

Nissin Power Pack PS 8 is an external power booster for an electronic flash.

By using this Power Pack PS 8 together with the regular power source in the flash body, the recycle time to charge up is reduced to 1/4 compare to that with the regular power source only. Furthermore, the maximum number of flashes is increased significantly.

Two power supply sockets are provided so that two flashes can be used together at the same time.

Before using the Power Pack PS 8, please read this operation manual and refer to your flash owner's manual carefully to get a better understanding of proper operation to enjoy flash photography.

Nissin supplies different kinds of power supply cables according to the brand of flash that you are using. You must have the proper cable for your flash to connect to the Nissin PS 8. Please pay attention to the following combination chart.

Cable with plug C for Canon type flash unit:

Nissin Di866 Canon, MG8000 Canon, MF-18 Canon
Canon 600EX-RT, 580EXII, 580EX, 550EX

Cable with plug N for Nikon type flash unit:

Nissin Di866 Nikon, MG8000 Nikon, MF-18 Nikon
Nikon SB910, SB900, SB800

With your Power Pack PS 8 you have received one cable of the desired kind of your flash unit. If you need another one or two cables of the other kind, you can purchase them from your dealer separately.

SAFETY INSTRUCTION

This safety instruction refers important information to use the product safely and properly. Please read the following instructions before using the product.

WARNING

This sign refers the danger or serious damage.

- This power pack contains high voltage electric parts. Do not try to open or rework the power pack. Keep the power pack away from small children.
- Should the PS 8 become damaged or broken, do not touch any parts which may be exposed. Return it to the repair service station or the store where you bought it.
- Do not use the power pack nearby flammable gas, chemicals or such liquids. It may cause fire or electric shock.
- Do not touch the power pack with wet hands. The power pack carries high voltage inside and it may cause an electric shock.
- Plug the battery firmly to the charger's sockets. Plugging the battery in loosely can cause exothermic heat.

CAUTIONS

This sign refers to a damage or defect.

- Do not leave or store the power pack at temperature over 40°C/105°F such as in an automobile.
- The power pack is not water resistant. Keep it away from rain, snow and humidity. Do not use in wet places, such as bathrooms or in the rain.
- Do not use benzene, thinner or other alcoholic agents to clean the body and the leatherette case.
- Use Nissin's original battery only. Do not use other batteries (battery cluster), otherwise it may damage the generator circuitry.
- Since the PS 8 power source is stronger than the regular battery source in the flash, repeated flash output beyond the limit of the flash, may damage the flash. Some flashes provide a special circuit to protect from a potential overheating problem. Before using this power pack, read the safety instruction of the flash carefully and follow its directions.

MUST-READ

1. Do not shoot more than 20 continuous full power flashes, which may damage the flash circuit. Interrupt the shooting of flashes for 10 to 15 minutes after such continuous shooting.
2. When using one flash power supply cable only, the open socket is to be capped since it carries a high voltage at its contacts.
3. This power pack is effective only when the flash unit is operational. Do not remove the batteries in the flash unit.
4. For safety reason, the power pack can be switched on only when the flash power supply cable is plugged into the socket on the power pack main body.
5. Using two flashes together requires more energy from the batteries and this may result in a longer recycle time than using one flash.
6. The oscillating circuit is automatically switched off for safety protection when the power pack main body circuit is overheated. The flash is then charged by its own batteries in the flash unit only and the recycle time becomes longer. The oscillation is suspended to cool down the power pack main body circuit for about 4 to 5 minutes and it returns to the normal operation automatically.

Nomenclature



- 1 Power Pack Main Body
- 2 Power Switch
- 3 LED Indication Lamp (Power ON / Power Level)
- 4 Socket 1
- 5 Socket 2
- 6 USB Socket
- 7 Power Supply Cable
- 8 Battery
- 9 Soft Case
- 10 Rainproof Cover
- 11 Strap
- 12 AC Adapter and Power Cable for AC Adapter

Before Use

REMOVING THE BATTERY PACK

※Please make sure that the power pack is turned off.

- 1 Pull out "LOCK" in the bottom of power pack.



- 2 Pull up "OPEN" at side of power pack to unlock.

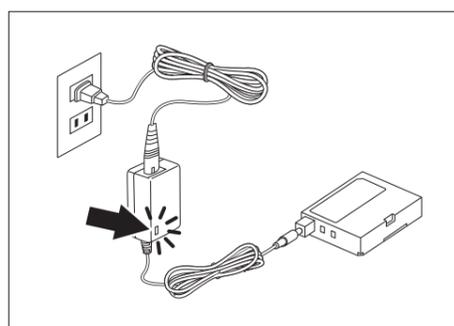
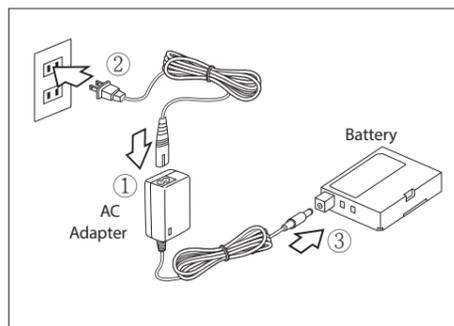


- 3 Pull out the battery from the main body.

