



*Durable*  
300,000 life

*Continuous*  
working at full power

*Thermal Consistent*  
for studio application



**MG80 Pro**  
POWER OF INTEGRATION





# MG80 Pro

Type	Canon, Nikon, Sony, Fujifilm, Panasonic, Olympus	
Guide Number (Angle coverage)	(M /Ft.)	
24mm	27/89	
28mm	29/95	
35mm	32/105	
50mm	39/129	
70mm	42/138	
85mm	45/148	
105mm	50/164	
135mm	54/177	
200mm	60/197	
Without zoom head (w/s)	20/66 (83)	
Focal Length Coverage (35mm Equiv.)	24~200mm	
Wide Angle Diffuser	18mm	
Power Source	4x 14500 Li-ion Battery 4x AA Rechargeable Ni-MH Battery	
Recycle Time	Li-ion battery	0.1 ~1.2 seconds
	NiMH battery	0.1 ~3.0 seconds
Number of Flashes	Li-ion battery	360 flashes with 4x 3.7V 1000mAh
	NiMH battery	250 flashes with 4x 1.2V 2450mAh
Flash Duration	Manual mode	1/167 - 1/10,000 Sec
	TTL mode	1/167 - 1/10,000 Sec
Energy Saving	Auto power off	60 minutes
	Stand-by mode	5 mins
	Display off	2 mins
Color Temperature	5,600K	
Flash Power Control System	Full Auto	E-TTL, E-TTL II (for Canon); i-TTL (for Nikon); ADI, P-TTL (for Sony); TTL (for Fujifilm, Panasonic and Olympus)
	TTL	E-TTL, E-TTL II (for Canon); i-TTL (for Nikon); ADI, P-TTL (for Sony); TTL (for Fujifilm, Panasonic and Olympus)
	Manual Power	Full~ 1/256, 1/3EV steps
Wireless TTL	<b>2.4GHz Wireless TTL Slave:</b> radio transmission (NAS specifications).	
Ev Compensation on flash	-2.0~+2.0, 1/3EV steps	
Bounce Function	Up: 90°, Down: -7°, Left/Right: 180°/180°	
FE/FV Lock	[FEL] OR [ * ] Button (For Canon), Set FUNC. key as FV lock function in menu(For Nikon)	
Rear curtain sync.	Yes	
High speed sync.	Yes	
Red eyes reduction mode	Yes (Nikon, 4/3, Fujifilm)	
Slow sync. mode	Yes (Nikon, 4/3, Fujifilm)	
AF Assist Light Distance	0.7 to 5 meters	
Operation Control Panel	Colour LCD display	
Firmware update Terminal	MicroSD	
Accessories	Flash stand with tripod screw, Diffuser, Filter holder	
Dimensions (Approx.)	73 x 137 x 120 mm/ 2.9 x 5.4 x 4.7 inchs	
Weight (Approx.)	520g/ 18.3oz (without batteries)	
LED Modeling light	25 steps	



**Quartz**

**Quartz Flash Tube**  
durable 300,000 life

**BMS**

**Battery Manage System**  
utilize all AA size



**Multi Mode**  
On-Camera  
Commander  
Slave

**LED**

**Modelling Light**  
8W high power, 25 steps



**Nissin Air System**  
built-in Air 10s commander

## Smart Battery Manage System



**Li-ion (14500, 1000 mAh)**

3.7V x 4 = 14.8V  
360 times, 1.2 secs @1/1



**NiMH Rechargeable AA**

1.2V x 4 = 4V  
250 times, 3 secs @1/1



**Alkaline AA**

1.5V x 4 = 6V  
120 times, 3.7 secs @1/1