GVM

GREAT VIDEO MAKER

GVM-S200

INSTRUCTION MANUAL

Made in China

Contents

Foreword

Before using this product

Please read this manual carefully to ensure that you can use it safely.
Please save this manual for future reference.

GVM-S200 flash is a wireless TTL flash with built-in 2.4G wireless G system, with this G series trigger can remotely control the function of TTL/M/Multi mode of GVM-S200 flash; at the same time, it can also used in combination with the TTL master-slave function flash, TTL Outdoor flash light and the TTL studio light. With the GVM-S200 flash, you'll get a simpler shooting experience with complex lighting changes. Accurate flash exposure is automatically obtained for easy shooting.

The GVM-S200 is a portable flash solution consisting of a flash, wireless remote trigger and various light effects accessories. Program. GVM-S200 flash, compact and portable, powerful, built in battery capacity, support full speed, for Outdoor shooting and live shooting provide good light quality. Portable and efficient light quality, it is free business An ideal source for photographers, journalists, enthusiasts, photographers, and wedding documentary photographers.

Product highlights :

Wireless TTL system is fully compatible : With built-in triopo 2.4G wireless G system, it can support Canon E-TTL, Nikon i-TTL and other TTL automatic flash system; can be used as a slave unit of wireless multi-lamp flash system, shooting is simple and fast.

Powerful, compact and portable: The flash power is up to 200W, making it easy to carry.

Replaceable lamp holder, a variety of light-emitting methods:
Easy to carry, with multiple sets of optical lenses, uniform light, LED modeling lights.

High-quality AV display: intuitive display and easy operation

Built-in 2.4G wireless transmission: 50 meters ultra long distance

Studio light quality: power up to 200Ws

Creative unlimited professional power supply: use international brand battery, large capacity power box (14.4V/2900mAh), 0.01-2.1s callback, full light 500 flashes or more.

⚠ Warning

Wireless control: Built-in triopo 2.4G wireless G system, can realize TTL control, external can use triopo G1 remote control, wireless control flash power size and trigger flashing simultaneously; while leaving 3.5mm sync jack, can be realized A variety of synchronous triggering methods.

Dimming accuracy: The power adjustment range is large (1/1-1/128), and the 22-level precision is fine-tuned.

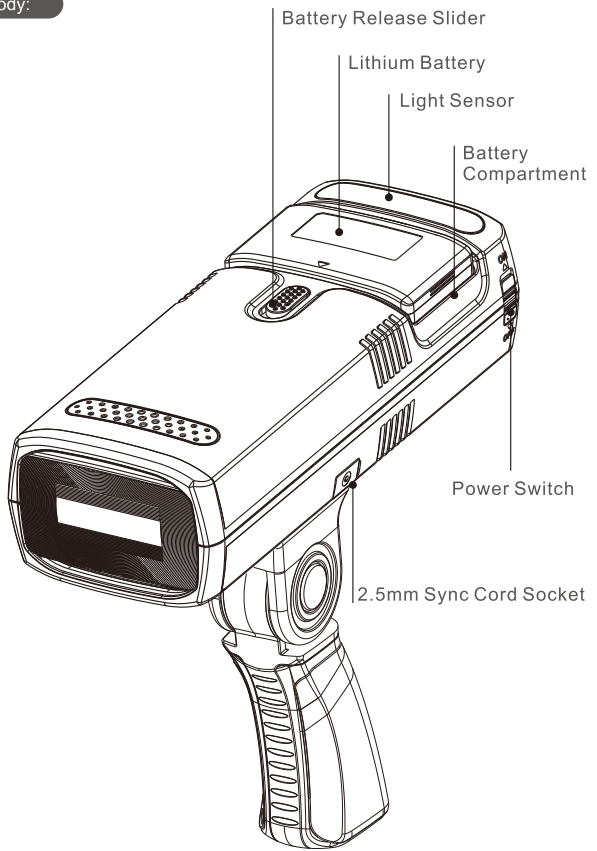
The color temperature is constant: the color temperature is maintained in the range of 5600 ± 200K.

Advanced features: support 1/8000 second high-speed synchronization, high-speed strobe, high-speed remote control synchronization trigger.

