

Compatible battery, operational limitation on flashing/Focus Light

Thank you for purchasing INON Z-240 Type 4.

Please use your D-2000 within following operational limitations to avoid possible heat generation/degradation of light emitting part and inner electrical circuit etc.

Compatible battery

Four battery types can be used with this product, as below. Make sure to use fresh 4 x AA size batteries of same model/manufacture.

We recommend using 『AA “eneloop” rechargeable battery (HR-3UTG)』(*1)

【Rechargeable battery】

- AA “eneloop type” rechargeable battery (1.2V) (*1)
- AA NiMH rechargeable battery (1.2V) [good quality (*2)]

【Non-rechargeable battery】

- AA Alkaline battery (1.5V)
- AA Lithium battery (1.5V)

*1 Including “new generation” NiMH batteries carrying less self-discharging and heat generating characteristic comparing to “conventional” or “high-capacity” NiMH. Currently below listed NiMH batteries have been confirmed compatible as “new generation” NiMH battery like recommended 『Sanyo”eneloop” rechargeable battery (HR-3UTG)』.

[Manufacture]	[Model name]	[Model code]
SANYO Electric Co., Ltd	“eneloop”	[HR-3UTG] 【recommended】
Sony Corp.	“CycleEnergy Blue”	[NH-AA-2BKA / NH-AA-4BKA]
Panasonic Corporation	“RechargeableNi-MH(AA)”	[HHR-3MPS]
Maha Energy	“IMEDIION”	[MHRAAI4]
GP Batteries	“ReCyko+”	[210AAHCBE]
ANSMANN	“maxE”	[5030991 / 5030992 / 5035052]
Electrochem Automation	“NEXcell energyON”	[n/a (AA 2000mAh)]

*2 Some “conventional” or “high-capacity” NiMH rechargeable other than (“eneloop” type) “new generation” Ni-MH rechargeable batteries have significant self-discharge and heat-generating characteristic resulting difficulty to keep their performance during usage. We recommend using recommended batteries or good quality Ni-MH rechargeable batteries.

Limitation of Focus Light continuous mode

The Focus Light should NOT continuously turn ON more than 30 minutes and make sure to cool down its LED unit and inner electrical circuit by turning OFF the Focus Light at least 10 minutes.

For maximum battery life, the Focus Light should be turned ON only when necessary to minimize heat generation and battery drain.

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Limitation on repeated flashes

The table below explains maximum number of repeated flashes (*3). Make sure to cool down light emitting part and inner electrical circuit of the strobe by NOT making flash for at least about 2 minutes.

Also additional 10 minutes cooling-down period is required by turning OFF the Main Mode Switch after total number of flashes according to the table below.

Also take extra cooling-down period to maintain initial performance of the product according to frequency of usage and generated heat.

Z-240 Switches Setting [D-2000 flash output]		Maximum number of repeated flashes	Total number of flashes
Main Mode Switch	EV. Control Switch		
FULL	--	10 flashes	50 flashes
M-0.5▼-6	-0.5、-1	10 flashes	50 flashes
	-1.5、-2、-2.5、-3	30 flashes	100 flashes
	-3.5、-4、-4.5、-5、-5.5、-6	50 flashes	150 flashes
S-TTL	-- [Marginal far end] (*4)	10 flashes	50 flashes
S-TTL "Low"	-- [approx. -1.5EV.~ -3EV.] (*5)	30 flashes	100 flashes
	-- [less than approx.-3.5EV.] (*6)	50 flashes	150 flashes
AUTO	-- [Marginal far end] (*4)	10 flashes	50 flashes
	-- [approx. -1.5EV.~ -3EV.] (*5)	30 flashes	100 flashes
	-- [less than approx.-3.5EV.] (*6)	50 flashes	150 flashes

*3 Repeated flashes at or less than 30 seconds intervals.

*4 Actual flash output is marginal far end of exposure range (S-TTL/AUTO: approx. Full~-1EV., S-TTL "Low" : approx. -1EV.)

*5 Actual flash output is approximately -1.5EV.~ -3EV.

*6 Actual flash output is less than approximately -3.5EV.

Please make sure to read 「Safety Precautions」 and user manual 【Basic Operation】 「1. Preparing To Take Images」 / 「3. After Taking Image」 for safety operation.