DIGIS
Digital Lighting System

D-400 / D-600 / D-800

In the face of a rapidly growing digital photography market Digis is the ideal solution. Digis is designed to be used as a flash and/or a continuous light at the same time.
The Digis is easy to operate and supplies multiple functions in a feature packed digital strobe unit.
The Combination of a flash and a continuous light in a strobe unit has been imagined by many photographers using digital cameras. This comes in the wake of a rapidly changing digital photography market.
Digis is designed to comply with the demands of digital shooting and is equipped with an easy operation.

Broad range of output: The Digis Flash offers a broad output range with 10 to 400, 10 to 600 and 10 to 800 watt seconds, depending on the model. It has f-stop adjustments in increments of either 1/2 or 1/10 to full of 32.2 f-stop. Booster circuit enables the Digis flash to trigger even with no charges from main charging capacitor and it stabilizes charging voltages.

Strobe and Continuous light in one unit: The Digis is a unique combination of flash and permanent light in one. It can be used either as flash or as continuous light.
The photographer can also combine them together as they wish.

Accurate constant exposure : Flash output is stable within ±0.1%. By using 10bit AC/DC converting processor with 0.1% analysis power, the Digis flash provides consistent and accurate output levels.

Since the charging circuit quadruples an input voltage, output remains consistent and accurate even with low input voltage and the flash functions with broad range of Input volt.

Counting the number of triggers:
The number of triggers can be displayed on the side panel by using the controls on the side panel.

Plug-in flash tube: The Flash tube is covered with a glass dome mounted to a ceramic base making it easy to replace, and offers protect against explosion.

One-touch locking device: The one-touch locking device allows the photographer to change various reflectors easily and quickly. It will hold up heavy softboxes and accessories with an easy to use mechanical lock system.

Durable case: The extruded aluminum case is a die cast bracket protecting the flash from any damage.

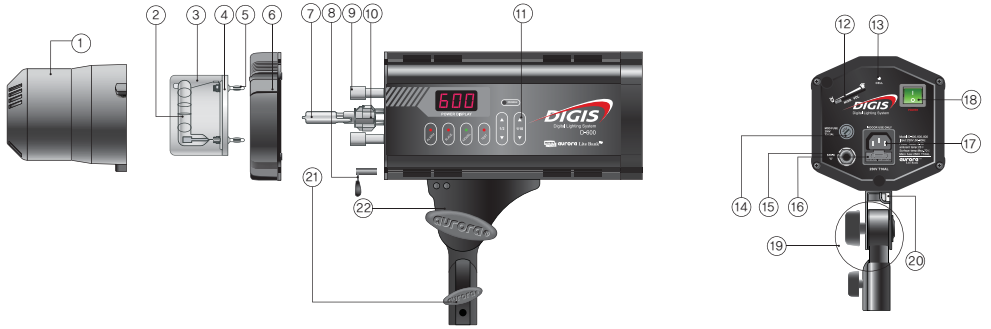
OPERATING INSTRUCTIONS

1. Before use

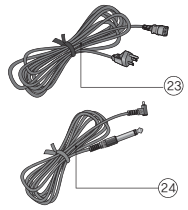
This flash is a very precise piece of photographic equipment.
Therefore, instructions must be read thoroughly before use.

1. Input voltage should be checked before use.
2. Do not move or shock the unit when power is on.
3. Connect to the properly functioning grounded 3-pin receptacles only.
4. Attach or detach reflector, snoot, or other accessories only after halogen lamp has been turned off and cooled down.
5. Do not keep the halogen lamp on when using snoot for a long periods of time.
   When it is over 500W the snoot can greatly overheat.
   (It normally heats up to 200℃ when a snoot is being used.)
6. Honey comb grids can be used with halogen lamps up to 300W.
   A modeling lamp over 300W will burn or damage honey comb grids.
7. Use a softbox made of only heat resistant materials.
   Most of the Aurora softboxes are designed to use with the Digis unit.
8. Do not store or use very long under humid or moist conditions for an extended amount of time.
9. Keep this equipment out of the reach of children.