- ⚠ Please keep it dry.
- ⚠ Do not disassemble the product. If the product fails, it must be inspected and repaired by our company or authorized maintenance personnel.
- ⚠ Do not allow children to come into contact with this product
- ⚠ Do not disassemble, impact, crush or put into fire. If there is severe swelling, do not continue to use it. Do not place in a high temperature environment exceeding 50 degrees.
- ⚠ Do not flash the flash head directly against the human eye (especially the baby's eyes), as it may cause visual impairment in a short period of time.
- ⚠ Do not use the flash near chemicals, flammable gases, or other special substances that may be sensitive to the flash of the flash light under special conditions and may cause fire or electromagnetic interference. In these cases, please pay attention to the relevant warning signs.
- ⚠ This product is not waterproof, please pay attention to waterproof in rainy and humid environments.
- ⚠ If any malfunction occurs, turn off the flash immediately.

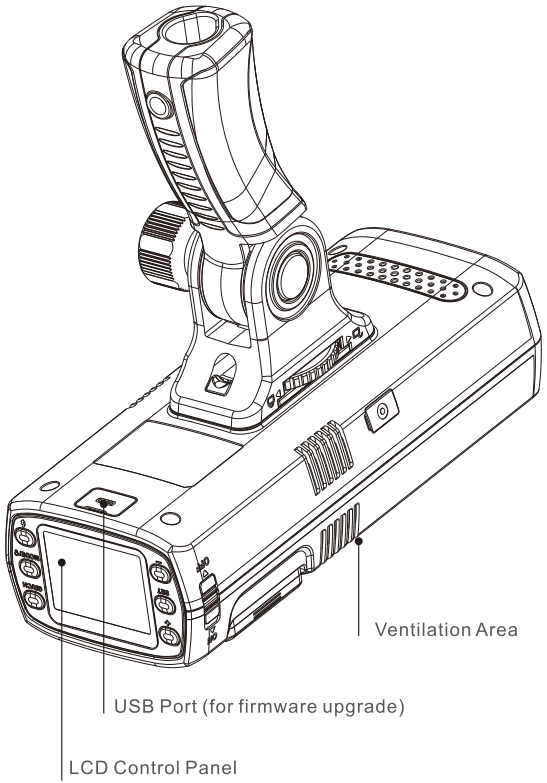
Name of Parts

Body:



Name of Parts

Body:



Name of Parts

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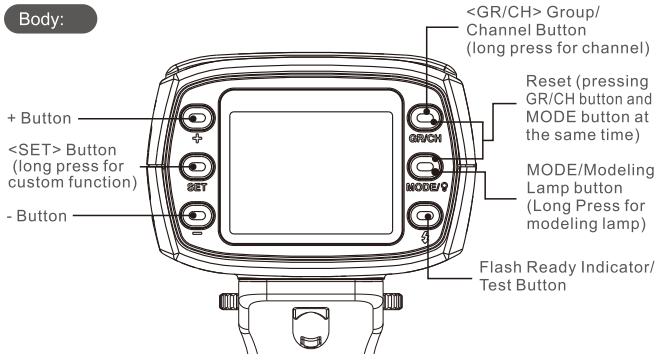
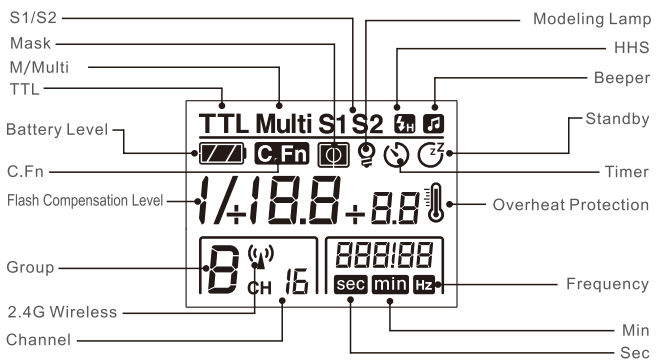


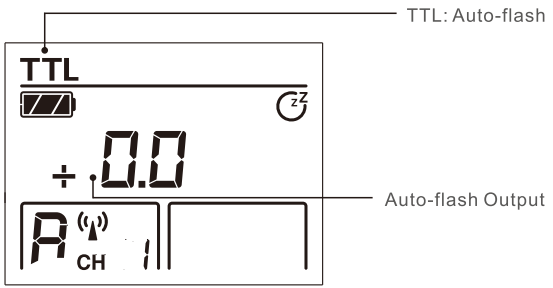
AV Panel



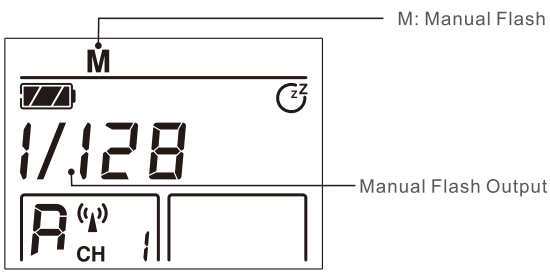
- •The display will only show the settings currently applied.
- •When button is pressed, the AV panel will illuminate automatically.