CHARGING THE BATTERY

* Be sure to use Nissin's original battery.

- Connect the power cable for AC adapter to the AC outlet and plug the other end to the AC adapter. (Fig. 1)
- Connect the AC adapter to the socket of the battery.
- A red lamp on the charger turns on and this indicates that charging has been started. (Fig. 2)
- The battery will be fully charged in about 4 hours.
- The red lamp turns green when the battery is charged up.
- Disconnect the socket of the battery from the charger. Remove the charger from the outlet when not in use.



CONNECTING THE BATTERY

- Make sure to switch off the Power Pack PS 8. (Fig. 3)



Fig. 3

- Pull out the 'LOCK' Button and Put the battery inside the power pack main body. (Fig. 4)



Fig. 4

- Push the "LOCK" button and make sure it is locked safely. (Fig. 5)



Fig. 5

- Return the power pack main body into the soft case and close the flap. (Fig. 6)



Fig. 6

CONNECTING THE POWER SUPPLY CABLE

⚠ Make sure to switch off both the Power Pack and the flash unit.

Using one flash unit only

- Use the compatible flash power supply cable for your flash. Hold the connector of the flash power supply cable in front of the socket with both guide marks on the connector and on the socket coinciding and insert it into the socket straightly. You can plug the connector into either socket 1 or socket 2. (Fig. 7)



Fig. 7

- Cap the open socket with the socket cap strapped at the socket.



Fig. 8

- Connect the plug at the other end of the power supply cable to the flash unit.



Fig. 9

Using two flash units simultaneously

You can use two flashes together at the same time.

These two flashes can be either the same brand, or two different brands mixed, as far as the power supply cable is compatible to those respective flashes. (Fig. 9)

For connecting both of the cables, please follow the instruction as given above (Fig. 9) for one flash unit only. Connect the plug of each flash power supply cable to the corresponding flash unit. (Fig. 10).



Fig. 10

Connecting to the USB device

- Plug the USB Connector (Type A) to the Power Pack PS 8 USB socket and switch ON the Power to start charging.
- Unplug the USB connector when the charging is completed

POWER ON

- Make sure the batteries are correctly inserted in the flash unit while switching on the power pack. Without the batteries in the flash, the flash will not work.
- The power pack will not be able to switch on if the power supply cable is not connected.
- Select the power output, such as "Low", "Mid" or "High". (Fig. 11)



Fig. 11

"Low" Power

Minimum power output, battery saving mode.

"Mid" Power

Medium power output. This helps to prevent the flash from overheating. It is recommended while charging one flash only.

"High" Power

It is recommended to use this mode while connected to a Nissin MG8000, or when two flashes are connected in order to optimize the performance.

- Turn off the power when not using.

※Beware for the power switch. Switch remaining ON for long period of time, may cause over discharge and damage the battery.

BATTERY LEVEL INDICATOR

- When the battery level is less than or equal to 30 percent, the LED lamp turns from "green" to "red". When the LED begins to "flash red", the battery is nearly discharged. Please replace the battery with a fully charged battery, or recharge the exhausted battery at this time.

DISCONNECTING POWER SUPPLY CABLE

- Make sure the Power Pack has been switched OFF



Fig. 12

SPECIFICATIONS

Power Source	Nissin Power Pack Battery 3000
Battery Life	500 times of charge/discharge
Battery Charging Time	4 Hours, approx.
USB Output Voltage	5V (2A)
Flash Recycle Time	0.5~0.7 sec, approx. (full power output)
Number of Flashes	550 full flashes per charge (Full Power)
Dimensions (Body)	180 (H) x 100 (W) x 40 (D) mm 71 (H) x 3.9(W) x 1.6 (D) inches
Weight	794g / 28 oz (With Battery & Power Cable)

※ Design And Specifications Are Subject To Change Without Prior Notice

WARRANTY :

In case of the following reasons of a defect, the warranty may be void. For details, please look up the respective condition on your warranty card because it may vary from country to country.

1. The product has not been used in accordance with the instruction of the owner's manual.
2. The product is been repaired or modified by somebody else other than an authorized repair service center.
3. The product has been used with the flash unit not applicable (not compatible).
4. Fault or defect has been caused by fire, earthquake, flood, public pollution and such natural disaster.
5. The product has been stored or used in moisture, dust, extremely high temperature or such poor conditions.
6. Scratch, blemish, crush or other sign of wear by violent use or treatment.
7. Guarantee card without dealer's name and address, without date of purchase and dealer's stamp, or no guarantee card at all.