode.



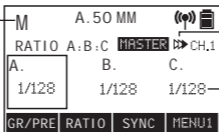
E-TTL (II) Autoflash



Nomenclature

Manual flash

M : Manual Flash



Manual Flash 2nd curtain sync

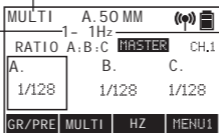
Manual flash output

Multi(stroboscopic) flash

MULTI:

Multi flash

Number of flashes



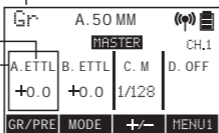
Flash frequency

Group firing

Gr : Group flash

Flash mode

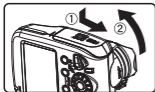
Firing group



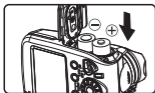
- The display will show only the settings currently applied.
- The functions displayed above function buttons 1 to 4, change according to the setting's status.
- When a button or dial is operated, the LCD panel illuminates.

Preparation Before Use

1. Install two AA/LR6 batteries.

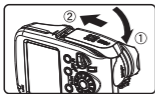



1. Open the cover: Slide the cover down as shown and open the battery compartment cover.



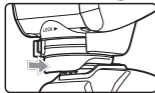
2. Install two AA batteries: Install two AA batteries according to the + and - marks, rechargeable batteries of 1.2V can be used.

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



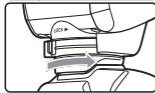
- **Remove the batteries when the product is not used for long time. Please replace the both two batteries at the same time.**
- **When  is displayed, replace the batteries with new ones.**

2. Attaching and Detaching the Transmitter



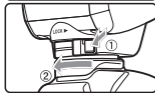
1. Attach the transmitter.

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.



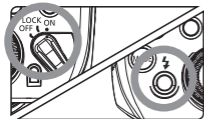
3. Detach the transmitter.

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.

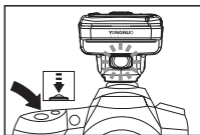
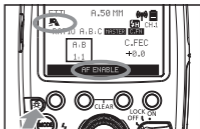
About the Lock Function

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, <LOCKED> is displayed on the LCD panel.

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 camera menu custom function or speedlite transmitter custom function.



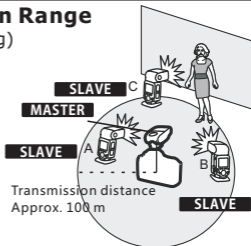
Wireless Settings

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 **E-TTL II/E-TTL** autoflash shooting.

Positioning and Operation Range




(Example of wireless flash shooting)

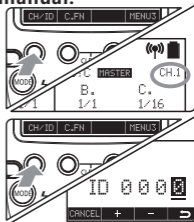
- Before shooting, perform a test flash and test shooting.
- The transmission distance may be shorter depending on the conditions such as the positioning of slave units, the surrounding environment and weather conditions.



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

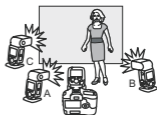
Set a flash that is compatible with radio transmission wireless flash shooting as the slave unit. **For the slave unit settings, see the flash' s instruction manual.**

- Short press function button 1 <**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.

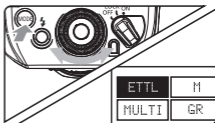


Wireless Flash Shooting

1. Position the camera and the flash. Set the flash as the slave unit A, B or C. The flash will not fire if it is set to D or E.



2. Press the <MODE> button on the master unit, turn <MODE> to select the flash mode to <ETTL>.



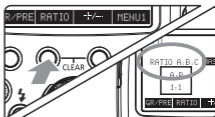
3. Press function button <RATIO> and set the groups to fire.

• The setting changes as follows each time you press the button:

ALL(RATIO OFF)→

A/B(RATIO A:B)→

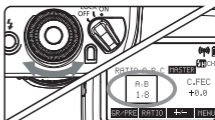
A/B/C(RATIO A:B:C)



4. Set the flash ratio.

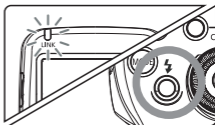
• Press function button <GR/PRM>.

• Turn <MODE> to set the flash ratio or the flash exposure.



5. Test flash & Take the picture.

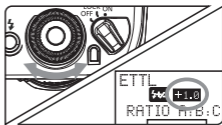
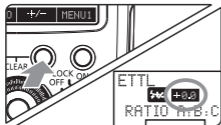
• Press the master unit's test flash button. The slave unit flashes. Then take the picture.



ETTL:Fully Automatic Wireless Flash Shooting

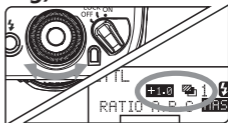
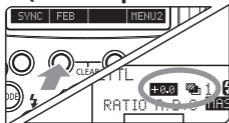
Support 1/3-stop increments to set FEC/FEB within ± 3 .

