NISSIN
DIGITAL

Innovation Without Limits

Nissin
DIGITAL

PS 8

Nissin Digital
Camera Flash Catalogue

2013
2014

POWER PACK
PS 8

New 2013

EXTERNAL POWER BOOSTER

- **For Canon Flash System**
- **For Nikon Flash System**
- **For Sony Flash System**

Compact · Lightweight

The core boosting circuit of Nissin Power Pack PS 8 has been redesigned to reduce the heat, compare with previous model, it now uses a high-strength plastic instead of a metal housing for the body. Because of this, the size is now more compact while maintaining the high-performance at the same time.

Quick-loading battery cartridge

The Nissin Power Pack PS 8 has a new battery cartridge design. In addition to greatly increasing the battery capacity, the new battery design helps to decrease the overall weight.

Battery level indication LED

When the battery level is less than or equal to 30%, it turns from "green" to "red" and the LED beings "blinking red", this indicates that the battery is nearly discharged.

High Speed charging

The Power Pack PS 8 provides high speed charging, approximately 0.7s to recharge MG8000 and it can be shooted 550 flashes per every full power output (GN 60).[#1]

[#1]Tested with Nissin Power Pack PS 8 full charged battery and MG8000 full charged 4 x LR6 rechargeable batteries.

USB socket

USB power output which supports DC 5V 2A output. It can be a fast charging device for Image data transfer or others like smartphones and tablet devices in case of any emergency.

Output sockets

Provides 2 power sockets. Users are able to work with 2 flashes at the same time. A variety of power supply cables are provided for different camera brands.

- External Power Pack Socket in Nissin MG8000/ Di866 Mark II/ Di866/ Di700 flash and MF18 macro flash.

Operation unit and Accessories

Control Panel

Battery Pack

Charger, Power Cord and Power Supply Cable

Soft Case

[Specifications of Power Pack PS 8]

Type	For Canon, Nikon and Sony Digital SLR cameras (*1)
Output sockets	Flash external power socket x 2 (Same as PS300), USB (Type A, power output only) x 1
Output voltage	DC 320V
Output Power control	3 levels (high, medium, low)
Flash Charging time	0.5 - 0.7 sec (full power illumination)
Battery type	Ni-MH battery pack
Battery life (Approx.)	550 times (full power output)
Battery level indication LED	LED type (100 - 30%: green, Lower than 30%: red, Battery low: blinking red)
Battery loading system	Quick loading cartridge (with two-stage locking device)
USB power output	DC 5V·2A
Accessories	Power Supply Cable, Ni-MH battery pack charger, strap, Soft case
Dimensions	182 (H) x 100 (W) x 38 (D) mm/ 7.2 (H) x 3.9 (W) x 1.5 (D) inches
Weight	710g/ 25oz（with Ni-MH battery pack)

[Specifications of Ni-MH battery pack]

Type	Cartridge type (with two-stage locking device)
Output voltage	DC 7.2V
Capacity	3,000 mAh
Charging time (Approx.)	4 hours
Charge Discharge cycle (Approx.)	500 cycles
Dimensions	110 (H) x 74 (W) x 27 (D)mm/ 42 (H) x 2.9 (W) x 1 (D) inches (*2)
Weight	386g/ 13.6 oz.

(*1) Applicable to Pentax with power cord for Nissin PS300
(*2) The size is including prominent parts

*Additional accessories are available for purchase - Power Supply Cable (Canon/ Nikon/ Sony), Nissin PS 8 Power Pack Battery.

MG8000
EXTREME

HIGH HEAT RESISTANCE FLASH

- **For Canon DSLR Camera**
- **For Nikon DSLR Camera**
- **Guide Number [85 (m)/280 (ft)] (ISO 200/105 mm)**
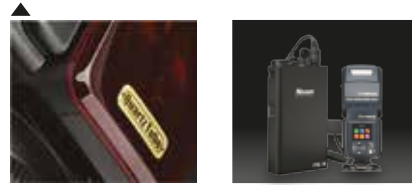 **[60 (m)/198 (ft)] (ISO 100/105 mm)**

TIPA AWARDS 2013

High Heat Resistance

The high heat resistance materials are developed for this unique model to achieve more than 1,000 times continuum emitting with full flash power without overheating problems.

Using the latest quartz tube design

Capture the important moments, and reliably in the case of high power and high frequency flash shooting, without concerns about overheating flash effects.

Equipped with flash diffuser

For full frame digital SLR camera, you can greatly expand the flash illumination angle and also weaken the shadow of the edge from direct flash lighting, suitable for portrait photography.

Combination

High-performance MG8000 with Nissin Power Pack PS 8/ PS300 can speed up the recycle time to achieve high power and frequency of flash photography.

