

YONGNUO
DIGITAL

YN560-TX
Manual Flash Controller



User Manual

1.Features

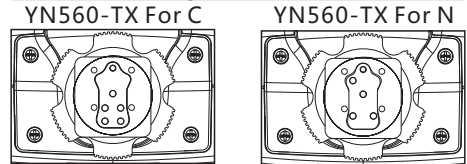
- Supports all the YONGNUO YN560 III Flashes Released since January of 2013
- Two Flash Modes: M/Multi
- Remote control of Flash Output and Zoom per group, up to 6 groups.
- Compatible with RF602/RF603/RF603 II
- 16 Channels
- Large and Clear Screen, User Friendly Interface.
- Transmission Range: 100 Meters.
- Wireless Shutter Receiver of RF603/RF603 II

❖ Please activate the group function of YN560-III with YN560-TX before use, and then remote control the flash mode (flash output) and zoom setup of each group with this controller YN560-TX. It's no need to operate directly on the flash. The flash screen will synchronously display the parameter which is set on the corresponding group of the controller.

2. Cautions

- Before this product is connected or installed, please turn off the power of all the associated equipment.
- Keep this product dry. Do not touch it with wet hands, and do not immerse it into water or expose it in the rain. If not, it may work abnormally or damaged.
- Do not use this product in inflammable and explosive places. If not, it may cause fire or explosion.
- This product involves batteries. Refers to the use of batteries, please strictly comply with relevant regulations. If not, it may cause property damage or personally injury.

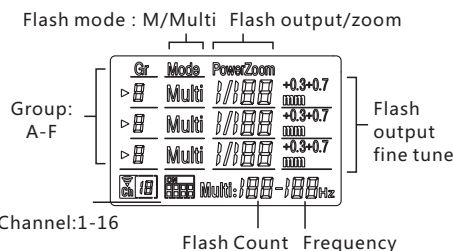
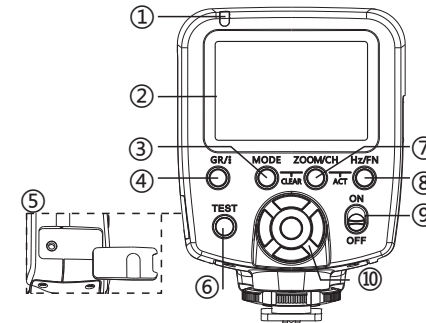
3.Model Description



More suitable for Canon cameras More suitable for Nikon cameras

- When this controller is used for non-dedicated cameras, it won't support waking the flash up from the camera, and the triggering function will be unrestricted.

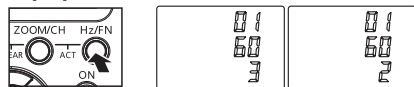
4.Parts and Explanations



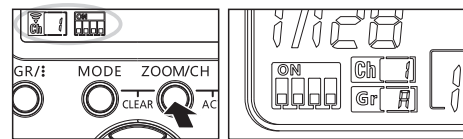
- ① **Status indicator light:** Green light when waking up (focusing); red light when triggering (shutter).
- ② **Display screen:** Displays the current functions status clearly and visually.
- ③ **MODE:** To set flash modes (M/Multi/- -).
- ④ **GR/:** To elect groups (A/B/C/D/E/F).
- ⑤ **Interface for shutter release:** To implement wireless shutter release function with a shutter release cable connected.
- ⑥ **Test button/Power indicator light:** When turns on the power, the power indicator light will light on; press this button to test flash.
- ⑦ **Zoom/CH:** Short press this button to adjust zoom settings (24-105MM); long press this button to set channels (1-16).
- ⑧ **Hz/FN:** short press this button to adjust multi flash count or multi flash frequency; long press this button to set communication modes (RF602/RF603).
- ⑨ **Power switch:** ON/OFF.
- ⑩ **Select/Setup button group:** To set various parameter, [LEFT] button is to reduce, [RIGHT] button is to increase, [UP] button or [DOWN] button is to fine tune, and [OK] button in the middle is to confirm.