FEC (Flash Exposure Compensation)



- 1.Press function button 4 to display **<MENU1>**. Press function button 2 **< +/- >**. **< +/- >** is displayed and the FEC amount is highlighted.
 - 2.Turn **< [wheel] >** to set the flash exposure compensation amount, and press **< [wheel] >**. The FEC amount is set.
- **To cancel FEC, return the amount to "±0".**

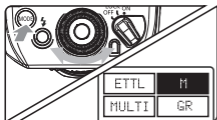
FEB (Flash Exposure Bracketing)



- 1.Press function button 4 to display **<MENU1>**. Press function button **< FEB >**. **< [bracketing icon] >** is displayed and the FEB level display is highlighted.
 - 2.Turn **< [wheel] >** to set the FEB level, and press **< [wheel] >**. The FEB level is set.
- **When used together with flash exposure compensation, FEB shooting is performed based on the flash exposure compensation amount.**

M: Wireless Multiple Flash Shooting with Manual Flash Output

You can shoot with a different flash output setting for each slave unit(firing group).



1. Set the flash mode to <M>.

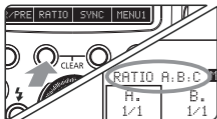
2. Set the number of firing groups.

- Press function button <RATIO> and set the groups to fire.
- The setting changes as follows each time you press the button:

ALL(<RATIO OFF>)→

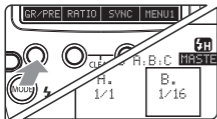
A/B(<RATIO A:B>)→

A/B/C(<RATIO A:B:C>)



3. Select a firing group.

- Press function button <GR/PRE>, select the group for which you want to set the flash output.



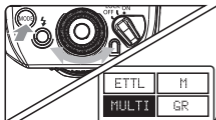
4. Set the flash output.

- Turn <⊙> to set the flash output.
- Repeat steps 3 and 4 to set the flash output of all groups.

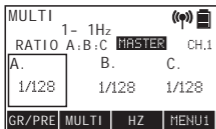
- When ALL <RATIO OFF> is set, set A, B or C as the firing group for the slave units. The flash will not fire if it is set to D or E.
- To fire multiple slave units with the same flash output, select ALL <RATIO OFF> in step 2.

MULTI: Stroboscopic Flash


In stroboscopic flash, set the flash output, number of flashes, and flash frequency (number of flashes per second = Hz).

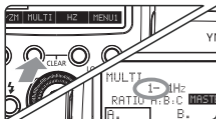


1. Set the flash mode to <MULTI>.







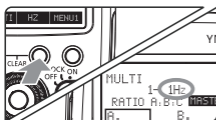
2. Set the firing groups and the flash output.

- Press function button <GR/PRE>, select the group for which you want to set the flash output. Turn <  > to set the flash output.

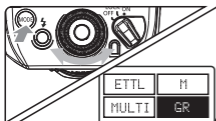


3. Set the flash frequency and the number of flashes.

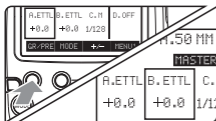
- While <MENU1> is displayed, perform the following procedure.
- To set the number of flashes, press function button <MULTI>, turn <  > and select <  >.
- To set the flash frequency, press function button <HZ>, turn <  > and select <  >.



Gr: Shooting with a Different Flash Mode for Each Group

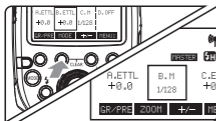


1. Set the flash mode to <Gr>.

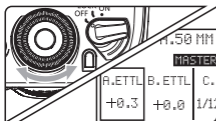


2. Flash Group and Mode Setting

- When <MENU1> is displayed, short press function button 1<GR/PRE> to select next flash group, long press this button to select previous flash group. Supports 5 groups(A/B/C/D/E).



- Press <MODE> button to set to <ETTL> or <M> flash mode, <OFF> to turn off the flash of selected group



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

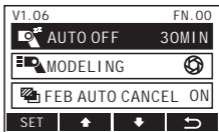
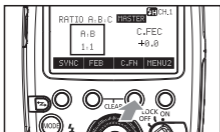
- When using the <ETTL> mode, Turn <⊙> set the flash exposure compensation amount as required.
- When using the <M> mode, turn <⊙> to set the flash output.
- Press function button <+/-> and turn <⊙>, flash exposure compensation can be set for all the firing groups.






