

SHANNY

SN600-RT

Speedlite For Canon



INSTRUCTION MANUAL

Normal set-top camera flash, press [MODE] to switch to E TTL/M/MULTI mode.



On-camera E TTL flash

Zm/C.Fn
Short press this button to set the changes of focal length changes, automatic zoom, or manually zoom 20 ~ 200 mm. Long press [Zm/C.Fn] is used to set custom functions, you can define flash function according to the demand. Such as sleep, auxiliary focus lamp, prompt, backlight, etc, select to set up project, press the corresponding button to set the 0/1/2 required functionality. In C.Fn 24, press the CLEAR to restore the default settings. [System Restore] option is restarting the system,Press [S.R] button can be restore factory settings.



+/- FEB

Press [+/-] button to set the flash exposure compensation (-3EV ~ +3EV) or brightness output (1/128 ~ 1/1), FEB to set the bracket exposure. Function adjustment is according to the current mode, based on the screen display.

A Zoom

Automatic zoom, flash zoom position can be back and forth with the change of the focal length of the lens. (20 ~ 200 mm)

SYNC

Sync shutter settings button, can switch to High speed sync, Rear sync and Front-curtain sync.  is for High Speed,  for Rear Sync, and Front-curtain sync is the default invisible. All flash mode of sync is set up in the same way.

Operate [] to set the flash to SLAVE unit.

Warning

- ① As the product has high-voltage components, please don't disassemble it by yourself. You can contact our after-sales service or sent it to the repair station if repair is needed.
- ② Please keep the product dry and away from wet hands. It cannot be immersed into water or exposed to rain or else it may fail to function.
- ③ The product is related to battery. As for battery's usage and management, please refer to the corresponding operationspecifications.
- ④ Don't violently strike or shake the product, it may lead to product failure.
- ⑤ Please don't flash it at close range directly to human eyes (especially infants' and young children's), otherwise it may damage the eyes or cause blindness.
- ⑥ Please don't place this product in the car in which it will be under direct sunlight, as the temperature in these places will be very high, which is likely to cause damage to components.
- ⑦ Please don't use the flash where there are flammable gases, otherwise it may lead to gas explosion.

SN600C-RT New Functions

① **Build-in 2.4G RT module:** Cooperate with SN-E3-RT/ 600EX-RT/ST-E3-RT master control to 2.4G radio shoot.

② **The set-top E TTL flash:** Install it on the Canon camera to achieve automatic flash photography.

③ **S1/S2 optical trigger:** Optical trigger S1/S2 ,support high-speed sync 1/8000s.

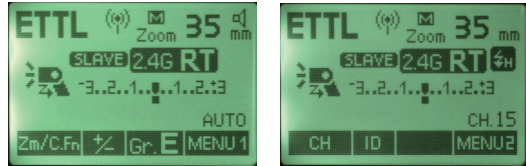
④ Autofocus auxiliary functions.

⑤ Automatic zoom function, flash zoom position can be back and forth with the change of the focal length of the lens.

⑥ Supporting the access to the Canon menu.

Thank you very much for buying Shanny products.

Please read the instruction manual carefully before you install the SN600C-RT on your camera, in order to achieve fully function of the flash and the camera. After the installation of SN600C-RT to SLR camera, you can setthe function by access to the camera menu, or by manual control.



SLAVE 2.4G RT



SLAVE S1

SLAVE S2

[Zm/C.Fn], [+/-], [CH] set focal length/custom functions, exposure compensation and telecommunication channels.

SLAVE 2.4G RT

It means can be compatible CANON 2.4G RT system, master control unit can choose SN-E3-RT/600EX-RT/ ST-E3-RT, supports 5 groups A/B/C/D/E,15 channels and 10000 ID numbers.

CH

Channel button,Press the [CH]button,cooperate the dial can switch to AUTO, CH.01--CH.15. Channel setting, master unit and slave unit need to be set the same channel.


ID

Press this button can be set to ID0000-9999. Press [ID] button,then operate [SEL/SET] button,set the radio ID number, it only can be triggered when the master unit and slave unit's ID are same.


Gr.E

Press this button to set the flash group A/B/C/D/E.

SLAVE S1/S2

S1/S2 optical trigger, the master flash can adopt the set-top camera M , TTL, mode. S1/S2 mode's brightness can be manually set by the button of [+/-], brightness range is 1/128 ~ 1/1. S1、S2 optical trigger mode can support High-speed sync. Press [SYNC] to set high-speed sync <  >.