Rear curtain sync and High speed shutter

In Rear curtain sync., the flash fires just before the rear curtain closes. By using this function at slow shutter speeds, a moving subject will appear with such moving marks behind.
High speed sync. is recommended for daylight flash photography.

Quick Loading Battery Magazine

The MG8000 has a battery magazine system which is the same as the Di866. A convenient battery magazine provides all four AA batteries load in the same direction, so that the batteries can be correctly inserted without fail even in the poor light condition.

Wireless TTL

The MG8000 Wireless TTL system supports Canon E-TTL/ E-TTL II and Nikon i-TTL. MG8000 can be used in combination with Canon and Nikon original flash units as either Master or Remote (Slave).
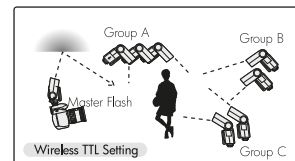The MG8000 also supports digital (pre-flash system) and analogue (film type camera's flash and/ or studio strobe under both of Manual and Av. priority mode.

Master	Ch 4
M.Zoom	105 mm
M TTL	+0.3
A M	1/128
B TTL	-0.3
C	---

Remote	
Channel	1
Group	A
M.Zoom	105 mm

Wireless TTL- Master Mode (Nikon type)

Wireless TTL- Remote Mode

Group A   Group B
Master Flash
Wireless TTL Setting   Group C

More Features

- **Metal Hotshoe**
  Durable metal hotshoe design, easy to install and reduce the chance of damage caused by installation.

- **Sub-Flash**
  The MG8000 provides a sub flash below the main flash. This small flash gives a fill-in light while bouncing the main flash. Bouncing the light may shadow the underside of face, and this fill-in flash brightens up the shadow.

- **My TTL**
  TTL exposure level is accurately calibrated for standard balance in accordance with Nissin's standard. If any adjustment is however required, or if you like to set your own preferable level, it can be adjust for about +/- 3EV by every 1/3 EV step.

- **External Service Box**
  ① External Power Pack Socket – MG8000 supports Nissin Power Pack PS 8/ PS300. The number of flashes is increased and the recycling time is shortened.
  ② PC Sync Terminal – MG8000 has PC sync terminal socket for flash synchronization.
  ③ USB Service Port – MG8000 provides a USB port to upgrade to the latest firmware.

*Additional accessories are available for purchase - Battery Magazine BM-01, Nissin Power Pack PS 8.

MARK II
Di866 PROFESSIONAL
HIGH TECH FLASH

- **For Canon DSLR Camera**
- **For Nikon DSLR Camera**
- **For Sony DSLR Camera**
- **Guide Number** [85(m)/280(ft)] (ISO200/105mm)
  [60(m)/198(ft)] (ISO100/105mm)

Side navigation icons:
- E-TTL II Canon
- i-TTL Nikon
- ADI , P-TTL Sony
- Color Display
- TTL Compensation
- Manual Power Ratio
- Auto Aperture Flash
- Remote Flash SD/SF
- Wireless TTL Remote & Master
- Auto Zoom
- Bounce Lighting Tilt & Swivel
- AF Assist Light
- Silent Humming
- My TTL
- Sub Flash
- Power Pack
- Sync Contact

Auto Rotation & Color Display

The color display will automatically rotate from horizontal to vertical as the flash is rotated and the user friendly six icon interface represents each of the modes of operation– Auto, TTL, Manual/Av, Multi, Wireless TTL (Master/ Remote) and Customer Setting.

- Full Auto Mode
- TTL Mode
- Manual Setting Mode
- Multi-flash Mode
- Wireless TTL Flash Mode
- Custom Setting Mode

Quick Loading Battery Magazine

The Di866 Mark II has a battery magazine system which is the same as the Di466. A convenient battery magazine provides all four AA batteries load in the same direction, so that the batteries can be correctly inserted without fail even in the poor condition.
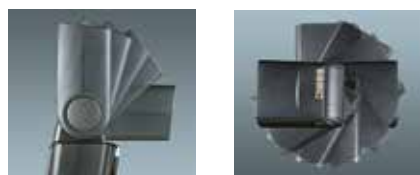
Auto Zoom

Auto Zoom covers 24~105mm focal range. Light diffusing panel covers wide 18mm (35mm format)

Flash Head

Flash head tilts up to 90 ° and rotates horizontally 90 ° to the right and 180 ° to the left.
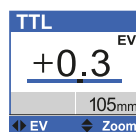
Digital TTL

TTL: Support Canon E-TTL, E-TTL II, Nikon i-TTL and Sony ADI/ P-TTL. Flash light is automatically controlled by the camera but the flash exposure value can be compensated.
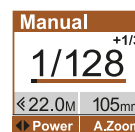
Manual: Flash power can be adjusted manually at 22 levels, from full power to 1/128 power at every 1/3 stops. The appropriate distance to the subject is shown in the display in accordance with the aperture value set on the camera.

