

**NISSIN DIGITAL
COMPLETE CAMERA FLASH CATALOGUE 2011**



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)



- Color Display
- E-TTL II Canon
- i-TTL Nikon
- P-TTL Sony
- TTL Compensation
- Power Ratio
- External Auto Exposure

Auto Rotation & Color Display

- Di866 Mark II features a user friendly design including a color and auto rotating 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.



Digital TTL

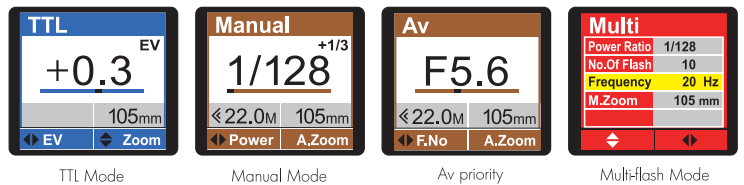
- Various Functions – TTL, Manual/Av, Multi Flash

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.



Wireless TTL

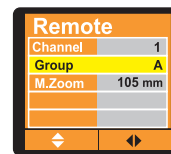
- The best solution for off camera flash technique

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).

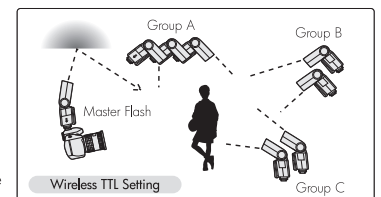
The Di866 Mark II also supports digital (pre-flash system) and analogue (film type camera's flash and/or studio flash under both of Manual and Av. priority mode.



Wireless TTL- Master Mode (Nikon type)



Wireless TTL- Remote Mode



THE POWER OF LIGHT

Nissin
DIGITAL



- Slave
Digital
Film
Studio
- Wireless
Remote
& Master
- Auto
Zoom
- Bounce
Lighting
Tilt & Swivel
- AF
Assist
Light
- Silent
Humming
- My
TTL
- Sub
Flash
- Power
Pack

Enjoy flash shooting with more features

● 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.



● Auto Zoom

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



● 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.



● Fill-in reflector and Light diffusing panel installed

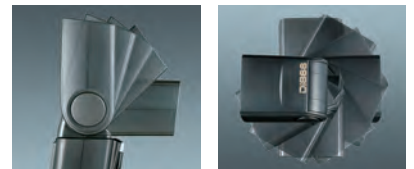


● Quick Loading Battery Magazine

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.

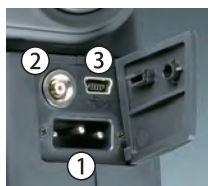


● Flash head tilts up to 90° and rotates horizontally 90° to the right and 180° to the left.



● 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.



● 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.

Nissin
DIGITAL

MARK II Di622

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

- E-TTL II**
Canon
- i-TTL**
Nikon
- P-TTL**
Sony
- TTL Compensation**



ADVANCE LEVEL FLASH

- Remote Flash**
Digital / Film / Wireless
- My TTL**
- AF Assist Light**
- Auto Zoom**
- Power Ratio**
- Bounce Lighting**
Tilt & Swivel
- Sync Contact**

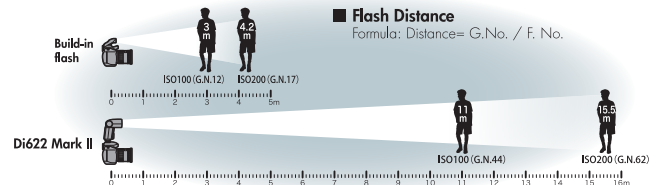
● Remote Flash

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 ± 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 ± 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



● External Synchronization

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



● 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.

● 6 levels manual power control

● Fill-in reflector and Light diffusing panel installed

MULTI FUNCTION FLASH

Di466



*Special edition

- For Canon DSLR Camera
- For Nikon DSLR Camera
- For Four Thirds Digital 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 ± 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 ± 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.



● 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.



● Fill-in reflector and Light diffusing panel installed



● Firmware Update Service Terminal

For latest firmware update

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



MF18

MACRO FLASH

- For Canon DSLR Camera
- For Nikon DSLR Camera
- For Sony 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, Nikon i-TTL and Sony ADI / P-TTL. Flash light is automatically controlled by the camera but the flash exposure value can be compensated.



● Wide range of lens mount adaptation

Wide range of macro lens mount adaptation from 49 to 77mm.



Normal



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, Manual/Av, Multi, Wireless TTL (Master/Remote) 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.

● 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, MR14EX / [Nikon] SB-800, SB-900, 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 Di866 / Di866 Mark II, Canon 580EXII, Nikon SB900)
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)

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 / 12inch when folded
150cm / 5ft. when expanded



Battery Magazine BM-01

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



● See www.nissindigital.com for more information.

