



# Innovation Without Limits



# MG8000 EXTREME



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

## ● Extreme High Heat Resistance

World's highest "Machine Gun" strobe, the high heat resistance materials are developed for this unique model to achieve more than 1000 times continuum emitting with full flash power without overheating problems.



## ● Using the latest quartz tube design

Capture the important moments, and reliably in the extreme 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

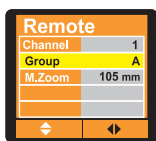


## ● Wireless TTL

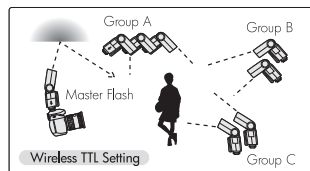
The MG8000 Wireless TTL system supports Canon E-TTL / E-TTL II and Nikon i-TTL. MG8000 can be used in combination with Canon and Nikon original flash units as either Master or Remote (Slave). The MG8000 also supports digital (pre-flash system) and analogue (film type camera's flash and/or studio flash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



Wireless TTL-Master Mode (Nikon type)



Wireless TTL-Remote Mode



Wireless TTL Setting

## ● External Service Box

- 1 External Power Pack Socket – MG8000 supports Nissin Power Pack PS300.
- 2 X terminal – MG8000 has X-terminal socket for flash synchronization.
- 3 USB Service Port – MG8000 provides a USB port to upgrade to the latest firmware.



## ● Sub-Flash

The MG8000 provides an extra small 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  $\pm 3E_v$ . by every 1/3 step.



## ● Perfect combination

High-performance MG8000 with Nissin Power Pack PS300 can speed up the recycle time, perfectly to achieve high power and frequency of 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.



## ● Metal Hotshoe

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



## ● 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.

● See [www.nissindigital.com](http://www.nissindigital.com) for more information.





# MARK II Di866 PROFESSIONAL



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

## ● 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.



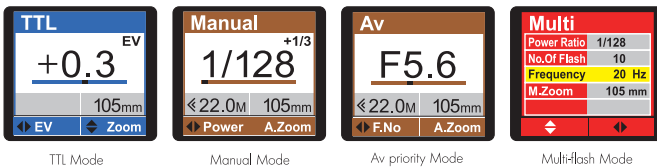
## ● Various Functions – TTL, Manual/Av, Multi Flash

**TTL:** Supporting 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 ratio can be set from 1/8 to 1/128.



## ● Sub-Flash

The Di866 Mark II provides an extra small 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  $\pm 3\text{Ev}$ . by every 1/3 step.



## ● Quick Loading Battery Magazine

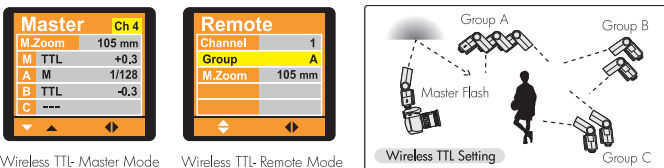
The Di866 Mark II has a battery magazine system which is the same as the Di466. A convenient battery magazine provides all four AA batteries load in the same direction, so that the batteries can be correctly inserted without fail even in the poor light condition.



## ● 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).



## ● Metal Hotshoe

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



## ● Auto Zoom

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



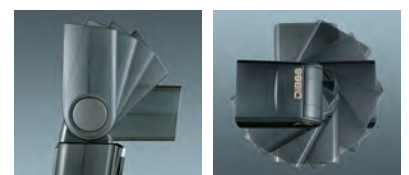
## ● External Service Box

- 1 External Power Pack Socket – The Di866 Mark II supports Nissin Power Pack PS300.
- 2 X terminal – The Di866 Mark II has X-terminal socket for flash synchronization.
- 3 USB Service Port – The Di866 Mark II provides a USB port to upgrade to the latest firmware.



## ● Flash Head

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



● See [www.nissindigital.com](http://www.nissindigital.com) for more information.