Av priority: The flash light can be automatically controlled by the photo sensor built-in the flash unit instead of TTL metering . The F. Stop can be set from F1.4~F16. The distance at the F-stop set on the flash and camera is shown in the display.
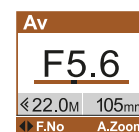
Multi Flash: Repeating flash for multi-exposure image in one frame. The power ration can be set from 1/8 to 1/128.
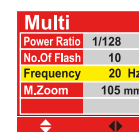
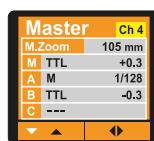| TTL	Manual	Av	Multi
+0.3 EV	1/128 +1/3	F5.6	Power Ratio 1/128
			No.Of Flash 10
			Frequency 20 Hz
105mm	22.0M 105mm	22.0M 105mm	M.Zoom 105 mm
EV / Zoom	Power / A.Zoom	F.No / A.Zoom	

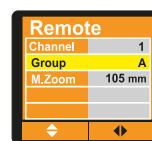TTL Mode · Manual Mode · Av priority Mode · Multi-flash Mode

Wireless TTL

The Di866 Mark II Wireless TTL system supports Canon E -TTL/ E-TTL II, Nikon i-TTL and Sony ADI/ P-TTL. Di866 Mark II can be used in combination with Canon, Nikon or Sony original flash units as either Master or Remote (Slave).
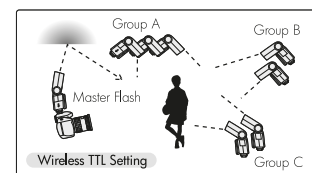The Di866 Mark II also supports digital (pre-flash system) and analogue (film type camera's flash and/or studio flash under both of Manual and Av. priority mode.

Master	Ch 4
M.Zoom	105 mm
M TTL	+0.3
A M	1/128
B TTL	-0.3
C ----	

Remote	
Channel	1
Group	A
M.Zoom	105 mm

Wireless TTL- Master Mode (Nikon type)

Wireless TTL- Remote Mode

Group A · Group B · Master Flash · Wireless TTL Setting · Group C

More Features

- **Metal Hotshoe**
  Durable metal hotshoe design, easy to install and reduce the chance of damage caused by installation.

- **Sub-Flash**
  The Di866 Mark II provides a sub flash below the main flash. This small flash gives a fill-in light while bouncing the main flash. Bouncing the light may shadow the underside of face, and this fill-in flash brightens up the shadow.

- **My TTL**
  TTL exposure level is accurately calibrated for standard balance in accordance with Nissin's standard. If any adjustment is however required, or if you like to set your own preferable level, it can be adjust for about +/- 3 EV by every 1/3 EV step.

- **External Service Box**
  ① External Power Pack Socket – Di866 Mark II supports Nissin Power Pack PS 8/ PS300. The number of flashes is increased and the recycling time is shortened.
  ② PC Sync Terminal – Di866 Mark II has PC sync terminal socket for flash synchronization.
  ③ USB Service Port – Di866 Mark II provides a USB port to upgrade to the latest firmware.

*Additional accessories are available for purchase - Battery Magazine BM-01, Nissin Power Pack PS 8.

Di700

HIGH-PERFORMANCE ADVANCED FLASH

- For Canon DSLR Camera
- For Nikon DSLR Camera
- For Sony DSLR Camera[#2]
- Guide Number [54(m)/177(ft)] (ISO100/200mm)
[48(m)/157(ft)] (ISO100/105mm)

[#2] Di700 Sony system will be launched later

New 2013

*The control panel is synthesized by computer

Sidebar icons: E-TTL II Canon · i-TTL Nikon · ADI, P-TTL Sony · Color Display · Selector dial · TTL Compensation · Manual Power Ratio · Auto Zoom · Remote Flash SD/SF · Bounce Lighting Tilt & Swivel · AF Assist Light · Wireless TTL Remote · Power Pack · Sync Contact
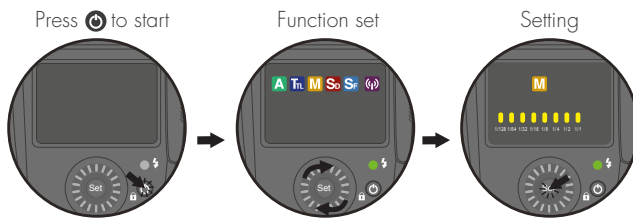
Stylish design with enhanced user experience

The new Nissin Di700 comes with the stylish look; color display panel and selector dial. Even beginners can quickly get started. All settings can be easily operated by one finger-tip.

