



深圳市高能摄影器材有限公司
Shenzhen Gaoneng Photographic Equipment Co.,Ltd

地址:深圳市布吉镇秀峰工业城A3栋
Add:A3 Building,xiufeng Industrial Park, Buji Town, Shenzhen
Tel:0086-755-28559656
Fax:0086-755-84175011
<http://www.cononmk.com>



Operation Manul

Go through and keep it carefully

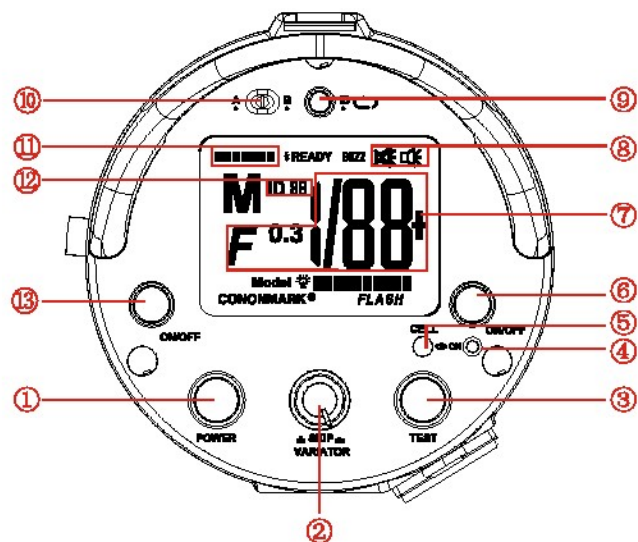
AKE HSS Series(AC)

3G Wireless flash light



深圳高能摄影器材有限公司
Shenzhen Gaoneng Photographic Equipment Co., Ltd

1: Strobe description



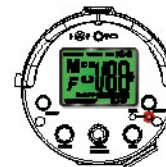
- ① Power ON/OFF button
- ② Dual action control dial
- ③ Test button
- ④ Optical slave indicator light
- ⑤ Optical slave sensor
- ⑥ Optical slave button
- ⑦ Power level
- ⑧ Audio select icon
- ⑨ ID channel button
- ⑩ Group A/B
- ⑪ Recycle ready
- ⑫ ID number
- ⑬ Modeling lamp button
- ⑭ Sync port
- ⑮ Power socket

2: Operation

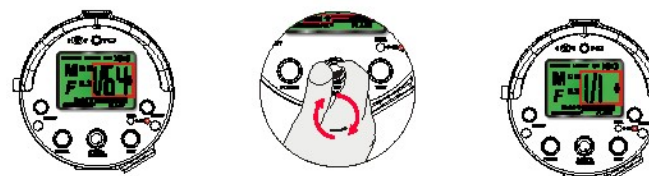
- ① Power ON/OFF button: Press this button to turn on/off the strobe.
- ② Press to select the desired modes. After mode is selected, rotate dial to make setting selection.



- ③ Test button: Use this button to test fire the strobe head.
- ④ Optical slave indicator light: Slave function is activated when red indicator light is lit.



- ⑤ Optical slave sensor: Optical slave feature will fire the strobe head when it senses that a nearby flash unit has fired, This is convenient way to wirelessly trigger your strobe with your camera flash or other remote flash unit.
- ⑥ Optical Slave on/off button: Press this button to turn on/off optical slave.
- ⑦ Power level: from full power power 1/1 to Min. power 1/64.



decrease →

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		...

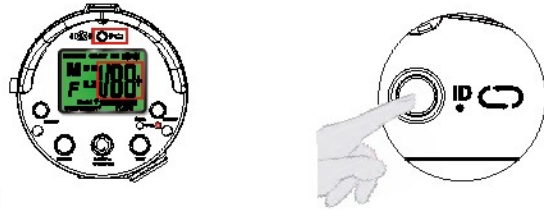
← increase

- ⑧ Audio select icon



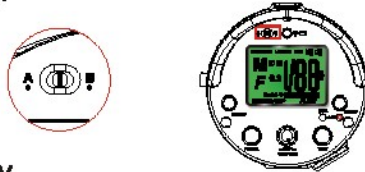
● ⑨ ID channel button

There are ID numbers "1,2,3....15" for selection,choose the same ID for both flash and remote when using the remote to control the flash.



● ⑩ Group A/B

Group selection must be the same both for remote and strobe during using.



● ⑪ Recycle ready



● ⑫ ID number

Press the ⑨ button to select the desired ID (1,2,3...15).



● ⑬ Modeling lamp on/off button:use this button to turn on/off modeling lamp.