5.Preparation

- 1).Install two AA batteries.
- 2).Install this controller on the hot-shoe of the camera.
- 3).Turn on the power, and the power indicator light will light.
- 4).Communication mode (RF602/RF603) setup: Long press [Hz/FN] button, the screen will display the current communication mode of the transceiver this controller is compatible with. The communication mode can be set as RF602 or RF603. Press [OK] button to save and exit.

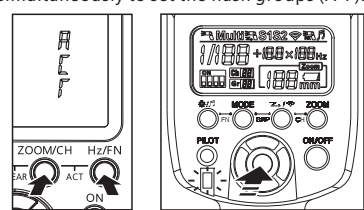


- 5).Channel setup: Long press [ZOOM/CH] button, when the channel and simulative channel switch on the LCD blink, set this controller and the flash in the same channel. When use this controller with RF602/RF603/RF603II transceiver, the channel switch state of the transceiver should be set into the same as the simulative channel switch.



6. Activate Group Function of YN560 III

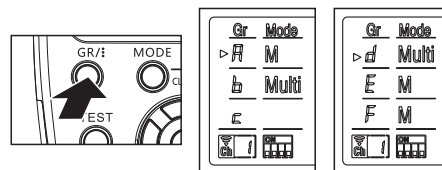
- 1).**Set communication mode and channel:** Set YN560 III as RX slave flash mode, and set its communication mode (RF602/RF603)and channel same as YN560-TX.
- 2).**Activate group function of the flash:** Press [ZOOM/CH] button and [Hz/FN] button on the controller simultaneously, the controller will display ACT (ACTIVATE); when the display screen of the flash displays as shown in the picture, press [OK] button on the flash, the group function of YN560 III will be activated.
- 3).**Set flash groups:** Press [MODE] button and [TRIG MODE] button on the flash simultaneously to set the flash groups (A-F).



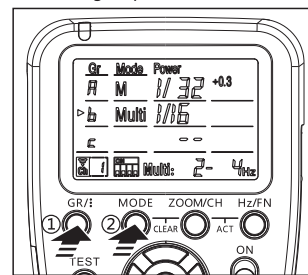
- After group function of YN560III is activated, the display screen of the flash will synchronously display the parameter which is set on the corresponding group of the controller.

7.Set Group and Flash Mode

- 1). Long pressing [GR/:] button to switch the page of A/B/C group or the page of D/E/F group.



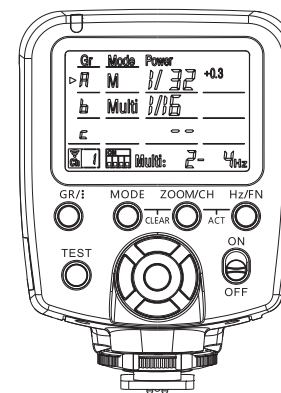
- 2). Short pressing [GR/:] button: ①select groups, then press [MODE] button; ② the flash mode will be switched between M, Multi or - - (- - means flash is disabled of the group).



8. Set Flash Output of the Current Group

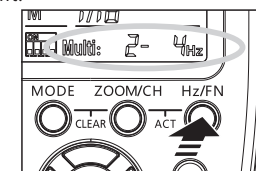
- M mode:** Adjust the flash output of the current group from 1/128 to 1/1 by pressing [RIGHT] button or [LEFT] button; fine tune the flash output (+0.3, +0.7) by pressing [UP] button or [DOWN] button.

- Multi Mode:** Adjustment range of flash output is 1/128-1/4.



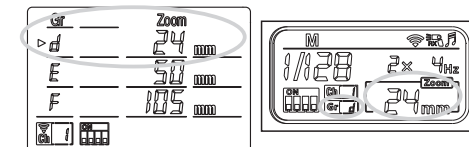
9.Multi Flash Frequency & Flash Count

In Multi mode, short press [Hz/FN] button to select and set multi flash frequency and multi flash count.