# MARK II Di622



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

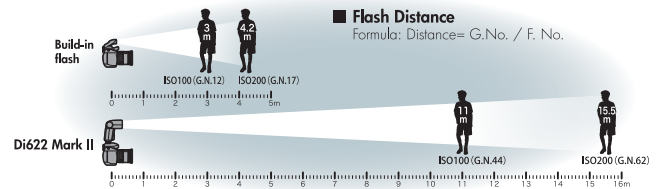
## ● Remote Flash

The wireless remote flash system of the Di622 Mark II can be used as Wireless TTL remote response 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.



## ● High Power

Di622 Mark II can brighten up the subject at 11 meters (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.



## ● TTL Compensation

The Di622 Mark II can compensate the flash exposure value up to  $\pm 1.5$  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.

## ● 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  $\pm 0.75$  Ev. by every 0.25 increment. The pre-set "My TTL" is memorized after switching the unit off.



## ● Firmware Update Service Terminal

For latest firmware update

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



## ● Bounce Lighting

Bouncing the light is another technique to master flash photography. The flash head turns to any direction, 90 degree to the left, 180 degree 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.

\* The color of ceiling may reflect to the subject when bounce lighting.

## ● External Synchronization

Synchronize contacts – The Di622 Mark II has X-terminal socket and 3.5mm socket for external flash synchronization.



## ● 6 levels manual power control

## ● Fill-in reflector and Light diffusing panel installed

● See [www.nissindigital.com](http://www.nissindigital.com) for more information.







# Di466

\*Special edition



- For Canon DSLR Camera
- For Nikon DSLR Camera
- For Four Thirds DSLR Camera
- Guide Number [46(m)/150(ft)] (ISO200/105mm)
- [33(m)/109(ft)] (ISO100/105mm)

## ● Dual Program Remote Flash

The wireless remote flash system of the Di466 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 and enjoy professional flash technique.



## ● TTL Compensation

The Di466 can compensate the flash exposure value up to  $\pm 1.5$  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 +1.0Ev



Flash  $\pm 0.0$ Ev



Flash -1.0Ev

## ● My TTL Setting

This unique custom setting system is Nissin's exclusive feature. TTL flash power level is pre-set for reasonable exposure. The pre-set "My TTL" is memorized after switching the unit off. The usual TTL flash level compensation works based on this customized level.



## ● Fill-in reflector and Light diffusing panel installed



## ● Battery Magazine

For quick battery loading, the Di466 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.



## ● Firmware Update Service Terminal

For latest firmware update

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



● See [www.nissindigital.com](http://www.nissindigital.com) for more information.





# MF18 MACRO FLASH



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

## ● For Top Level SLR Camera

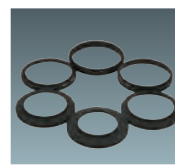
Ring flash MF18 supports Canon E-TTL, E-TTL II and Nikon i-TTL. Flash light is automatically controlled by the camera but the flash exposure value can be compensated.



## ● Wide range of lens mount adaptation

\*MF18 for Canon / Nikon package

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)



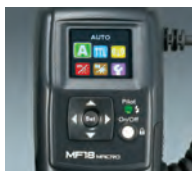
Lens mount adaptors



Expanded

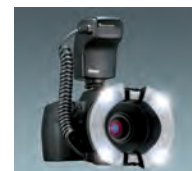
## ● User Friendly Color Display

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.



## ● 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

## ● External Service Box

- 1 External Power Pack Socket – Supports Nissin Power Pack PS300 to provide high speed charging.
- 2 X terminal – For flash synchronization.
- 3 USB Service Port – Ring flash MF18 provides a USB port to upgrade to the latest firmware.



## ● Metal Hotshoe

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



## Power Pack PS300

External Power booster for electronic flash unit

### ● High Speed Charging

Power Pack PS300 provides high speed charging, approx. 0.7 seconds to recharge Di866 and Di866 Mark II flash (full power).

### ● Economic

Approx. 60,000 flash times by 1 Ni-MH battery cluster -7.2V/3,300 mAh (Using Di866 / Di866 Mark II full power)

### ● Two Power Supply Cables

Working with two flashes at the same time by using two power supply cables.