Quick Guide

① **2.4G radio flash:** Press [] button to install SN600C-RT to [SLAVE 2.4G RT], it means radio off-camera flash,Master control unit use SN-E3-RT or 600EX-RT,ST-E3-RT ,install the CH and ID ,2.4G radio flash can be realized.

② **Automatic flash:** Set the flash to E TTL mode, can fully automatic flash photography.

③ **The set-top flash:** Press [MODE], switch to E TTL, M, MULTI mode, the installed camera can be triggered flash.

④ **S1/S2 optical trigger:** Press []button set the SN600C-RT to SLAVE S1/SLAVE S2,use M,TTL mode to trigger.

⑤ **High-speed sync:** Press [SYNC] or through camera menu to set high speed sync, your camera can use any shutter speed.

⑥ **Auto Zoom:** Set A Zoom, flash zoom position can be back and forth with the change of the focal length of the lens (20 ~ 200 mm).

Special Explanation

① SN600C-RT off-camera ,support CANON RT system flashes, other third-party RT system flashes. Off-camera RT wireless flash and on-camera used, full support E TTL functions.

②ALL off-camera mode, SLAVE 2.4G RT/SLAVE S1/SLAVE S2 support high speed sync flash.

Precautions about the continuous flash

①To prevent degradation and damage of the flash head caused by overheating, please do not continuously flash it for more than 20 times. After 20 times, cool it at least for 10 minutes.

②If you use it more than 20 times in a row to continue with a short interval repeated flash, the security function may be activated to limit the flash. In the restriction period, the recycling time is automatically extended. If that happens, please cool the flash for at least 15 minutes.

Normal set-top camera flash, press [MODE] to switch to E TTL/M/MULTI mode.



E TTL LCD panel displaying this icon indicates that the current flash mode is E TTL. The camera and the flash can manage automatic metering to ensure the correct exposure, thus to make the subject and the background get balanced exposure. In E TTL mode, you can set the flash exposure compensation and Bracket Exposure in range of -3EV ~ +3EV, with an increment of 1/3 gear.

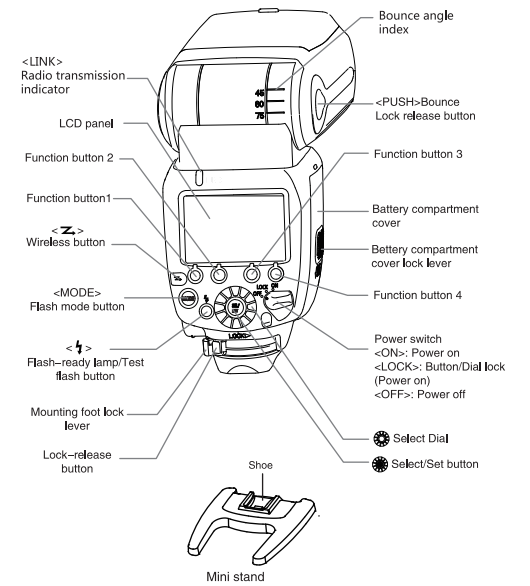
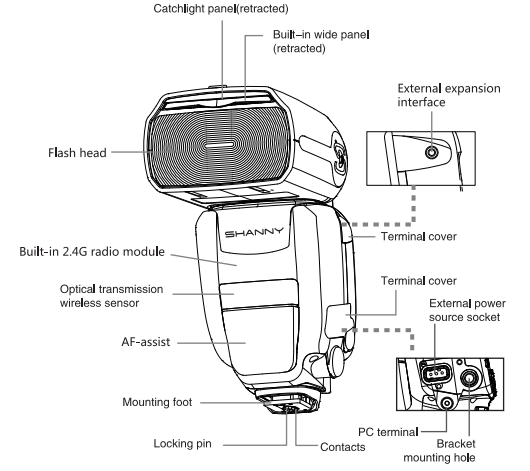


M LCD panel displaying this icon indicates that the current flash mode is M, which means setting the flash output manually. Setting range is 1/128 ~ 1/1, with an increment of 1/3 gear. Rotate the dial to the right or left to add or subtract.



MULTI LCD panel displaying this icon indicates that the current flash mode is MULTI, stroboscopic mode, which means using slow shutter to frequency flash light. It can shoot multiple continuous motions in one photo similar to animation shooting. You can set the flash output, guide number and flash frequency in stroboscopic flash mode.

Component



A communication icon, indicates that the camera and the flash connect normally.

