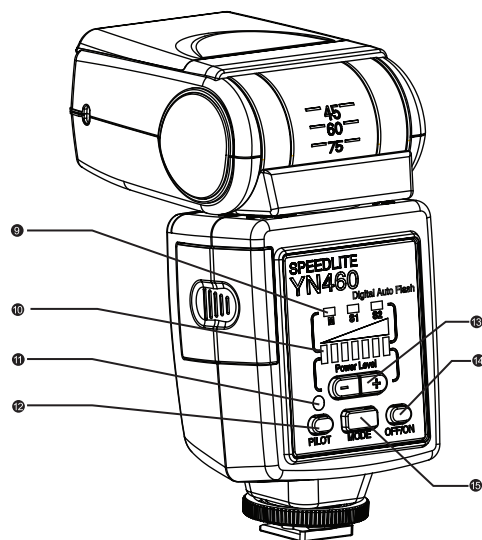


# SPEEDLITE YN460

## INSTRUCTION MANUAL

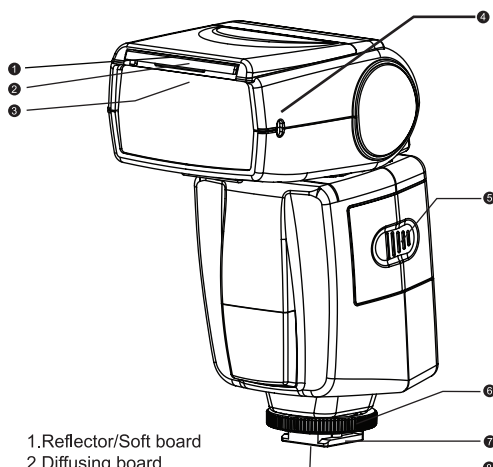


- 1.Reflector/Soft board
- 2.Diffusing board
- 3.Optic control sensor
- 4.Flash head
- 5.Battery cover
- 6.Lock ring
- 7.Hot shoe mount
- 8.Connect point

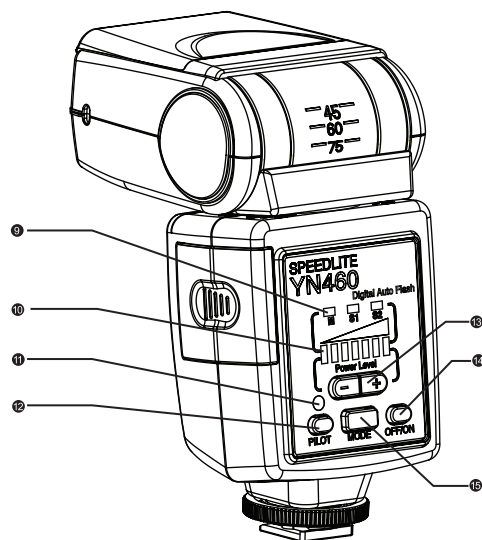


- 9.Mode select indicator
- 10.Output level indicator
- 11.Charging indicator
- 12.Test button
- 13.Flash power level button
- 14.Power switch
- 15.Mode select button

## Nomenclature



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- 2.Diffusing board
- 3.Optic control sensor
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Before operating the product, please read this manual thoroughly and retain it for future reference.

## Warning

To reduce fire or shock hazard, do not expose the unit to rain or moisture.

Tape over lithium battery contacts to avoid short-circuit when disposing of batteries, and follow local regulations for battery disposal.

Keep batteries or things that could be swallowed away from young children. Contact a doctor immediately if an object is swallowed.

Remove all the batteries if not use for a long period.

Immediately remove the batteries and discontinue use if...

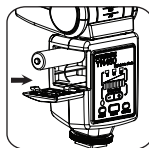
The product is dropped or subjected to an impact in which the interior is exposed.

The product emits a strange smell, heat, or smoke.

Do not disassemble. Electric shock may occur if a high voltage circuit inside the product is touched.

## Installing batteries

- Open the battery cover  
Slide open the battery cover in the direction of the arrow.
- Install batteries  
Insert the batteries as the +/- marks shown in the batteries chamber
- Close the cover  
Slide the cover to close it, in the direction of the arrow.



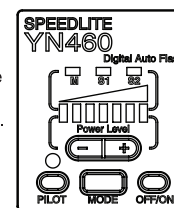
## Install and remove the flash light

- Install the flash light  
Follow the arrow direction to release the hot shoe area.
- Mount the flash light into the camera's hot shoe.
- Removing the flash light  
Please release the lock ring to the top, and then remove the flash light from camera's hot shoe.
- Mount the flash light into the camera's hot shoe (for sony version only).
- Fix the flash light on camera through the clamp of the hot shoe (for sony version only).
- Remove the flash light, please press the button of the hot shoe, and then remove the flash light from camera's hot shoe (for sony version only).