User Interface

Press ● to start | Function set | Setting
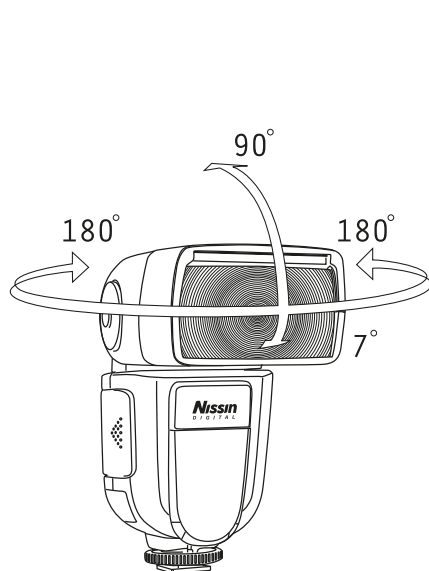
A Tᴛʟ M Sᴏ Sꜰ | M

Selector dial

The Di700 features the use of a selector dial to quickly move through all settings.

Professional flash head design

It has rotating lock release buttons. Fash head rotates horizontally 180 ° to right and left, tilts up to 90 ° and expanded 7 °of downward tilt, which is suitable for close up photography. It makes bounce shooting more arbitrary, with more angles that can be used.
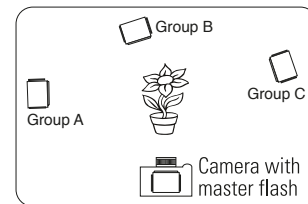
90°
180° 180°
7°

Lock release button

Wireless TTL Slave

For Canon and Nikon systems: In this mode, Di700 synchronizes to the wireless remote flash system. For remote all channel groups A/B/C in digital flash.

For Sony system: In this mode, Di700 synchronizes to the wireless remote flash system. For remote RMT all channel groups RMT, RMT 1 in digital flash.

Group B

Group A

Group C

Camera with master flash

Focal length range coverage of 24-200mm

The auto zoom coverage has increased to 24~200mm from its predecessor. It can achieve maximum output of GN54 at 200mm.

More Features

- **Supports high-speed synchronization**
  Support up to 1/8,000 seconds shutter speed.[#3]
  [#3] The shutter speed depending on the camera.

- **Wireless TTL mode**
  Supports Canon E-TTL/ E-TTL II, Nikon i-TTL and Sony ADI/ P-TTL. Various slave settings offer flexible wireless flash combination.

- **External Service Box**
  ① External Power Pack Socket - The Di700 supports Nissin Power Pack PS 8/ PS300. The number of flashes is increased and the recycling time is shortened.
  ② The Di700 has Standard & 3.5mm PC sync terminal sockets are built-in for flash synchronization.

- **Battery Magazine - BM - 02**
  The new design of battery magazine perfectly matches with the stylish look of the Nissin Di700.

①
②

Di600

ADVANCE LEVEL FLASH

- For Canon DSLR Camera
- For Nikon DSLR Camera
- Guide Number   [62(m)/205(ft)] (ISO200/105mm)
                 [44(m)/145(ft)] (ISO100/105mm)

New 2013

Feature badges
- E-TTL II Canon
- i-TTL Nikon
- TTL Compen-sation
- Manual Power Ratio
- AF Assist Light
- Auto Zoom
- Bounce Lighting — Tilt & Swivel
- My TTL
- Sync Contact
- Wireless TTL Remote
- Remote Flash SD/SF

Remote Flash

The wireless remote flash system of the Di600 can be used as Wireless TTL remote respone to Channel 1 Group A on Master flash. Slave Digital (SD) for digital pre flash system and Slave film (SF) for analogue flash system. You can place numbers of flashes (called slave flash) to light up the subject from multiple directions.
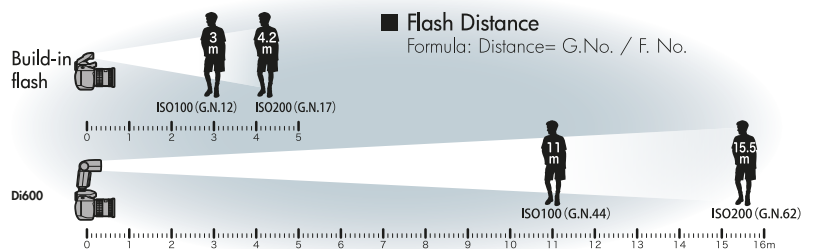
Di600   Master flash

High Power

Di600 can brighten up the subject at 11meters (36 ft.) away at F4, whereas the flash in the camera can reach 3 meters (9.8ft.) (ref.:ISO 100).
Auto zoom reflector focuses the beam and shoots it to the longer distance. For bounce lighting photography, or when using diffuser, high power is an essential factor.