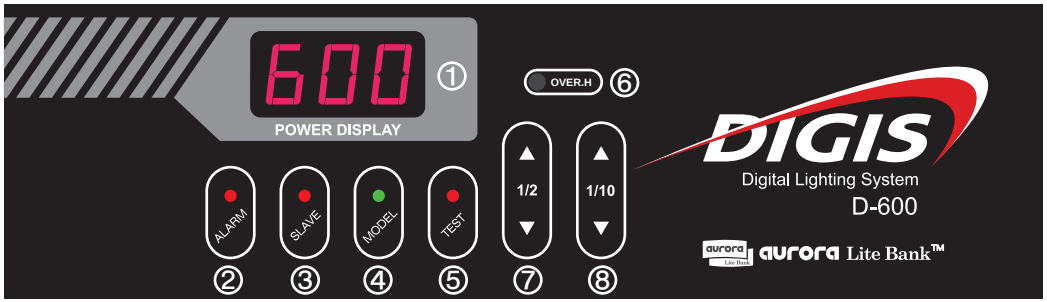
2. Parts



1. Protective cap
2. Flash tube
3. Glass dome
4. Ceramic base
5. Flash tube plug
6. Front plate
7. Modeling lamp
8. Locking lever
9. Flashtube mounting hole
10. Modeling lamp socket
11. Control panel
12. Modeling lamp manual dimmer
13. Photo cell
14. Modeling lamp fuse
15. Synchro socket
16. Fuse holder & Fuse
17. Power socket
18. Power switch
19. Stand adaptor
20. Holes for Umbrella fixing
21. Stand adaptor fixing bolt
22. Flash angle control bolt
23. Power (AC) cord
24. Synchro cord



3. Functions of Control Panel



1. Power Display: Output display in Ws or Joule

2. Alarm: Charging indicator
- Alarm on: Charging alarm beeps while being charged and stops beeping when fully charged.
- Alarm off: Turns beep off during charging.

3. Slave: Switch for light sensor
- Slave on: Operated by light sensor as well as synchro cord. When photo cell senses another light flash, it will fire the flash as result.
- Slave off: Operated by synchro cord only (photo cell is disabled).

4. Modeling control: There are 3 modes for modeling lamp
- Pressing mode control once (red light on) modeling lamp lights up to full.
- Pressing mode control again (green light on) modeling lamp tracks with flash output
- Pressing mode control again (no light) modeling lamp is manually operated by halogen lamp slide volume on the back panel.

5. Test control: the test button will trigger the flash when pressed. It will also serve to dump excess power. The red light indicator is on when charging is finished and off while it is charging.

6. OVER. H.: This indicator turns on and starts beeping when circuit boards are over heated. The modeling lamp will go off and whole system stops functioning except cooling fan. When it cooled off enough, it will then automatically restart to operate.

7. 1/2 up and down: Flash output goes up or down by 1/2. From 10Ws to full power, power increments in 12 steps ranging over 6 f-stops.

8. 1/10 up and down: Flash output goes up or down by 1/10. From 10Ws to full power, power increments 60 steps range over 6 f-stops.

4. Operation

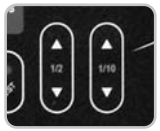
1. First, check that the modeling light is turned off and power switch is turned off and then connect to the proper electrical outlet.

2. Connect synchro cord as well as power cord into their appropriate socket.

3. Turn on the power switch then 10 will automatically appear on the display window. The flash power is set at the minimum 10 Ws initially.

4. All operation switches are a one-touch system. Alarm, Slave, and Modeling buttons are off initially. The photographer may turn them on or leave them off as per their needs.

5. Modeling switch operates in 3 different modes
- Press once, red light appears: modeling lamp is set at full.
- Press twice, green light appears: modeling lamp will now track with flash power.
- Press three times, no light appears: modeling lamp is off but it can be controlled by manual dimmer at the back panel.



6. Increase or decrease flash power with 1/2 and 1/10 up/down controls.

7. Digital display screen works as overcharge indicator. When overcharged, it will blink. When overcharge has occurred press test button once to dump the charge.

8. When overheated, Over.H. lamp will turn on. Turn it off to allow the unit to cool down. Once the unit has cooled down turn it on again. (10~15 min)

9. To check the number of triggers, press 1/10 up and down control at the same time for a few seconds. The number will be displayed on the digital display screen.

10. When using an umbrella with your Digis first mount a standard reflector model ALRD114 then mount an umbrella through the hole in the reflector and the two holes in the umbrella mount. Note: After use, cool the flash and umbrella down first before pulling out the umbrella.

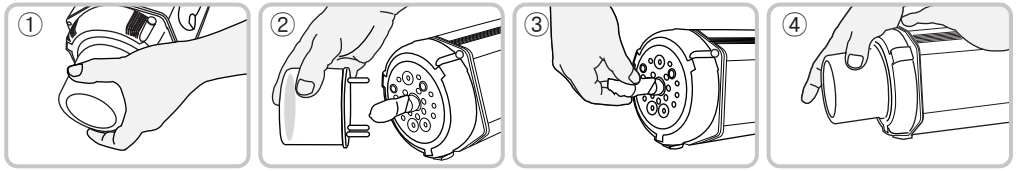
11. To use a softbox, after assembling the softbox with an Aurora flash adaptor, place it onto the flash. Fit the claws of the adaptor into the holes in the flash front, and then rotate the softbox clockwise until you hear a clicking sound. To detach the softbox, cool down the flash and the softbox first. When they are cool enough to touch, press the locking button with one hand and rotate the softbox anti clockwise and pull it out with the other hand.