Name of Parts

(1)TTL Auto-flash

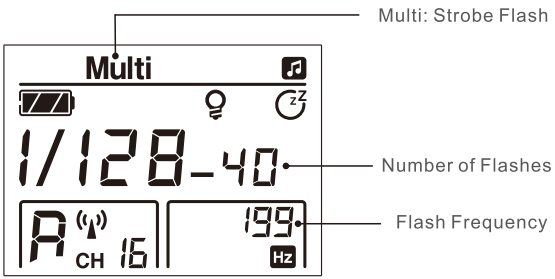


(2)M Manual Flash

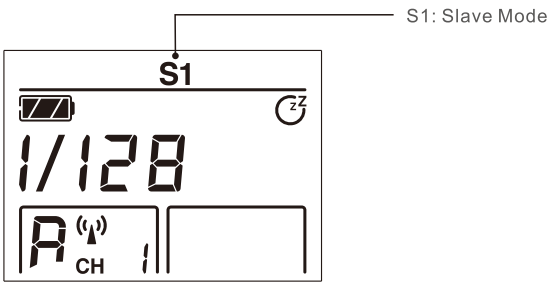


Name of Parts

(3)Multi Strobe Flash

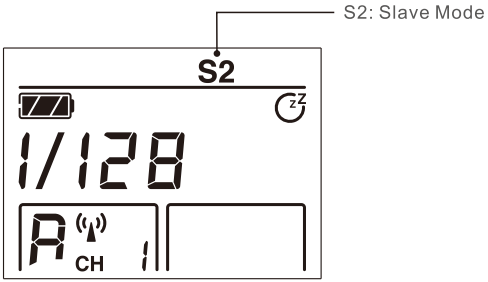


(4)S1 Slave Mode

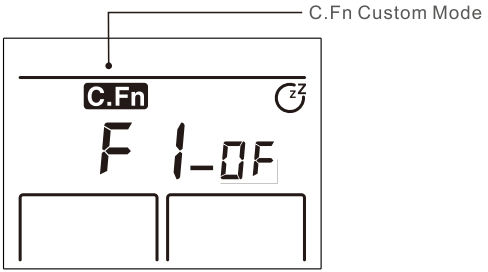


Name of Parts

(4) S2 Slave Mode



(5)Custom Mode



Lithium Battery

Features

1. This flash unit uses Li-ion polymer battery which has a long service life. When the battery is fully charged, it will offer 500 times of charge and discharge cycles.
2. Battery is safe and reliable. The inner circuit of the battery is designed against over-charge, over-discharge, over-current and short circuit.
3. This battery takes only four hours to be fully charged.

Cautions

1. Do not short circuit.
2. Do not expose to moisture or submerge into water. This battery is not waterproof.
3. Keep out of reach of children.
4. Do not charge the battery continuously over 24 hours.
5. Store in dry, cool, ventilated places.
6. Do not dispose in fire.
7. Scrapped batteries should be disposed of according to local regulations.
8. Please charge the battery to 60% for long-term storage.
9. If the battery has been stored for over 3 months, please recharge the battery.

Battery Level Indication

Make sure the battery pack is securely loaded in the flash. Check the battery level indication on the AV panel to see the remaining battery level.

Battery Level Indication on the AV Panel	Meaning
3 Bars	Full battery
2 Bars	Medium battery
1 Bar	Low battery
Blank	Lower battery, please recharge.
Blinking	Battery exhausted, the flash will auto power off in 1 minute. Note: when in this state, Please recharge the battery as soon as possible (within 10 days). Then the battery can be used or be placed for long periods.

Power Management

ON/OFF Power Switch controls the on/off of the flash unit, please turn off the power when not in use. This product is designed with automatic standby feature, it will go to standby mode when not operated, (approx. 30/60 minutes).

Modeling Lamp

Long press <MODE/ > button until the display on the AV panel for turning on the LED modeling lamp.