■ Flash Distance
Formula: Distance= G.No. / F. No.

Build-in flash

3 m   4.2 m

ISO100 (G.N.12)   ISO200 (G.N.17)

0 1 2 3 4 5

Di600

11 m   15.5 m

ISO100 (G.N.44)   ISO200 (G.N.62)

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16m

TTL Compensation

The Di600 can compensate the flash exposure value up to +/- 1.5 EV in 5.0 EV increments. Keeping the exposure value of the back scene, you can adjust the exposure value on main subject only by TTL flash level compensation technology.

More Features

● **My TTL Setting**

TTL exposure level is accurately calibrated for standard balance in accordance with Nissin's standard. If any adjustment is however required, or if you like to set your own preferable level, it can be adjust for about +/- 0.75EV. by every 0.25EV increment. The pre-set "My TTL" is memorized after switching the unit off.

● **6 levels manual power control**

Manual: Flash power can be adjusted manually at 6 levels, from full power to 1/32 power.

● **Firmware Update Service Terminal**

For latest firmware update

** Please check this service at the local Nissin Distributor or authorized service provider.**

● **External Synchronization**

The Di600 has Standard & 3.5mm PC sync terminal sockets for external flash synchronization.

Bounce Lighting

Bouncing the light is another technique to master flash photography. The flash head turns to any direction, 90° to the left, 180 ° to the right. Use the small fill-in reflector build into the flash head. Bounce the light off the ceiling. A catch light into eye creates an impressive image, and the source of light is changed from the flash to the soft surface light from the ceiling.[#4]

[#4]The color of ceiling may reflect to the subject when bounce lighting.

Di466

MULTI FUNCTION FLASH

- **For Canon DSLR Camera**
- **For Nikon DSLR Camera**
- **For Four Thirds Digital Camera**
- **Guide Number   [46(m)/150(ft)] (ISO100/200mm)**
  [33(m)/109(ft)] (ISO100/105mm)

*Special edition

Sidebar labels

- E-TTL II Canon
- i-TTL Nikon
- 4/3 System
- M4/3 System
- TTL Compensation
- Manual Power Ratio
- Remote Flash SD/SF
- Auto Zoom
- Bounce Lighting
- Tilt
- AF Assist Light
- My TTL

Dual Program Remote Flash

The remote flash system of the Di466 / Di466 Four Thirds can be used as either analogue (single flash) or digital (pre-flash) flash system. Variable power of 6 steps is available. Off camera flash photography offers you a different configuration of lighting image. Use multiple number of Di466 / Di466 Four Thirds and enjoy professional flash technique.

Master flash

Di466

TTL Compensation

The Di466 / Di466 Four Thirds can compensate the flash exposure value up to +/- 1.5 EV in 0.5 EV increments. Keeping the exposure value of the back scene, you can adjust the exposure value on main subject only by TTL flash exposure level compensation technology.

Flash +1.0 EV

Flash ± 0EV

Flash -1.0EV

Fill-in reflector and Light diffusing panel installed

Firmware Update Service Terminal

For latest firmware update

** Please check this service at the Nissin Distributor or authorized service provider

More Features

- **My TTL Setting**

  TTL flash power level is pre-set for seasonable exposure. The pre-set "My TTL" is memorized after switch the unit off. The usual TTL flash level compensation works based on this customized level.

- **Battery Magazine - BM - 01**

  For quick battery loading, the Di466 / Di466 Four Thirds has a battery magazine system. A convenient battery magazine allows all 4 batteries' to be loaded in the same direction. The batteries can be inserted correctly even in the poor light condition.

For Four Thirds Camera

*Additional accessories are available for purchase - Battery Magazine BM-01.

MF18
MACRO FLASH

MACRO FLASH
- **For Canon DSLR Camera**
- **For Nikon DSLR Camera**
- **Guide Number   [23(m)/76(ft)] (ISO200/35mm)
                   [16(m)/53(ft)] (ISO100/35mm)**

E-TTL II
Canon

i-TTL
Nikon

Color
Display

TTL
Compen-
sation

A:B
Ratio
Left/Right

Wireless
TTL
Master

Modeling
LED

My
TTL
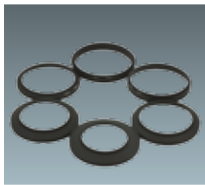
Power
Pack

Sync
Contact

Digital TTL

Ring flash MF18 supports Canon E-TTL/ E-TTL II and Nikon i-TTL. Flash light is automatically controlled by the camera and the flash exposure value can be compensated.