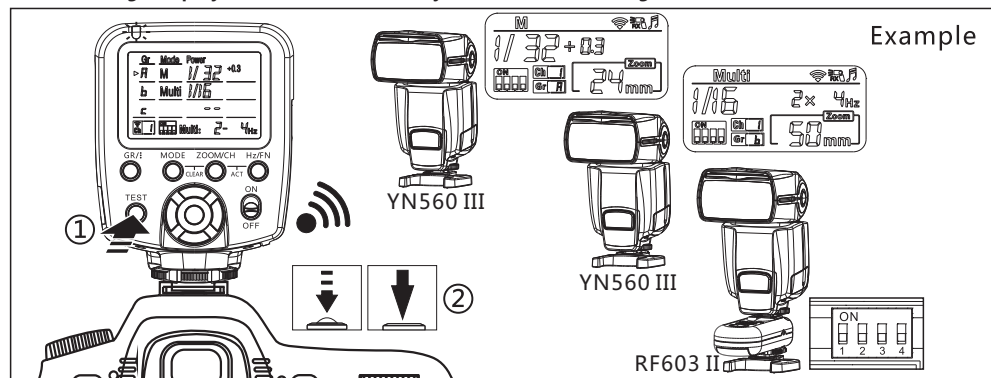
10. Set Zoom for Each Group

Enter the zoom setup mode by short pressing [ZOOM/CH] button (setting range is 24-105MM), then save the settings and exit by short pressing [ZOOM/CH] button or [OK] button.



11.Wireless Triggering Function

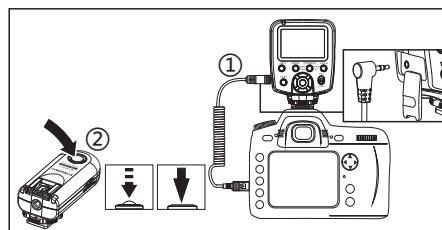
- 1). **Test flash** Press [TEST] button on this controller to test flash.
 - 2). **Shoot with YN560-TX(Wireless Triggering)** When half pressing shutter release button on the camera, this controller will give a wake-up signal, the signal indicator light of this controller turns green and the signal indicator light of the flash turns blue. When full pressing shutter release button on the camera, Yn560 III will flash according to the mode (flash output) set on YN560-TX controller and the signal indicator lights of this controller and the flash turn red; when triggering RF602/RF603/RF603II, the flash output should be adjusted manually on the flash.
- The settings displayed on the flash are subject to the final settings set on the flash or this controller.



12.Wireless Shutter Receiver Function

This controller supports using RF603/RF603 II transceiver which set in the same channel to wireless remote control shutter.

- 1).As shown in the picture, connect this controller to the camera shutter socket with a shutter cable(LS-2.5 series).
- 2).The camera will focus when you half press the multifunction button on the transceiver in hands, and the focusing indicator light will light (green); the camera will shoot when you full press the multifunction button, and the shutter indicator light will light (red).



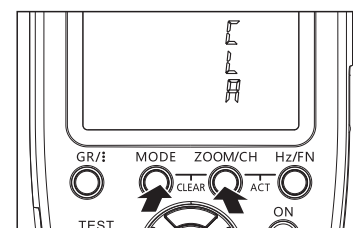
- Flash on the transceiver can be triggered synchronously.
- RF603 II should be set in "TRX" state.

13.Troubleshooting Guide

- 1.**The flash can't be triggered.**
 - 1).Check if the communication mode of this controller is set into the same mode as the flash (transceiver).
 - 2).Check if the channel of this controller is set into the same channel as the flash (transceiver).
2. **The flash groups of YN560 III can't be set.** Re-activate the flash group of YN560 III with YN560-TX.

14.Restore Factory Settings

Press [MODE] button and [ZOOM/CH] button simultaneously till CLA (CLEAR) appeared on the display screen to restore factory settings of this controller.



15.Specification

Product Type: FSK 2.4G wireless controller
Distance: 100M
Wireless Channel: 16
Flash Mode: M/Multi
Group Control: A/B/C/D/E/F
Zoom Range: 24-105MM
Shutter Interface: 2.5mm shutter interface
Battery Type: AA*2
Stand-by Time: 120 hours
Dimensions: 70mm*97.5mm*43mm
Net Weight: 98g

The functions of this 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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FCC ID: 2ACYPYN560-TX

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.