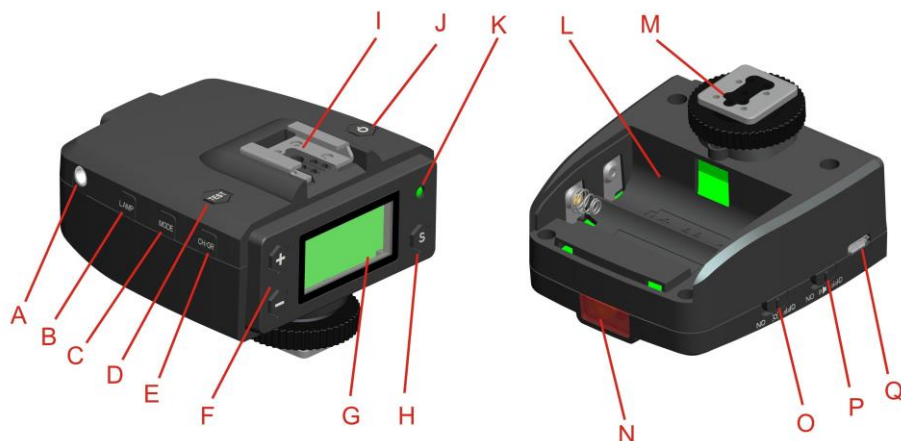


S520-TTL&HSS NIKON

TRANSMITTER MANUAL

Operation interface



A. Sync port $\phi 3.5$	B. Modeling lamp button	C. Mode button
D. Test button	E. Channel group selection button	F. “+”“-”adjustment button
G.LCD Screen	H. Set button	I. Speedlite hot shoe
J. Power switch	K. Power Indicator	L. Battery case
M. Camera hot shoe	N. AF light	O. AF light button
P. Beep button	Q. PC program upgrade port	

一、Power on and off instructions

- 1、The transmitter is equipped with 2pcs AA 1.5V batteries, which are correctly placed according to the polarity of the battery case. Close the battery case door , the LCD screen and green power indicator are lit at the same time, and the electricity is powered on.
- 2、Press the “” button for 2 seconds, the LCD screen and the green power indicator

will be turned on at the same time, the transmitter is turned on, and then press the “” button for 2 seconds again, the LCD screen and the green power indicator are turned off at the same time. The transmitter is powered off.

二、Button function operation instructions

- 1、Press the “TEST” button to check if the transmitter and flash light are communicating normally; if it can flash normally, it indicates that the communication is normal and you can continue to operate other functions;
- 2、Press the “MODE” button to switch the flash mode. When it is displayed “TTL”, the flash light enters the flash mode; when press “MODE” button again, it is displayed “MAN”, the flash light enters the manual flash mode; when press the “MODE” button again , it displayed “MULTI”, flash light enters manual strobe flash mode.
3. Press the “LAMP” button to switch the modeling lamp’s three states , full light, half light and off .
- 4.Short press the “CH/GR” button, the GR flashes, press the “+ -” button to set the group A, B, C, D, E; press the “CH/GR” button again, CH flashes, press the “+ -” button to set channel 1-15; press “CH/GR” again to exit the group channel setting; long press “CH/GR” to close the current group.
- 5、Press the “S” button to set the front curtain, rear curtain and high speed in TTL and MAN mode.
- 6.Slide the “” button to select the on/off of the flash button beep. When the switch slides to “ON”, the button operation beep is turned on. At this time, there is a “Di” beep for any operation; when the switch slides to “OFF” , the flash operation has no beep;
- 7、Slide the “” button to select the AF light on and off;
- 8、Press the “+” or “-” button:
In MAN mode, used to adjust the flash intensity of the flash,
In TTL mode, the EV used to adjust the flash;
In MULTI mode, used to adjust the strobe power, strobe and frequency of the flash ;

三、Power saving mode

- 1.When the transmitter does not have any operation, the backlight of the display will automatically turn off after 20 seconds, enter the power saving mode, press any key to wake up or when connected to the camera, press the camera shutter button to wake up ,

then exit the power saving mode;

2.When the transmitter enters the power saving mode, when there is no operation, it enters the standby mode after 15 minutes, and the power indicator flashes at intervals;

3.When the transmitter enters standby mode, it will automatically shut down after 45 minutes without any operation

四、Performance parameter table

Frequency Range	2.4GHz
Operating Voltage	2.2-3.4v
Sync speed	1/8000s
Remote distance	≤50m
Number of channels	15
Number of groups	5

五、Matching camera spec sheet

Camera brand	Item
Nikon	D80
	D90
	D300
	D700

	D3000
	D3100
	D3200
	D5000
	D7000
	D810
	D3S
	DF
	Other items to be verified

六、Program version upgrade operation

1. Remove the transmitter battery, insert the cable to the remote , link the cable to the PC, and select the corresponding version to upgrade;
- 2.For the version number of the transmitter, press and hold the corresponding key of “S”, and the LCD screen will display the version number.

Notice:

- 1.When the LCD screen displays low battery , please replace the battery.
- 2.Please do not hold down the button for a long time, this will affect the battery life;
- 3.Please turn off the receiver when do not use for long time ,it will be extend the battery life.;
- 4.Please pay attention to the positive and negative terminals of the battery when replacing the battery. Please install the battery correctly.
- 5.This product is not waterproof , please use it in dry environment.

FCC STATEMENT

1.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. (2) This device must accept any interference received, including interference that may cause undesired operation. 2.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.