About the YN560-TX PRO compatiability list(Spedlite/Receiver)

Receiver (Speedlite)	Channel	Group Function	TTL Flash	Manual Flash	ZOOM Setting
YN862C	CH1-CH16	Support	Support	support(Flash output can be adjusted from YN560-TX PRO)	Support
YN968C YN968N (II) (560 SLAVE)	CH1-CH16	Support	Support*	support(Flash output can be adjusted from YN560-TX PRO)	Support
YN200	CH1-CH16	Support	Support	support(Flash output can be adjusted from YN560-TX PRO)	Do not support
YN560III/IV YN860Li YN720/YN660	CH1-CH16	Support	Do not support	support(Flash output can be adjusted from YN560-TX PRO)	Support
YN685 (RF 603 SLAVE)	CH1-CH16	Support	Support*	support(Flash output can be adjusted from YN560-TX PRO)	Support
YN622C(N) II (560-RX)	CH1-CH7	Support (Group A/B/C)	Support*	support(Flash output can be adjusted from YN560-TX PRO)	Support
RF605 Series	CH1-CH16	Support Do not support	Do not support	support(Need to set the flash output 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 output on the speedlite)	Do not support

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

C.Fn: Setting Custom Functions



Press and hold the function button <C.FN> 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 for 5 min., the power turns off automatically to save energy. You can disable this function.

0: OFF (Disabled);1:30Min;2:45Min;3:60Min

FN.01: Modeling (Modeling flash)

0:  (Enabled (Depth-of-field preview button))

1:  (Enabled (Test firing button))

2:  /  (Enabled (with both buttons))

3: OFF (Disables the modeling flash.)

C.Fn-02: (FEB auto cancel)

You can set whether or not to cancel FEB automatically after shooting three shots with FEB.

0: ON (Enabled);1: OFF (Disabled)

C.Fn: Setting Custom Functions

C.Fn-03: (FEB order)

You can change the order of the FEB sequence, 0: Standard exposure, -:Decreased exposure (darker) and +: Increased exposure (brighter).

0: 0 → - → + **1: -** → 0 → +

C.Fn-04: TEST output

You can change the flash output when firing the test flash in E TTL mode.

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

C.Fn-05: (AF Lamp)

0:ON (Enabled)

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

C.Fn-06: (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-07: (LCD Contrast)

0-9: Select LCD contrast

C.Fn-08: (RF Compat)

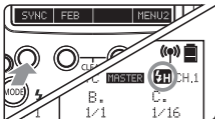
0:RF602(Please set to this mode when YN560-TX PRO is used with RF602-RX receiver)

1:RF603(default)



Reference

1. Shutter sync setting

You can use 1st curtain Sync, high-speed Sync, or 2nd curtain sync .





• Press function button <**SYNC**> and set the shutter sync. The setting changes as follows each time you press the button:

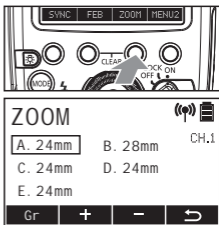
-  :High-speed Sync
-  :2nd Curtain Sync
- (no icon):1st Curtain Sync

- **The 2nd curtain sync can be used in manual flash only.**
- **When using the 2nd curtain sync , wireless settings and other parameters recommend using the speedlite transmitter settings.**

2.Focal length (Zoom)setting

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

- Press the function button <**ZOOM**> to enter the focus 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.

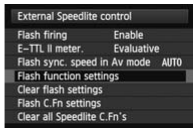
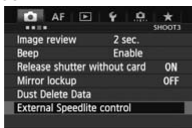


***Please refer to the compatibility list**

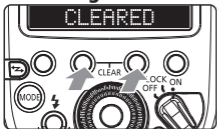
Reference

3. Transmitter Control from Camera's Menu Screen

When using EOS digital cameras released since 2007, you can set flash functions, transmitter functions or Custom Functions from the camera's menu screen. See the camera's instruction manual.



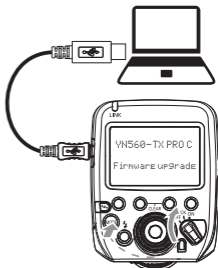
4. Clearing Transmitter Settings



Press function buttons 2 and 3 simultaneously for 2 seconds or longer. The transmitter settings are cleared and the shooting mode returns to <GR> flash mode.

5. Firmware Update

1. Log in the YONGNUO official website (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.Fn05.

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
Exposure control system:	E-TTL II/E-TTL Autoflash, Manual flash, Multi flash, Gr flash
Channel:	Ch1 - 16
ID:	0000-9999
Slave unit control:	Up to 5 groups (A/B/C/D/E)
Transmission distance:	Approx. 100 m
Flash ratio control:	1:8 - 1:1 - 8:1, 1/2-stop increments Flash exposure
FEC:	±3 stops in 1/3- increments
High-speed sync:	Provided
Manual flash:	1/1 - 1/128 power (1/3-stop increments)
Stroboscopic flash:	Provided (1 - 500 Hz)
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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