● ⑭ Sync port

● ⑮ AC power socket

3:Specification

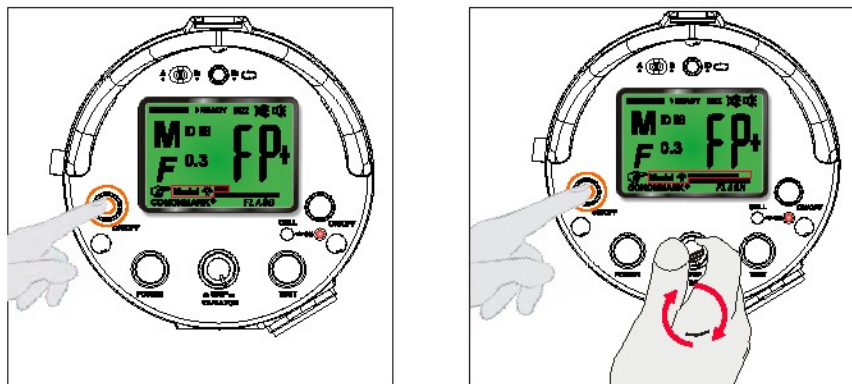
Model	AKE40	AKE60	AKE80
Power level	400WS	600WS	800WS
Power steps	19 steps		
FP HSS	Yes		
Power main seteing	7steps		
ID	(1,2,3,5...15)		
Group	A&B		
Remote control distance	Approx.100M		
Recycle time (AC220V)	0.3-1.2S	0.3-1.5S	0.2-1.8S
Flash duration @T=0.5 1/64	4500th	8000th	
Flash duration @T=0.1 1/64	4500th	5000th	
Sync voltage	DC5V		
Optical slave sensor	Yes		
Modeling lamp brightness	5 steps		
Modeling lamp socket	E27		
Buzz	Yes		
Guide No. (with 48"refelctor)	58GN	62GN	72GN
Power source	210V-230VAC 50HZ		
Overheat protection	Yes		
Color temperature	5500K±150K		

4: 3G remote

The Power setting ,slave,modeling lamp can be controlled from the real panel of the strobe or a 3G remote. Please refer to the 3G remote for more information.

Remark: the standard kit will come with a universal remote(Non-HSS).





Modeling lamp brightness:

Press the Modeling lamp on/off button ,meanwhile , rotate the "Variator" dial to adjust the modeling lamp brightness according to the shooting condition.

FP mode

High-Speed Sync flash, also named as FP Flash (Flat-pulse). The principle of FP flash is: when the shutter curtain is too fast and inevitably that part of the light being blocked when sweep across the view. At this situation, you may request the flash to trigger lots of flash pulse continuously for the whole exposure time.

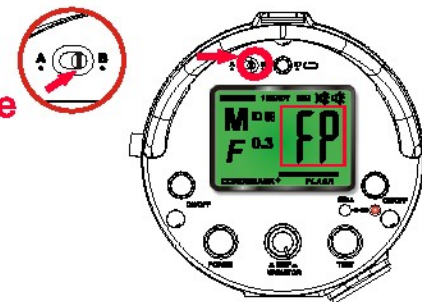
SLR camera with focal plane will have a maximum flash sync speed (X-sync speed), usually is 1/250sec. If the shutter speed is faster than the X-sync speed, part of the screen will be blocked by the curtain. When taking photos with large aperture to reduce the depth of view, the shutter speed will be faster than X-sync speed. The blocking by curtain could be happened.

The camera with FP mode operate along with professional flash light can apply shutter speed faster than X-sync speed without blocking by the shutter curtain. The maximum high-speed sync could even upto 1/8000sec. It needs the match up of camera and flashlight. CononmkAKE60 comes with FP option. Under the FP mode, it works

with the high speed remote control (available for Nikon or Canon models) with maximum speed sync at 1/8000sec. It perfectly solves the problem of blocking up the flash by the shutter curtain during the shutter speed faster than 1/250sec.

Note:Shutter speed may vary,depends on different camera,fox example, the Max.for Nikon D300 is 1/8000S;the Max. for Nikon D90 is 1/4000S.

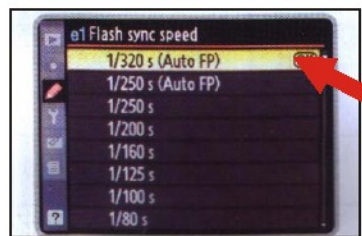
HSS is avaiable only when the AKE strobe is set to Group B



HSS remote sold seperately(Canon version and Nikon version)

The standard strobe kits come with normal 3G remote,(Non-HSS) please buy the HSS remote seperately from us.show as belowed.

HSS setting for Nikon



HSS setting for canon



5. Maintenance

- 1) Do not operate the units in wet, damp, or moist conditions, or in environments where water or other liquid could be dropped, splashed, sprayed or spilled on the unit. your flash unit should only be used in dry, moderate conditions where the equipment is protected from rain, dirt, sand and dust.
- 2) Do not touch the flashtube or modeling lamp with your bare hands, when replacing the th flashtube or modeling lamp, never touch a tube with your bare fingers, Always turn the unit off, unplug it from its AC power source, allow it to cool, and use a clean cloth or insulating gloves to remove or replace a tube and/or lamp. Do not allow your finger oils to contact the lamps as this can cause excess heat buildup and may cause premature flashtube or lamp failure.
- 3) The AKE flash unit should only be used with the original flashtube and modeling lamp or an approved replacement tube or lamp.

Warning

- Flash units contain high voltages and internal components that can store dangerous voltages, even when the units are unplugged.



- Please don't cover the unit with paper or colophony during using.



- Please don't touch the flash tube with your hand right during using, otherwise you will be hurt by the high temperature.



- Please send the breaking unit to the maintenance location immediately for repair.



- Please use 210V-230VAC 50HZ power supply, only.

- Do not leave a flash unit unattended when it is turned on and/or in use.

- If any cords is frayed or damaged, stop using it or replace it immediately.

After-sales service:

Manufacturer provides a limited warranty that this product is free from defects in materials and workmanship to the original purchaser under normal use for period of one (1) year from the original purchase date. Manufacturer's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at its option, of any product which falls during normal consumer use. This warranty does not extend to damage or failure which results from misuse, neglect, accident, alternation, abuse, improper installation or maintenance. To obtain a replacement during the time of this warranty, please return the defective item with proof of purchase to the place of purchase.

Note: Power cable, tube, modelling lamp, battery are not listed to free after-service system. Manufacturer reserves the right to explain the terms of the instruction.