## Turn on the flash light power

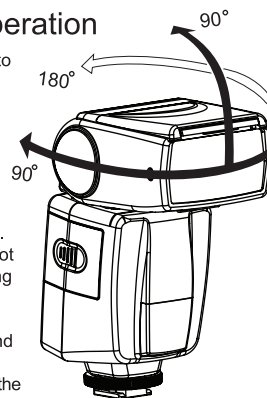
- Press the power switch down for 2 seconds. Flash light start to operate.
- If the charging indicator is always red, charged time more than 60s the indicator still show green, please replace the batteries with new ones.
  - Check the flash light status  
The flash light is ready when the indicator is green
  - To test the flash light, please press the test button
  - To turn off the flash unit, press the off/on switch down for 2 seconds.



## Bounce flash operation

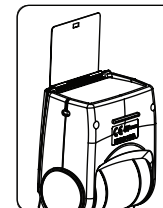
Set the flash head faces to wall or ceiling, that will make the bright reflect to the subject. This can soften the light on the subject and the shadow fade out.

1. The flash head can turn as the picture shown.
- \* The reflect bright may not work, if the wall and ceiling are too far away.  
\* The wall or ceiling is preferred to flat surface and white color. There may be some deviation color, if the reflector surface is not white.



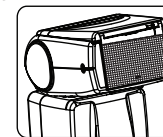
## Using soft board

- The diffusing board makes the flash light soften and creates a sharp color effect on the subject.
- Pull out the diffusing board and soft board, press down the diffusing board, then follow the 5. Reflector board step.



## Using of diffusing board

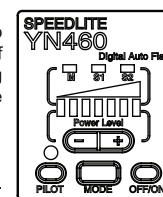
- Pull out the diffusing board to place on the flash window. The flash range is up to 18MM.
- Please return the soft board when you pulled out the diffusing board. (Please also return the diffusing board when not use it.)



## Manual mode

In some occasions, you may need to use the manual to exposure instead of automatic. You can set the flash setting to manual mode, and choose the exposure flash power level between 1/1 to 1/64.

1. Select to "M" mode ("M" light will on)
2. Also the left power level light is on. Output is 1/64. Press "+" to select the output from left to right, "-" to select the output from right to left.



3. Your selected output will be saved until the power is off.
4. Camera setting: TV(CANON) / S, A or M mode.
5. Set the F-stop and the shutter speed, point to subject and press the shutter.

## Optic control the flash

YN460 has an optic control function for a slave unit. Provide 2 difference slave mode for create the multiple light effect from the various directions.

Slave 1: YN460 follows to the pre-flash system. Set the main flash light to TTL mode.

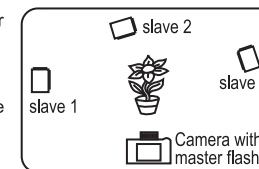
Slave 2: YN460 follows the traditional single flash system. Set the main flash light to manual mode. This mode is also suitable for the standard flash light in the market.

1. Main Flash light setting:  
Please mount the flash light on the camera and turn the power on, or turn on the built-in flash.

2. Optic mode setting  
Press the Mode button to S1 or S2 mode  
The first light of power level is 1/64, press "+" to select power to upward of 1/64→1/32→1/16→1/8→1/4→1/2→1/1. Press "-" to select power to downward.  
The power which you are selected will be memorized until the flash light is power off.

## Optic control using method

1. Use the built-in or external flash to be master flash.
2. Set YN460 at any place.
3. The master flash can be reflected the bright through the wall when use indoor; therefore there is more space for set the slave flash.
4. Please test the YN460 before use is for slave flash.



\* Please do not put any barrier between the master and slave flash, the barrier will block the optic signal.

\* The stand-by mode is over 30mins, it automatically to power saving mode when using the optic control mode.

## Specification

Flash index:	33
Circuit design:	IGBT
Up/down ward angle:	-7~90 degree
Left/right angle:	0~270 degree
Power Source:	4 X AA size batteries (Alkaline or Ni-MH are usable)
Battery Life:	100 - 1500 times (with alkaline batteries)
Recycle Time:	5 sec (with alkaline batteries)
Color Temperature:	5600K
Flash Duration:	1/800S - 1/20000S
Flash adjustment:	7 difference flash power level ( 1/1, 1/2, 1/4, 1/8, 1/16, 1/32, 1/64 )
Power Saving:	Auto power off after 60 minutes in stand-by mode.
Dimensions:	72X135X85mm
Weight:	250g
Pack included:	Flash light 1pc, protector bag 1pc, mini stand 1pc, instruction manual 1pc.

This manual content is followed the test form Yongnuo company.

Design and specification subject to change without notice.

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