Wireless Flash Mode

F1-200 can only be set as a slave unit (receiver end). Long press the wireless selection button for 2 seconds to switch the radio transmission function.

Wireless Mode	Flash Mode
OFF	M / Multi
Radio Transmission	TTL / M / Multi

TTL Autoflash

This flash has three flash modes: TTL, Manual (M), and Multi (Strobe). In TTL mode, the camera and the flash will work together to calculate the correct exposure for the subject and the background.

Press < Mode/ ♀ > button to cycle through all three flash modes.

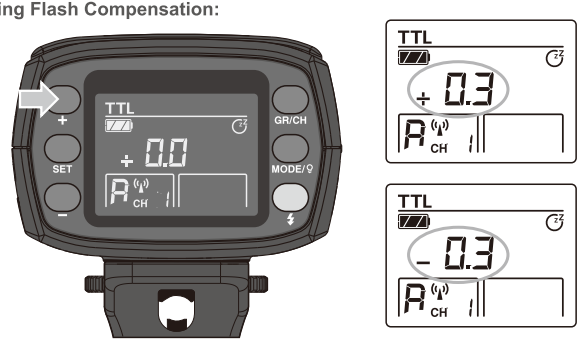
TTL Mode

Press <Mode/ ♀> button to enter TTL mode. The AV panel is displayed < TTL >.

Flash Compensation

With flash compensation function, this flash can adjust from -3 to +3 in 1/3rd stops. It is useful in situations where minor adjusting of the TTL system is needed based on the environment.

Setting Flash Compensation:



• Press <+>, “+0.3” means 1/3 step, “+0.7” means 2/3 step.
• Press <->, “-0.3” means 1/3 step, “+0.7” means 2/3 step.
•To cancel flash compensation, set the amount to “+0”.

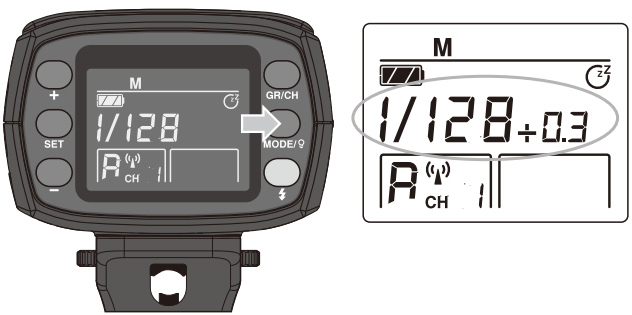
High-Speed Sync

High-Speed Sync (FP flash) enables the flash to synchronize with all camera shutter speeds. This is convenient when you want to use aperture priority for fill-flash portraits.

• With high-speed sync, the faster the shutter speed, the shorter the effective flash range.
• Multi-strobe mode cannot be set in high-speed sync mode.

Manual Flash

In manual mode, you can cycle through all the power output 1/128 to 1/1 in 1/3-stop increments.
For a proper exposure, please use an external flash meter or the meter within the camera.



1.Press <Mode/ ♀> button, until the AV panel display <M>.
2.Press <+> <-> button to set desired flash output.

Flash Output Range

The following table makes it easier to see how the f/stop changes when you increase or decrease the flash output. For example, when you decrease the flash output to 1/2, 1/2-0.3, or 1/2-0.7, and then increase the flash output to more than 1/2, 1/2+0.3, 1/2+0.7, and 1/1 will be displayed.

Figures displayed when reducing the flash output level→

1/1	1/1–0.3	1/1-0.7	1/2	1/2-0.3	1/2-0.7	1/4	.....
	1/2+0.7	1/2+0.3		1/4+0.7	1/4+0.3		.....

←Figures displayed when increasing the flash output level

S1/S2 Flash Mode

Optic S1 Secondary Unit Setting

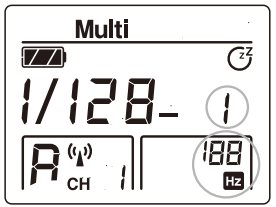
Press <MODE/ > to choose S1 function so that this flash can function as an optic Slave flash. With this function, the flash will synchronize with the main flash, the same effect as that by the use of radio triggers. This helps create a multiple lighting effects.

Optic S2 Secondary Unit Setting

Press <MODE/ > to choose S2 function, so that this flash can also a optic slave flash in M manual flash mode. This is useful when cameras have pre-flash function. With this function, the flash will ignore a single “pre-flash” from the main flash and will only fire in response to the second, actual flash from the main unit.