Modeling LED

LED focus lamp with light ratio control, makes it easy to focus on the shooting subject. The brightness reflects flash power ratio setting of left and right, the effect can be previewed.

Modeling LED switch on

Wide range of lens mount adaptation

Extendable flash head assorts with macro lens mount adaptors from 49 to 82mm. *Original package included 52, 58, 62, 67, 72 and 77mm (49, 55 and 82mm are optional for purchase).

*MF18 for Canon / Nikon package

Lens mount adaptors

Expended

More Features

- **Metal Hotshoe**
  Durable metal hotshoe design, easy to install and reduce the chance of damage caused by installation.

- **External Service Box**
  ① External Power Pack Socket – The Ring flash MF18 supports Nissin Power Pack PS 8/ PS 300. The number of flashes is increased and the recycling time is shortened.
  ② PC Sync Terminal – The Ring flash MF18 has PC Sync Terminal socket for flash synchronization.
  ③ USB Service Port – The Ring flash MF18 provides a USB port to upgrade to the latest firmware.

User Friendly Color Display

Design of color display with auto rotating from horizontal to vertical as the flash is rotated and the user friendly six icon interface represents each of the modes of operation – Auto, TTL, Wireless TTL (Master), Fine Macro, Manual and Customer Setting.

*Additional accessories are available for purchase - Battery Magazine BM-01, Nissin Power Pack PS 8.

Accessories

Universal Shoe Cord SC-01

Off camera TTL Cord having multi-shoe contacts. This single cord will work with Canon, Nikon, Fujifilm, Pentax and Samsung hotshoe cameras when used with an appropriate dedicated flash.

Length of cord: 30cm/12 inch when folded /
150cm/59 inch when expanded

Battery Magazine BM-01

A battery magazine is separately available for MG8000, Di866 Mark II, Di866, Di466 and MF18. Keep one extra with your flash for an easy and quick reloading.

Battery Magazine BM-02

New 2013

A battery magazine is separately available for Di700. Keep one extra with your flash for an easy and quick reloading.

Power Supply Cable (Canon/ Nikon/ Sony)

A power supply cable (Canon/ Nikon/ Sony) is separately available for Nissin Power Pack PS 8/ PS300. Keep one extra with your Power Pack for two flashes at the same time.

Power Pack Battery - PS 8

New 2013

A power pack battery is separately available for Nissin Power Pack PS 8. Keep one extra with your Power Pack for an easy and quick reloading.

