

Studio Flash System

FL Battery Flash

FREE LANDER

神行者专业数码外拍闪光灯



User manual

FL Battery Flash

Technical Data

Model no.	FL-300	FL-500
Output power (Ws)	250	400
Flash guide no. (GN)	52	66
Recycling time (s)	1.0 ~ 3.5	1.0 ~ 3.9
Power regulate	1/1 ~ 1/4, 1/4 ~ 1/16 Infinitely variable	
Recycling indication	LED / Buzz	
Flash duration (t=0.5)	1/1600s	1/1200s
Color temperature	5500°K ± 200°K	
Flash output precision	1 %	
Trigger method	Sync / Flash test button	
Sync voltage	DC 7V	
Error alert	LED display and buzz indication	
Battery capacity	1/1: 180 times, 1/16: 350 times	1/1: 160 times, 1/16: 300 times
Power source	DC 14V 3000mah	
Weight (Kg)	Flash head	Handle: 1.5 / Standard: 1.7
	Power pack	2.6 Include battery 2.75 Include battery
Flash head size (mm)	∅ 165 x 125, Handle: 120	
Power pack size (mm)	184 x 84 x 210	

Our products develop continuously, if the technic parameter and function change, we will not inform moreover.

Accessories /code

Handled flash head

FL-300	01.157301
FL-500	01.157501

Standard flash head

RD - 400	01.154004
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Flash tube

5500K/400Ws	YH084
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Rechargeable power pack

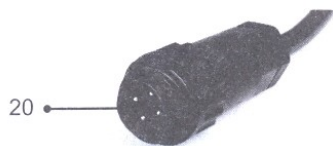
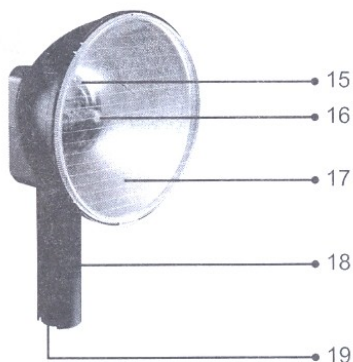
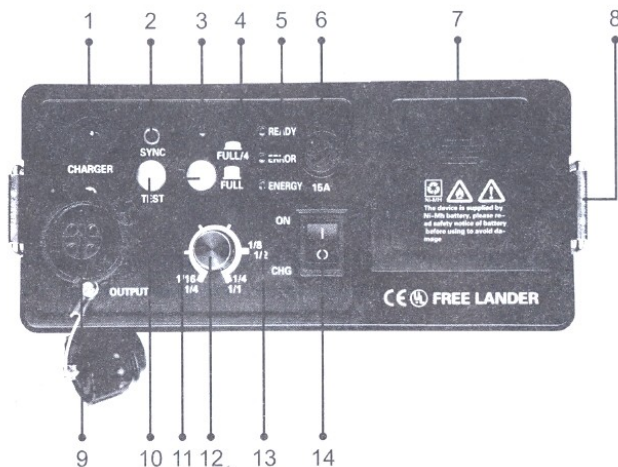
FL-300	01.157300
FL-500	01.157500

Modeling lamp 12V 35W	YH035
F15A/250V 5x20 fuse	YV004
Sync cable	YV015
Digital trigger TR-A8-1	04.401002-1
DC 14V 3000mah (Ni-Mh)	YF008

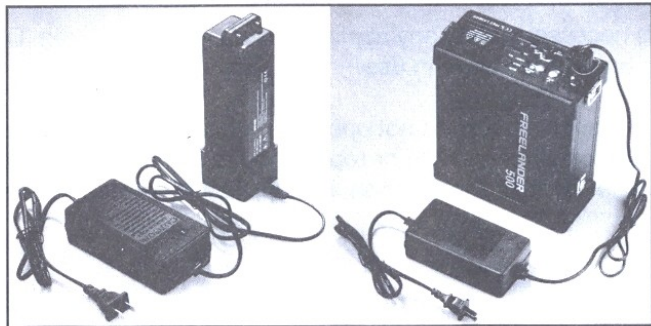
English

FL Battery Flash

Sketch map



1. Charging socket
2. Sync cable
3. Lower output instruct LED
4. Charge instruct LED
5. Error alert instruct LED
6. 15A Fuse base
7. Battery compartment cover
8. Webbing tach
9. Flash light output socket
10. Flash test button
11. High/Lower output switch button
12. Flash energy control knob
13. Battery capacity alert instruct LED
14. Power switch
15. Flash tube
16. Modeling lamp
17. Protecting
18. Lamp head handle
19. Handle lock
20. Lamp head plug



1. Charge outside

2. Charge inside



Special remind!

- Please don't disassemble the battery.
- Please don't put the battery in fire.
- Please don't make the battery in touch with any liquid.
- Please don't make the battery for other use.
- Please keep the battery away from children.

Ni-Mh battery, charger, plug adapter are only for Jinbei FL series, not for other use.