### Specification

Compatibility	[Canon] 580EX II, 580EX, 550EX, MR-14EX, 600EX-RT / [Nikon] SB-910, SB-900, [SB-800, SB-80DX] / [Sony] HVL-F58AM, HVL-F56AM
Power source	Ni-MH battery (Exclusive battery cluster: 7.2V x 3,300mAh - output 300V DC / input 100-240V AC)
Battery life	200 times of charge/discharge approx.
Power cables	Max. 2 cables
Charging time	Approx. 0.5 seconds (Nissin MG8000/MF18/Di866 Mark II/Di866, Canon 580EX II/600EX-RT, Nikon SB-910/SB-900)*
Number of flashes	300 times per charged (Full power)
Dimensions	Power pack body 200 x 110 x 35mm (6 x 3.3 x 1.05 inch)
Weight	1.05kg / 37oz (battery, power supply cable included)

\*Using Auto mode

## 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 Di466, Di866, Di866 Mark II, MF18 and MG8000. Keep one extra with your flash for an easy and quick reloading.



# ● Products Specification

		MG8000	Di866 Mark II	Di622 Mark II	Di466	Di466 Four Thirds	MF18		
Guide Number	Angle coverage	M / Ft	M / Ft	M / Ft	M / Ft		M / Ft		
	24mm	31/102	31/102	25/83	18/59		—		
	28mm	36/119	36/119	28/92	20/66		—		
	35mm	40/132	40/132	32/106	22/73		—		
	50mm	46/152	46/152	35/116	24/79		—		
	70mm	52/172	52/172	38/125	27/89		—		
	85mm	54/178	54/178	41/135	30/99		—		
	105mm	60/198	60/198	44/145	33/109		—		
Focal Length Coverage (35mm Equiv.)		24 ~ 105mm	24 ~ 105mm	24 ~ 105mm	24 ~ 105mm	12 ~ 53mm	—		
Wide Angle Diffuser		External Diffuser Included		18mm (Build-in)	16mm (Build-in)	18mm (Build-in)	9mm (Build-in)		
Power Source		4 x AA battery	4 x AA battery	4 x AA battery	4 x AA battery		4 x AA battery		
		※ Alkaline, NiMH, Lithium, Oxyside							
Quick Loading System(BM-01)		Yes	Yes	—	Yes		Yes		
Recycle Time	NiMH battery	0.1 ~ 5.5 seconds	0.1 ~ 5.5 seconds	0.1 ~ 4 seconds	0.1 ~ 3.8 seconds		0.1 ~ 5.5 seconds		
	Alkaline battery	0.1 ~ 5.5 seconds	0.1 ~ 5.5 seconds	0.1 ~ 4.7 seconds	0.1 ~ 4.5 seconds		0.1 ~ 5.5 seconds		
Number of Flashes		NiMH battery 150 ~ 1500 times	150 ~ 1500 times	200 ~ 1500 times	200 ~ 1500 times		120 ~ 800 times		
Flash Duration	Manual mode	1/300 (Full Power)	1/300 (Full Power)	1/800 (Full Power)	1/800 (Full Power)		1/300 (Full Power)		
	TTL mode	1/300 ~ 1/30000 seconds	1/300 ~ 1/30000 seconds	1/800 ~ 1/30000 seconds	1/800 ~ 1/20000 seconds		1/700 ~ 1/30000 seconds		
Energy Saving	Auto power off	Off, 10, 15, 30, 45, 60 minutes	Off, 10, 15, 30, 45, 60 minutes	30 minutes	30 minutes		30 minutes		
	Stand-by mode	30 seconds	30 seconds	2 minutes	2 minutes		30 seconds		
	Display off	Display screen switch off	Display screen switch off	—	—		Display screen switch off		
Color Temperature		5600K	5600K	5600K	5600K		5600K		
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) PTTL, ADI (for Sony)	—	—		i-TTL (for Nikon)		
	TTL	E-TTL, E-TTL II (for Canon)	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)	—		E-TTL, E-TTL II (for Canon)	
		i-TTL (for Nikon)	i-TTL (for Nikon) PTTL, ADI (for Sony)	—	Four Thirds system		i-TTL (for Nikon)		