5. Specification

SUBJECT \ MODEL	DIGIS 400	DIGIS 600	DIGIS 800
Power range Joule/Ws	10~400	10~600	10~800
Flash power variation	1/32~Full	1/64~Full	1/94~Full
Power increment	Power varies over 7 steps in the 1/2nd or 1/10th of an f-stop		
Recharging time	0.3~2sec	0.3~2.3sec	0.3~2.5sec
Input voltage	AC 110V 50/60Hz or AC 220V 50/60Hz,		
Safety fuse	10AF		
Minimum exposure at 2m ISO 100, T=1/60 with standard reflector	2.83 f-stop	2.86 f-stop	2.86 f-stop
Maximum exposure at 2m ISO 100, T=1/60 with standard reflector	16.9 f-stop	22.8 f-stop	32.2 f-stop
Flash duration T=0.5	1/1250sec	1/1560sec	1/1560sec
Voltage stabilization	±0.1%		
Color Temperature	5500±100°K		
Display	Digital Display Screen		
Modeling lamp	150W~1KW halogen lamp (GX 6.35)		
Modeling cotrol	full / off / proportional / adjustable with flash synchro		
Sync voltage	DC 6V		
Trigger	RF remote, Infrared remote, Synchro cord, Photo cell, Test button		
Dimensions	18×13×35cm	18×13×35cm	18×13×37cm
Weight	3.2Kg	3.4Kg	3.7Kg
Housing	Die cast with Titanic Aluminum		
Plug-in flashtube	User replaceable for all models		
Cooling fan	All models		
Overcharge indication	Digital display screen flickers		
Over temp indication	Over temperature indicator flikers and beeps		
Completed with	300W modeling lamp, power cord, synchro cord, protective cap, spare fuse		

6. Maintenance

1. How to replace a flash tube or halogen lamp.



① Hold Pyrex dome of flash tube with one hand while holding a flash head with the other hand.

② Pull out the glass dome from the flash head. Because it is firmly fixed, you may try to detach it little by little, rather than pulling it all at once.

③ Pull out the halogen lamp wrapping with a soft fabric. Touching a halogen lamp with bare hands can shorten the life of lamp. For optimum life of the bulb do not leave fingerprints or stains on the lamp. If the bulb is dirty you must clean it with a soft fabric cloth. It is recommended to wear gloves throughout the process.

④ Replace a defective halogen lamp with to a new lamp and replace the glass dome over the flash tube and press it firmly towards the flash head.

2. How to replace a fuse

- First pull out the electrical cord.
- Open up the fuse holder with the appropriate screw driver and take out the fuse.
- Replace the defective fuse with new one identical to the original.

3. How to keep flashes

- Place the protective cap while carrying or when not in use.
- To clean the glass dome and flash tube use a soft cloth. Dust can damage flash tube.

7. Trouble shooting

SYMPTOM	POSSIBLE CAUSE	SOLUTION
No synchronization through photo cell	Slave is off	Make sure slave is on.
	The light does not reach the photo cell.	Adjust the flash position where the light can reach to the photocell
	Ambient lights are too bright	Isolate the flash from the other light sources such as the sun. Cover up part of photo cell which is exposed to too bright light source using thick paper
Problematic synchronization using the sync cord	Dust or dirt on the synchro cord jack	Remove dust or dirt
	Broken or bad connection of the cord	If the flash fires fine by test button, then replace the synchro cord with new one
Continuous beeping	Possible problem with charging	Check the supply input voltage is correct and not lower than required.
	Overheating	Check if the cooling fan normally operates. Cool the flash off and then use again.
No operation	No electricity	Check if the electricity cord is properly plugged in. Change a fuse.
Others	Please consult with authorized A/S center, dealers or manufacturer.	

Warranty Card

For warranty, please fill out this form and mail to Aurora Lite Bank Co.,
741-1 Sangyeok-dong, Buk-gu, Dae-gu, 702-101, Korea or fax to +82-53-384-9886.

Name			
Street Address			
City			
State/Province		Zip Code	
Country			
Phone Number		Fax Number	
E-mail Address			
Purchase Date			
Where did you purchase this product?			

Aurora Lite Bank warrants this product to be free of defects in materials and workmanship for a period of 12 months from the date of purchase.

We or our authorized service centre will repair or replace this product without charge with respect to the parts and labor, providing our examination indicates that functional defect exists under normal usage.

This warranty, however, does not include damage caused by the following reasons and repair or replace for defects due to the followings will be charged.

- Abuse and improper handling
- Improper maintenance
- Unauthorized repairs or modifications
- Natural disaster such as flood, moisture or animal damage
- Defective connection tools
- When wasting parts; modeling lamp, soft box, flash tube, synchro cord, connecting cable, photo condenser need to be replaced

This warranty is valid only for the original owner and applies to customers who properly fill out and return this warranty card.

※ This product can be modified For better quality and function without prior notice.

aurora Lite Bank™

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