FL Battery Flash

Use Manual

1. Charge socket
Connect with charger to charge battery, and supply power for TR-A8-1 digital trigger
2. Sync socket
Flash light sync flash with camera. Sync cable or digital trigger can be selected to trigger flash.
(1). Insert one end of sync cable into flash sync cable socket, another end into the sync cable X socket of camera
(2). Insert plug of TR-A8-1 trigger receiver into sync socket and power plug into charger socket of power pack, transmitter into camera hot shoe.
If multichannel digital trigger, please note the channel address.
3. Lower output instruct LED
Press high/low output switch button, lower output instruct LED will turn on. Flash energy regulation is 1/4~1/16 now.
4. "Ready" Charge instruct LED
1) LED will light after capacitor of studio flash is 100% recharged. It reminds photographers flash light is ready to work.
2) "Ready" instruct LED glitters with buzz, it means something wrong with power pack. The device need to be checked and repaired.
5. "Error" alert instruct LED
Error alert instruct LED lighting means inner temperature of power pack is too high after continuous work and overheated protection device has started up automatically. Please turn off power pack to cool the device.
6. 15A Fuse base
The device includes fuse base. There is one working fuse in the base.
Fuse specification: F15A/250V 5x20mm
7. Battery compartment cover
To cover and protect battery.
8. Webbing tach
To connect with webbing.
9. Flash light output socket
To connect with one lamp head. When install lamp head, the slot of lamp head plug should be aimed at opposite slot of flash light output socket, then insert and lock it.
10. Flash test button
After recycling indication, you can push this button to lease flash energy or test exposure value and color temperature(it need to be used with flash meter)
11. High/Lower output switch button
Switch button in \square condition, flash energy regulation is 1/1~1/4. Press switch button to \triangle condition, flash energy regulation is 1/4~1/16 and lower output instruct LED will light.
12. Flash energy control knob
Power regulation is 1/1~1/16, includes high and low 2 level to adjust.
1) High level power adjustment: output regulation 1/1~1/4, instruction in silver white digit.
2) Low level power adjustment: press high/low output switch button, lower output instruct LED will turn on, flash energy regulation is 1/4~1/16, instruction in red digit.
13. "Energy" Battery capacity alert instruct LED
1) Instruct LED dims: it means battery capacity is enough for operating.
2) Instruct LED lights: it means battery capacity is in normal status. The device can still work.
3) Instruct LED glitters: it means battery capacity is lacking and need to be charged.
4) "Error" instruct LED and "Energy" instruct LED glitter alternately: it means battery used up and power pack stop working. It must be charged.

14. Power switch
Turn on power switch when use the device. To avoid a risk of fire, electric shock, please turn off power switch and disconnect power cable prior to cleaning up, replacing light lamp, flash tube or fuse.
15. Flash tube
Flash tube is made of quartz glass with coating technics. The color temperature is 5500°K±200°K. For different output power, the tube diameter of flash tube is different. When replace flash tube, please note the specification.
16. Modeling Lamp: G5.3 12V 35W
17. Protecting
To protect flash tube & modeling lamp & avoid impact, dirt etc.
18. Lamp head handle
To hold lamp head by hand.
19. Handle lock
To install and uninstall lamp head handle.
20. Lamp head plug
To connect lamp head with power pack, transmit and control output energy.

Basic Operating

- Operating process 1
Set Power & Charging Switch to CHG(14) side before connection. Insert Lamp Head Plug(20) to Flash Light Output Socket (9) of power pack.
- Operating process 2
Set Power & Charging Switch to ON(14) side: The device can start work when ready instruct LED lights. Charging instruct LED(4) lighting means capacitor charge completed. If "READY" flickering and BUZZ means capacitor over voltage and stop working.
Battery Capacity Instruct LED(13) displays remaining battery capacity. Dimming means full power, glittering means low battery capacity.
Use Flash Energy Control Knob(12) to adjust flash output power. Adjustment range is 1/1~1/16 stepless. 1/1 is full output power and 1/16 is minimum.
- Operating process 3
Push Flash Test Button(10), it can test if the device is in working status and measure exposure value of flash output power(it need to be used with flash meter)

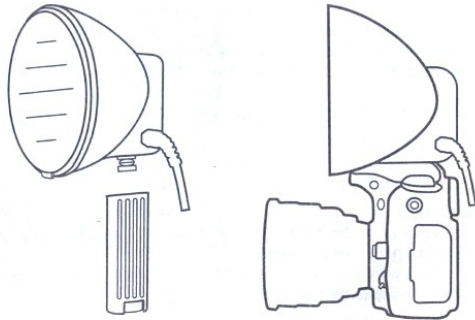
- Operating process 4
A. Sync Cable
Insert one end of sync cable into Sync Cable & Trigger Socket(2), another end into sync cable X socket of camera. The device will flash synchronously with camera shutter.(not all cameras equipped with X socket)
B. Digital Trigger
Wireless frequency signal transmit and receive. Insert trigger transmitter into camera hot shoe, plug of receiver into Sync Cable & Trigger Socket(2), and power plug into Charge Socket(1) of power pack. Adjust the channel address of transmitter and receiver to same address, press shutter to trigger flash synchronously.

- Operating process 5
Disassemble lamp head handle(18): Loosen handle lock(19) to disassemble handle, then lamp head can be set on hot shoes of camera and flash synchronously by sync(camera with X sync socket).

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Accessory

FL series rechargeable power pack is compatible with RD-400 standard flash head which can install JINBEI three-claw accessories, such as soft box, reflector, umbrella etc. It can be held in hand and set on light stand also when you take pictures.



FL handled flash head
transparent slice
08.157008



RD-400 standard flash head
01.154004



FL-300 series kit
01.157302

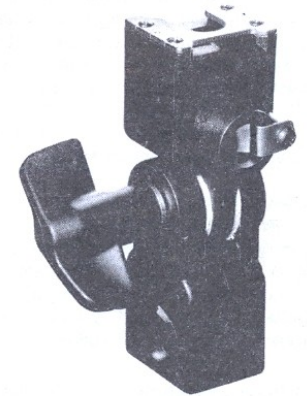
FL-500 series kit
01.157502

FL carrying case
08.600059

FL Battery Flash



Umbrella adapter
08.157006



News light bracket
08.977003



TR-A8-1
flash trigger
04.401002-1



Power cable
L: 5m
YV059