Multi Strobe Flash

With strobe flash, a rapid series of flashes is fired. It can be used to capture multiple images of a moving subject in a single photograph. You can set the firing frequency (number of flashes per sec. expressed as Hz), the number of flashes, and the flash output.



Press <MODE/ > button, until <MULTI> will display on the AV panel.

Setting the Number of Flashes and Flash Frequency

Press <SET> button to choose flash frequency and press <+> <-> to set the number.
Press <SET> button to choose flashes, and press <+> <-> to set the number.

Calculating the Shutter Speed

During the strobe flash, the shutter remains open until the firing stops. Use the formula below to calculate the shutter speed and set it with the camera.

Number of Flashes / Flash Frequency = Shutter Speed

For example, if the number of flashes is 10 and the firing frequency is 5 Hz, the shutter speed should be at least 2 seconds.

> ⚠ To avoid overheating and deteriorating the flash head, do not use stroboscopic flash more than 10 times in succession. After 10 times, allow the camera flash to rest for at least 15 minutes. If you try to use the stroboscopic flash more than 10 times in succession, the firing might stop automatically to protect the flash head. If this happens, allow at least 15 minutes' rest for the camera flash.

- Stroboscopic flash is most effective with a highly reflective subject against a dark background.
- Using a tripod and a remote control is recommended.
- A flash output of 1/1 and 1/2 cannot be set for stroboscopic flash.
- Stroboscopic flash can be used with"buLb".
- If the number of flashes is displayed as "--", the firing will continue until the shutter closes or the battery is exhausted. The number of flashes will be limited as shown by the following table.

Maximum Stroboscopic Flashes

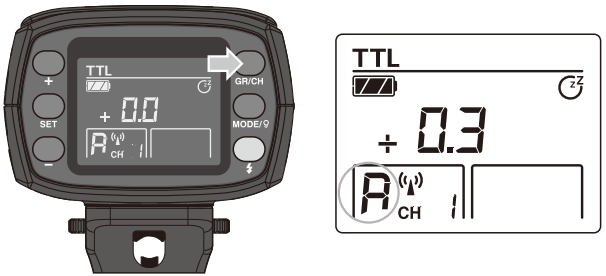
Flash output \ Hz	1	2	3	4	5	6-7	8-9	10	11	12-14	15-19	20-50	60-99
1/4	7	6	5	4	4	3	3	2	2	2	2	2	2
1/8	14	14	12	10	8	6	5	4	4	4	4	4	4
1/16	30	30	30	20	20	20	10	8	8	8	8	8	8
1/32	60	60	60	50	50	40	30	20	20	20	18	16	12
1/64	90	90	90	80	80	70	60	50	40	40	35	30	20
1/128	90	90	90	90	90	90	80	70	70	60	50	40	40

Group Setting / Channel Setting

GVM-S200 adopts TRIOPO 2. 4G wireless system, which has good compatibility with other products of our lineup.
As a slave unit, GVM-S200 is automatically compatible with Canon / Nikon / Sony / Fujifilm TTL system according to the master unit.
By using TRIOPO C1(Commander) trigger you can use one or more GVM-S200-TTL flashes simultaneously.

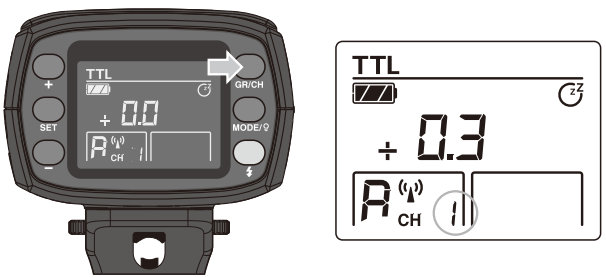
1.Setting Communication Group

Short press <GR/CH> wireless button to switch group in A / B / C / D.



2.Setting Communication Channel

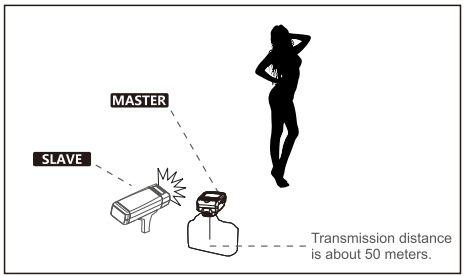
Long press <GR/CH> wireless button till "CH 1" flashes on the AV panel. Then press <+> <-> to switch channel from 1 to 16.