Products Specification

		MG8000	Di866 Mark II	Di700
Guide Number	Angle coverage	M / Ft	M / Ft	M / Ft
	24mm	31/102	31/102	22/73
	28mm	36/119	36/119	25/83
	35mm	40/132	40/132	28/92
	50mm	46/152	46/152	32/106
	70mm	52/172	52/172	41/135
	85mm	54/178	54/178	47/155
	105mm	60/198	60/198	48/158
	135mm	–	–	49/162
	200mm	–	–	54/178
Focal Length Coverage (35mm Equiv.)		24~105mm	24~105mm	24~200mm
Wide Angle Diffuser		External Diffuser Included	18mm (Build-in)	16mm (Build-in)
Power Source		4 x AA battery	4 x AA battery	4 x AA battery
		※ Alkaine, NiMH		
Quick Loading System (BM-01/ BM-02)		BM-01	BM-01	BM-02
Recycle Time	NiMH battery	0.1 ~ 5.5 seconds	0.1 ~ 5.5 seconds	0.1 ~ 4 seconds
	Alkaline battery	0.1 ~ 5.5 seconds	0.1 ~ 5.5 seconds	0.1 ~ 4.7 seconds
Number of Flashes	NiMH battery	150 ~ 1,500 times	150 ~ 1,500 times	200 ~ 1,500 times
Flash Duration	Manual mode	1/300 (Full Power)	1/300 (Full Power)	1/800 (Full Power)
	TTL mode	1/300 ~ 1/30,000 seconds	1/300 ~ 1/30,000 seconds	1/800 ~ 1/30,000 seconds
Energy Saving	Auto power off	Off, 10,15, 30, 45, 60 minutes	Off, 10,15, 30, 45, 60 minutes	60 minutes
	Stand-by mode	30 seconds	30 seconds	A/TTL/M - 2mins, SD/SF/Wireless - 5mins
	Display off	Display screen switch off	Display screen switch off	–
Color Temperature		5,600K	5,600K	5,600K
Flash Power Control System	Full Auto	E-TTL, E-TTL II (for Canon)	E-TTL, E-TTL II (for Canon)	E-TTL, E-TTL II (for Canon)
			i-TTL (for Nikon)	i-TTL (for Nikon)
		i-TTL (for Nikon)	PTTL, ADI (for Sony)	PTTL, ADI (for Sony)
	TTL	E-TTL, E-TTL II (for Canon)	E-TTL, E-TTL II (for Canon)	E-TTL, E-TTL II (for Canon)
			i-TTL (for Nikon)	i-TTL (for Nikon)
		i-TTL (for Nikon)	PTTL, ADI (for Sony)	PTTL, ADI (for Sony)
		EV compensation ± 3.0EV	EV compensation ± 3.0EV	EV compensation ± 2.0EV
	Auto Aperture Flash	F1.4~F16, 1/3EV steps	F1.4~F16, 1/3EV steps	–
		Manual zoom, Sub-flash allowed	Manual zoom, Sub-flash allowed	
	Manual Power Ratio	Full ~ 1/128, 1/3EV steps	Full ~ 1/128, 1/3EV steps	Full~1/128, 1/2EV steps
		Manual zoom, Sub-flash allowed	Manual zoom, Sub-flash allowed	
	Multi-flash	Frequency~90Hz	Frequency~90Hz	–
		1~90 times	1~90 times	
		Power 1/8~1/128	Power 1/8~1/128	
Wireless Remote	Slave	Digital slave	Digital slave	Digital slave
		Film/ Studio slave	Film/ Studio slave	Film/ Studio slave
	Wireless TTL	Master / Remote	Master / Remote	All channel Groups A/B/C (Canon/ Nikon)
		4 Channels	CTRL / RMT	
			4 Channels	
		Canon/Nikon - Groups	Canon/Nikon - Groups: 3 groups (A,B,C)	RMT all channel Groups RMT/RMT1 (Sony)
		3 groups (A, B, C)	Sony - Groups: RMT, RMT1	
		Modes: Off/ TTL/ Manual	Modes: Off/ TTL/ Manual	
		TTL Flash Ratio Adjustable For Canon	TTL Flash Ratio Adjustable For Canon	
Ev Compensation on flash		-3.0~+3.0, 1/3EV steps	-3.0~+3.0, 1/3EV steps	-2.0~+2.0, 1/2EV steps
My TTL Setting		-3.0~+3.0, 1/3EV steps	-3.0~+3.0, 1/3EV steps	–
Bounce Function		Up: 90˚, Left/Right: 90˚/180˚	Up: 90˚, Left/Right: 90˚/180˚	Up: 90˚, Down: -7˚, Left/ Right: 180˚
Sub-flash		Full~1/128	Full~1/128	–
FE/FV Lock		[FEL] OR [✱] Button (For Canon)		
		Set FUNC. key as FV lock function in menu (For Nikon)		
Rear curtain sync.		Yes	Yes	Yes
High speed sync.		Yes	Yes	Yes
Red eyes reduction mode (Nikon)		Yes	Yes	Yes
Slow sync. mode (Nikon)		Yes	Yes	Yes
AF Assist Light Distance		0.7 ~ 10m	0.7 ~ 10m	0.7 ~ 6m
Operation Control Panel		Color display (Auto rotation)	Color display (Auto rotation)	Color display (LED)
Firmware update Terminal		USB Terminal	USB Terminal	Exclusive Terminal
PC sync Terminal		Yes	Yes	Yes
External power pack socket		Nissin/ Canon/ Nikon original Power pack	Nissin/ Canon/ Nikon/ Sony original Power pack	Nissin/ Canon/ Nikon/ Sony original Power pack
Accessories		Soft Pouch / External Diffuser / Flash Stand with Tripod screw	Soft Pouch / Flash Stand with Tripod screw	Soft Pouch / Flash Stand with Tripod screw
Dimensions (Approx.)		148 x 78 x 127mm/ 5.8 x 3.1 x 5 inch	139 x 74 x 113mm/ 5.5 x 2.9 x 4.4 inch	140 x 75 x 115 mm/ 5.5 x 3 x 4.5 inch
Weight (Approx.)		429grams (15.1oz) w/o battery	391grams (13.8oz) w/o battery	381grams (13.4oz) w/o battery

Notice: Flashes are not supporting film cameras
● Design And Specifications Are Subject To Change Without Prior Notice