● Products Specification

		Di866 Mark II	Di622 Mark II	Di466	Di466 _{Four Thirds}	MF18	
Guide Number	Angle coverage	M / Ft	M / Ft	M / Ft		M / Ft	
	24mm	31/102	25/83	18/59		—	
	28mm	36/119	28/92	20/66		—	
	35mm	40/132	32/106	22/73		—	
	50mm	46/152	35/116	24/79		—	
	70mm	52/172	38/125	27/89		—	
	85mm	54/178	41/135	30/99		—	
	105mm	60/198	44/145	33/109		—	
Focal Length Coverage (35mm Equiv.)		24 ~ 105mm	24 ~ 105mm	24 ~ 105mm	12 ~ 53mm	—	
Wide Angle Diffuser		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	
		※ Alkaline, NiMH, Lithium, Oxryde					
Quick Loading System(BM-01)		Yes	—	Yes		Yes	
Recycle Time	NiMH battery	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 ~ 4.7 seconds	0.1 ~ 4.5 seconds		0.1 ~ 5.5 seconds	
Number of Flashes	NiMH battery	150 ~ 1500 times	200 ~ 1500 times	200 ~ 1500 times		120 ~ 800 times	
Flash Duration	Manual mode	1/300 (Full Power)	1/800 (Full Power)	1/800 (Full Power)		1/300 (Full Power)	
	TTL mode	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	30 minutes	30 minutes		30 minutes	
	Stand-by mode	30 seconds	2 minutes	2 minutes		30 seconds	
	Display off	Display screen switch off	—	—		Display screen switch off	
Color Temperature		5600K	5600K	5600K		5600K	
Flash Power Control System	Full Auto	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)				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)		E-TTL, E-TTL II (for Canon)	
		i-TTL (for Nikon)	i-TTL (for Nikon)	Four Thirds system		i-TTL (for Nikon)	
		PTTL, ADI (for Sony)	PTTL, ADI (for Sony)			PTTL, ADI (for Sony)	
		Ev compensation ±3.0Ev	Ev compensation by camera	Ev compensation ±1.5Ev		Ev compensation ±3.0Ev	
	Auto Aperture Flash	F1.4-F16 (ISO 100), 1/3Ev steps Manual zoom, Sub-flash allowed	—	—		—	
	Manual Power	Full-1/128, 1/3Ev steps	—	—		Full-1/128, 1/3Ev steps	
		Manual zoom, Sub-flash allowed	—	—			
Multi-flash	Frequency~90Hz	—	—		—		
	1~90 times	—	—		—		
	Power 1/8~1/128	—	—		—		
Wireless Remote flash	Slave	Digital slave	Digital slave	Digital slave		—	
		Film / Studio slave	Film slave	Film / Studio slave		—	
		Sub-flash allowed	—	—		—	
	Wireless TTL	Master / Remote	4 Channels	Channel 1 Group A (Canon / Nikon)	—	—	Master
		CTRL / RMT					CTRL
		Canon/ Nikon- Groups: 3 groups (A, B, C)					Canon/ Nikon- Group: Group C
		Sony- Groups: RMT , RMT1					Sony- Groups: RMT
Modes: Off/ TTL/ Manual	Modes: Off/ TTL/ Manual						
TTL Flash Ratio Adjustable For Canon	TTL Flash Ratio Adjustable For Canon						
Ev Compensation on flash		-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	-0.75~+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 90°		—	
Sub-flash		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 (Nikon / Four Thirds)		Yes	
High speed sync.		Yes	—	—		Yes	
Red eyes reduction mode (Nikon)		Yes	Yes (Nikon)	Yes (Nikon / Four Thirds)		Yes	
Slow sync. mode (Nikon)		Yes	Yes (Nikon / Sony)	Yes (Nikon / Four Thirds)		Yes	
Red eyes reduction mode + Slow sync. mode (Nikon)		Yes	Yes	Yes (Nikon / Four Thirds)		Yes	
AF Assist Light Distance		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	
External power pack socket		Nissin/ Canon/ Nikon/ Sony original Power pack	—	—		Nissin/ Canon/ Nikon/ Sony original Power pack	
Accessories		Soft Pouch	Soft Pouch	Soft Pouch		Leather hard case	
		Flash Stand with Tripod screw	Flash Stand with Tripod screw	Flash Stand with Tripod screw		Adaptor ring for macro lens	
Dimensions		134 x 74 x 110mm / 5.3 x 2.9 x 4.3 inch	130 x 77 x 103mm / 5.1 x 3 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		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

Nissin

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● Local Distributor:

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