Support the access to the menu of Canon camera

SN600C-RT flash can control flash mode, zoom, power output exposure compensation, exposure bracketing, shutter sync and etc by the setting menu of the camera (only support the cameras which have access to flash menu). **Attention:** The exposure compensation set by the flash will cover that set by the camera.

PC Port

For flash sync cable connecting with camera or trigger.

Baffle board

Bounce Flash, by moving the flash head towards the wall or the ceiling, the flash will bounce off the surface before illuminating the subject, which can soften shadows behind the subject for a more natured-looking shot. When use it, pull out the baffle board and Wide Angle dispersion plate together, then push back the Wide Angle dispersion plate to use the baffle board.

Flash head rotation

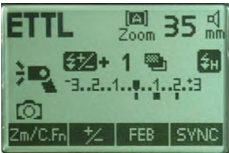
Flash head can be rotated up and down, left and right. Up/down from - 7 to 90 degrees, left/right from 0 to 180 degrees.

Overheating warning

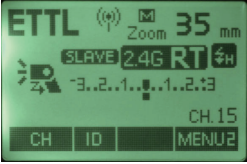
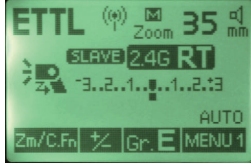
If the flash continuously works at short intervals, flash head temperature will rise and activate the "overheating" warning function. At this time the LCD panel will display [overheating] and lock the flash. Please cool the flash for more than 10 minutes.

Main Display Interface

On-camera E TTL: Mount the camera for automatic flash photography



2.4G radio wireless flash: Compatible SN-E3-RT and 600EX-RT, ST-E3-RT radio signal.



Off-camera light trigger (S1/S2): Use set-top camera M, TTL trigger mode, support high-speed sync.



Preparations


Battery installation: Install four *5 (AA) batteries According to the following steps to install the battery



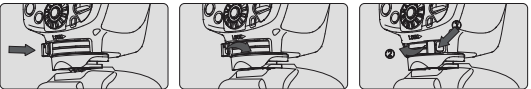
According to the instructions of battery, ensure the batteries' "+" and "-" contact towards the right direction.

Specification Parameters

Guide number: GN60 (ISO100 , 200mm)
Wireless Flash: 2.4G RT wireless radio, optical trigger S1/S2
Flash mode: E TTL, M, MULTI
Zoom range: AUTO, 20 ~ 200mm (When using wide angle dispersion plate is 14 mm)
High speed sync: 1/8000s
Slave flash: Radio SLAVE 2.4G RT, optical trigger S1/S2
Shutter synchronization: High Speed Sync, Front-curtain Sync and Rear Sync
Flash exposure compensation: Support (with an increment of 1/3 gear in +/-3 gear)
Bracket exposure: Support
Flash exposure lock: Support
Modeling flash: Support
AF assist-focus: Support
Manual flash: 1/128~1/1 (with an increment of 1/3 gear)
Frequency flash: 1 ~ 199Hz
Recycle time: Quick flash less than 2s, ordinary flash less than 3s
Wireless transmission distance: About 30m
Wireless transmission channels: AUTO, CH.01 ~ CH.15
Flash groups: Support for A/B/C/D/E groups
Wireless radio ID: 0000 to 9999
Power supply: 4×AAsize batteries (Alkaline or Ni-MH is usable)
External interface: Hot-shoe, PC synchronous interface, external charging interface , USB upgrade interface
Battery life: Flash 100 ~ 700 times
Measurement: 79.7 (L) ×142.9 (W) ×125.4 (H) mm
Net weight: About 420g (not including batteries)

Batteries can be very hot if replacing them after continuously flashing. When it displays <  >, please replace new batteries. Please use 4 batteries of the same brand. When replace them, please replace four. You can also use (AA/LR6) rechargeable hydrogen (Ni - MH) cells.

Install or remove the flash




Please press the lock release button before install or remove the flash. After the installation, please lock the quick lock key, in case the flash would fall off.

Function Brief

SEL/SET

This option button can be horizontally rotated to adjust the parameters of flash, the right-hand rotation to increase set parameters, while the left-hand to reduce.



[] can switch flash trigger mode, including set-top ordinary flash/ SLAVE 2.4G RT/SLAVE S1 /SLAVE S2.

MODE

[MODE] is flash mode button, to set the flash mode, it can be set as auto-flash E TTL, manual flash, frequency flash MULTI mode.

The content of this manual is formulated according to Shanny's internal test standards. If there are any changes in regard to product design and specifications, please understand there is no prior notice.



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