Specification		Di600	Di466	Di466 Four Thirds	MF18
Guide Number	Angle coverage	M / Ft	M / Ft		M / Ft
	24mm	25/83	18/59		—
	28mm	28/92	20/66		—
	35mm	32/106	22/73		—
	50mm	35/116	24/79		—
	70mm	38/125	27/89		—
	85mm	41/135	30/99		—
	105mm	44/145	33/109		—
	135mm	—	—		—
	200mm	—	—		—
Focal Length Coverage (35mm Equiv.)		24~105mm	24~105mm	12~35mm	—
Wide Angle Diffuser		16mm (Build-in)	18mm (Build-in)	9mm (Build-in)	—
Power Source		4 x AA battery	4 x AA battery		4 x AA battery
		※ Alkaine, NiMH			
Quick Loading System (BM-01/ BM-02)		—	BM-01		BM-01
Recycle Time	NiMH battery	0.1 ~ 4 seconds	0.1 ~ 3.8 seconds		0.1 ~ 5.5 seconds
	Alkaline battery	0.1 ~ 4.7 seconds	0.1 ~ 4.5 seconds		0.1 ~ 5.5 seconds
Number of Flashes	NiMH battery	200 ~ 1,500 times	200 ~ 1,500 times		120 ~ 800 times
Flash Duration	Manual mode	1/800 (Full Power)	1/800 (Full Power)		1/300 (Full Power)
	TTL mode	1/800 ~ 1/30,000 seconds	1/800 ~ 1/20,000 seconds		1/700 ~ 1/30,000 seconds
Energy Saving	Auto power off	60 minutes	30 minutes		30 minutes
	Stand-by mode	2 minutes	2 minutes		30 seconds
	Display off	—	—		Display screen switch off
Color Temperature		5,600K	5,600K		5,600K
Flash Power Control System	Full Auto	—	—		E-TTL, E-TTL II (for Canon) / i-TTL (for Nikon)
	TTL	E-TTL, E-TTL II (for Canon) / i-TTL (for Nikon)	E-TTL, E-TTL II (for Canon)/ i-TTL (for Nikon) / Four Thirds system		E-TTL, E-TTL II (for Canon) / i-TTL (for Nikon)
		EV compensation by camera	Ev compensation ± 1.5EV		Ev compensation ± 3.0EV
	Auto Aperture Flash	—	—		—
	Manual Power Ratio	Full ~1/32 , 6 levels	Full ~1/32 , 6 levels		Manual: Full ~1/64 -2/3, 1/3 steps; Fine Macro: 1/128~1/1024, 1/6 steps
	Multi-flash	—	—		—
Wireless Remote	Slave	Digital slave	Digital slave		—
		Film/ studio slave	Film/ studio slave		—
	Wireless TTL	Channel 1 Groups A (Canon/ Nikon)	—		Master / 4 Channels; Canon/ Nikon-Group; Group A/C; Modes: Off/ TTL/ Manual; TTL Flash Ratio Adjustable For Canon
Ev Compensation on flash		-1.5~+1.5EV, 1/2EV steps	-1.5~+1.5EV, 1/2EV steps		-3.0~+3.0EV, 1/3EV steps
My TTL Setting		-0.75~+0.75EV, 1/4EV steps	-0.75~+0.75EV, 1/4EV steps		-3.0~+3.0EV, 1/3EV steps
Bounce Function		Up: 90°, Left/ Right: 90°/180°	Upward: 90°		—
Sub-flash		—	—		—
FE/FV Lock		[FEL] OR [*] Button (For Canon); Set FUNC. key as FV lock function in menu (For Nikon)			
Rear curtain sync.		Yes	Yes (Nikon/ Four Thirds)		Yes
High speed sync.		—	—		Yes
Red eyes reduction mode (Nikon)		Yes	Yes (Nikon/ Four Thirds)		Yes
Slow sync. mode (Nikon)		Yes (Nikon / Sony)	Yes (Nikon/ Four Thirds)		Yes
AF Assist Light Distance		0.7 ~ 6m	0.7 ~ 6m		Modeling LED for macro focus
Operation Control Panel		LED	LED		Color display (Auto rotation)
Firmware update Terminal		Exclusive Terminal	Exclusive Terminal		USB Terminal
PC sync Terminal		Yes	—		Yes
External power pack socket		—	—		Nissin/ Canon/ Nikon original Power pack
Accessories		Flash Stand with Tripod screw	Soft Pouch; Flash Stand with Tripod screw		Hard case; Adaptor rings: 52, 58, 62, 67, 72 and 77mm
Dimensions (Approx.)		134 x 74 x 103 mm/ 5.3 x 2.9 x 4.1 inch	105 x 67 x 95 mm/ 4.1 x 2.6 x 3.7 inch		Main body: 115 x 65 x 85mm/ 4.5 x 2.6 x 3.3 inch; Ring flash: 120 x 134 x 41mm/ 4.7 x 5.3 x 1.6 inch
Weight (Approx.)		315grams (11.1oz) w/o battery	238grams (8.4oz) w/o battery		458grams (16.2oz) w/o battery

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