Wireless Flash Shooting

Positioning and operation Range (Example of wireless flash shooting)

•Auto-flash shooting with one slave unit

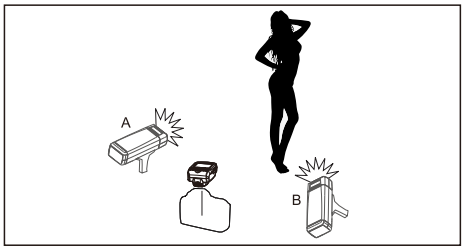


- Use the supplied stand to position the slave unit.
- Before shooting, perform a test flash and test shot.
- The transmission distance might be shorter depending on the conditions such as the positioning of slave units, the surrounding environment and weather conditions.
- With a lot of wireless signal interference, if there's a miss flash please change the wireless communication channel.

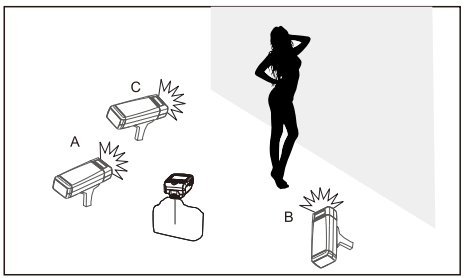
Wireless Flash Shooting

Wireless Multiple Shooting

You can divide the slave units into two or three groups and perform TTL autoflash while changing the flash ratio (factor). In addition, you can set and shoot with a different flash mode for each firing group, for up to 4 groups.



• Auto Shooting with Two Slave Groups



•Auto Shooting with Three Slave Groups

When using the F1-200 and TRIOPO C1(Commender) series trigger together, the C1 can control the flash function such as:

- Flash Mode: TTL/M/Multi
- Sync Mode: First-curtain sync, second-curtain sync, and High-speed sync
- Control the power level •Modeling Lamp ON/OFF •Beeper ON/OFF

C.Fn :Setting custom Functions

The following table lists the available and unavailable custom functions of this flash.

Custom Function Signs	Functions	Setting Signs	Setting & Descriptions
F1	Standby Modes	OF	OFF
		30 min	No Operation Auto Standby
		60 min	
F2	Beeper	ON	ON
		OFF	OFF
F3	Mask	OF	OFF
		01	ON: Trigger 2 times for 1 cycles, 1st flash of the trigger.
		02	ON: Trigger 2 times for 1 cycles, 2nd flash of the trigger.
F4	Delay Flash	OF, 0.01~30s	Can be triggered as the second curtain
F9	Version Information		

1.Long press <SET> button for 2 seconds to enter the C.Fn menu.
2.Choose custom function signs.
Press <+> <-> to set custom function signs.
3.Change the setting.
Press <SET> button to choose between customize functions
4.Exit C.Fn menu.
Long press <SET> button to exit.

Technical Data

Model	GVM-S200	
Wireless Slave Unit Mode	Radio transmission mode (compatible with Canon & Nikon & Sony & Fujifilm)	
Flash Mode	Slave radio transmission	TTL/ M/Multi
Guide No. (1/1 Output)	53(m ISO 100, @35mm)	
POWER	200W	
Power Output	8 steps: 1/128~1/1	
Stroboscopic Flash	Provides (up to 90 times, 99Hz)	
Flash Compensation	±3 stops in 1/3 stop increments	
Sync mode	High-speed sync (up to 1/8000 seconds), first-curtain sync, and second-curtain sync	
Delay Flash	0.01~30s	
Mask	√	
Beeper	√	
Modeling Lamp (LED)	√	
Optic Slave Flash	S1/S2	
Flash Duration Indication	√	
•Wireless Flash (2.4G transmission)		
Wireless Flash Function	Slave unit, OFF	
Controllable Slave Groups	4 groups: A, B, C, D	
Transmission Range (Approx.)	50m	
Channel	1~16	
•Power Supply		
Power Supply	Lithium battery pack (14.4V/2900mAh)	
Full Power Flashes	500	
Recycle Time	Approx. 0.01-2.1s	
Battery Indicator	√	
Power Indication	Power standby automatically after approx. 30 minutes without operation.	
•Sync Triggering Mode	2.5mm syncline, a wireless control port	
•Color Temperature	5600±200k	
•Dimensions		
Volume		
Net Weight		