		Ev compensation ±3.0Ev	Ev compensation ±3.0Ev	Ev compensation by camera	Ev compensation ±1.5Ev		Ev compensation ±3.0Ev		
	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	Full-1/128, 1/3Ev steps	Full-1/128, 1/3Ev steps	—	—		Manual Full-1/64, -1/3 steps		
		Manual zoom, Sub-flash allowed	Manual zoom, Sub-flash allowed	—	—		Fine Macro 1/128-1/1024, -1/6 steps		
	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	Digital slave		—		
		Film / Studio slave	Film / Studio slave	Film slave	Film / Studio slave		—		
		Sub-flash allowed	Sub-flash allowed	—	—		—		
	Wireless TTL	Master / Remote	4 Channels	Master / Remote CTRL / RMT	4 Channels	Channel 1 Group A (Canon / Nikon)  RMT Channel 1 (Sony)	Master		4 Channels
		Canon/ Nikon- Groups		Canon/ Nikon- Groups: 3 groups (A, B, C)			Canon/ Nikon- Group		
		3 groups (A, B, C)		Sony- Groups: RMT , RMT1			Group A/C		
		Modes: Off/ TTL/ Manual		Modes: Off/ TTL/ Manual			Modes: Off/ TTL/ Manual		
TTL Flash Ratio Adjustable For Canon		TTL Flash Ratio Adjustable For Canon		TTL Flash Ratio Adjustable For Canon		TTL Flash Ratio Adjustable For Canon			
Ev Compensation on flash		-0.3~+3.0, 1/3Ev steps	-0.3~+3.0, 1/3Ev steps	-1.5~+1.5Ev, 1/2Ev steps	-1.5~+1.5Ev, 1/2Ev steps		-0.3~+3.0, 1/3Ev steps		
My TTL Setting		-0.3~+3.0, 1/3Ev steps	-0.3~+3.0, 1/3Ev steps	-0.75~+0.75Ev, 1/4Ev steps	-0.75~+0.75Ev, 1/4Ev steps		-0.3~+3.0, 1/3Ev steps		
Bounce Function		Upward, Left/Right 90° 180	Upward, Left/Right 90° 180	Upward, Left/Right 90° 180	Upward 90°		—		
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	Yes (Nikon / Four Thirds)		Yes		
High speed sync.		Yes	Yes	—	—		Yes		
Red eyes reduction mode (Nikon)		Yes	Yes	Yes (Nikon)	Yes (Nikon / Four Thirds)		Yes		
Slow sync. mode (Nikon)		Yes	Yes	Yes (Nikon / Sony)	Yes (Nikon / Four Thirds)		Yes		
Red eyes reduction mode Slow sync. mode (Nikon)		Yes	Yes	Yes	Yes (Nikon / Four Thirds)		Yes		
AF Assist Light Distance		0.7~10m	0.7~10m	0.7~6m	0.7~6m		Modeling LED for macro focus		
Operation Control Panel		Color display (Auto rotation)		LED	LED		Color display (Auto rotation)		
Firmware update Terminal		USB Terminal		Exclusive Terminal	Exclusive Terminal		USB Terminal		
X terminal		Yes	Yes	Yes	—		Yes		
External power pack socket		Nissin/ Canon/ Nikon original Power pack	Nissin/ Canon/ Nikon/ Sony original Power pack	—	—		Nissin/ Canon/ Nikon 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	Soft Pouch Flash Stand with Tripod screw		Leather hard case Adaptor rings: 52, 58, 62, 67, 72 and 77mm		
Dimensions		148 x 78x 127mm / 5.8 x 3.1 x 5 inch	139 x 74 x 113mm / 5.5 x 2.9 x 4.4 inch	134 x 74 x 103mm / 5.3 x 2.9 x 4.1 inch	105 x 67 x 95mm / 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		416grams (14oz) w/o battery	380grams (13.4oz) w/o battery	315grams (11.1oz) w/o battery	240grams (8.5oz) w/o battery		446grams (15.7oz) w/o battery		

Notice: Flashes are not supporting film cameras

● Design And Specifications Are Subject To Change Without Prior Notice

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● Local Distributor: