

# Foresto

COMPACT MONO FLASH

for Digital photographing



## Index

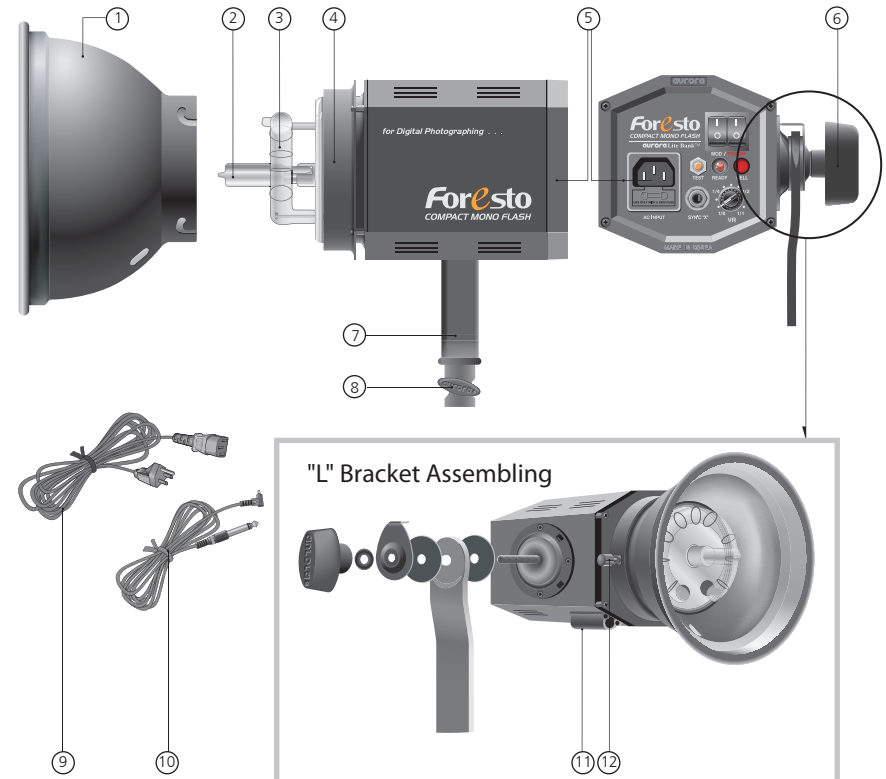
1. Before using
2. Name of parts
3. Function of control panel
4. Specification
5. Operation
6. Characteristics
7. Maintenance
8. Trouble shooting

## 1. Before using

This flash is a very precise photographic equipment therefore don't forget to read this operation manual very carefully before using.

1. Please read Operation Manual before using it.
2. Input voltage should be checked before use.
3. Don't move or shock when power on. Coil of modeling lamp might be cut off in case of moving with lamp on.
4. Connect to the properly functioning and grounded 3-pin receptacles only.
5. Attach or disattach reflector, snoot, or other accessories after halogen lamp turned off and cooled off.
6. Be careful of electric shock when using this equipment in humid places.
7. Keep this equipment where children can not be reached.

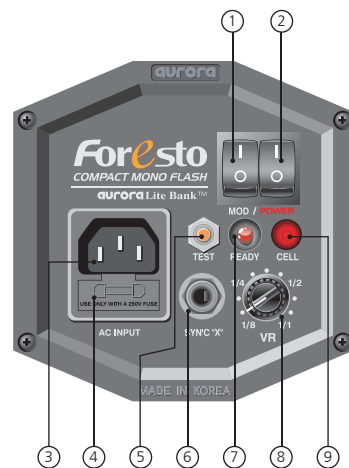
## 2. Names of the parts



- |                    |                           |                         |
|--------------------|---------------------------|-------------------------|
| ① Reflector        | ⑤ Control panel           | ⑨ AC input cord         |
| ② Modeling lamp    | ⑥ "L" bracket fixing knob | ⑩ Synchro cord          |
| ③ Xenon tube       | ⑦ "L" bracket             | ⑪ Umbrella Fixing bolt  |
| ④ Xenon tube plate | ⑧ Stand fixing bolt       | ⑫ Reflector Fixing bolt |

### 3. Functions of control panel

- |                      |                                                           |
|----------------------|-----------------------------------------------------------|
| ① MOD                | ON/OFF switch for modeling Lamp                           |
| ② POWER              | Strobe main power switch                                  |
| ③ AC input socket    | AC 220V/110V connected                                    |
| ④ Fuse holder & fuse | Speare fuse(250V/10A)                                     |
| ⑤ TEST               | Checking button for strobe operation                      |
| ⑥ Synchro socket "X" | Socket for synchro cord                                   |
| ⑦ READY              | Lighting test, lights up when pressed                     |
| ⑧ VR                 | Output lighting volume control<br>(1/8 : Min ~ 1/1 : Max) |
| ⑨ CELL               | Sensor for lights                                         |



### 4. Specification

SUBJECT	FORESTO-100
Max. Output	100W/s
Input voltage	AC 110/220V 50/60Hz
Recharging time	0.3~1.0sec
Flash Duration	1/700~1/1,600sec
Color Temperature	5500±100°K
Modeling lamp	Kryptonite : 100W, Halogen : 150W
Triggering method	Synchro cord, Slave, Test button, IR
Working voltage	Stepless volume control (10~100W/s)
Output tolerance	±0.1%
Chassis	Titanium, Aluminium
Size	10×16×23cm
Weight	1.6kg
Items attached	Standard reflector, modeling lamp, synchro cord
Options	Snoot, spot, softbox, umbrella, barn-door, honeycomb grid, bag
Triggering voltage	DC 12V

### 5. Operation

- All powers are lowered, and lighting volume is minimized when a flash was released from the factory.
- Check the modeling lamp volume, flash volume, and the power is turned off before power on.
- Connect synchro cord to the synchro socket.
- Turn on power button(Red lamp on).
- Turn on modeling switch(MOD)

※ Modeling lamp lighting volume is fixed and output lighting volume can be controlled by VR

### 6. Characteristics

- Small, lightweight, and reasonable price compared to quality and function.
- Very suitable for digital photography and small studio.
- PCBs are very easily inserted and extracted by their sliding structure.
- Very suitable for portrait, profile, and digital photographing.
- Umbrella reflector, snoot, honeycomb grid, barn-door, softbox, bags are available for customers convenience.

### 7. Maintenance

- How to replace modeling lamp(BASE:E-11 or E-27)
  - Cool off and then take out the modeling lamp.
  - Be careful not to leave fingerprints or stains on the lamp, clean up the surface of lamp after replacement.
- How to replace a fuse
  - First take out the electricity cord.
  - Disassemble fuse holder and take out the fuse.
  - Check the fuse is short and replace it with a spare fuse in the fuse holder.
- How to keep flashes
  - Protect pirez dome and xenon tube from dust or stain while being kept
  - If there are dust or stain on the pirez dome or xenon tube which lifetime might be shortened or lead lower color temperature, clean up them with soft fabric.

※ Remarks

It might not recharge fully when a rated voltage is higher than input voltage.  
In this case, please check input voltage. This product can be modified for better quality without prior notice.

### 8. Trouble Shooting

STATUS	ESTIMATED CAUSE	TROUBLE SHOOTING
Photo cell does not operate	Cell is off.	Check whether cell is on or not.
	The light does not reach photo cell.	Change the position of flash so that light can reach the photo cell
	Too much light shines photo cell.	Isolate the flash from very strong light.
Synchro cord does not operate	Dust or stain on the synchro cord jack	Remove dust or stain
	Shortened synchro cord or bad connection	Replace it (Check whether it turns on or not by pressing test button)
No operation	No electricity	- Check if the electricity cord is well inserted. - Check if the contact of consent is OK. - Check the fuse.
Others	Please consult A/S center or manufacturer. They will provide you safety, insure proper operational functions and provide continuation of your warranty.	

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

741-1 Sangyeok-dong, Buk-gu, Daegu, Korea Tel : +82-53-384-9874 Fax : +82-53-384-9886  
www.alb.co.kr e-mail : alb@alb.co.kr ©2007 Aurora Lite Bank. All right reserved