

SPEEDLITE EL-1

TECHNICAL SPECIFICATIONS



Canon

SPEEDLITE EL-1

Canon's first L-Series flash



GET A WIDE RANGE OF LIGHT EXPRESSIONS

The Speedlite EL-1 has 14 f-stops of flexible power enabling a variety of expressions. The 1/8192 microflash provides subtle fill flash, allowing you to achieve amazing macro photography or handheld shooting even in the dark where traditional flashes may be too bright. Alternatively, the Speedlite EL-1's multiple flash achieves powerful light expression when you need it most.



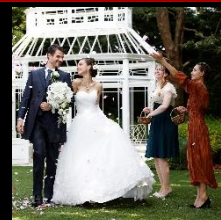
CREATE SUBTLE NUANCES OF LIGHT

Improved E-TTL (Electronic Through The Lens) support automatically sets the flash output to the optimum balance according to the surrounding environment and focal length of your camera. The Speedlite EL-1 also has Flash Exposure (FE) memory that allows you to continue shooting with the flash output stored in E-TTL, even if you switch to manual mode and shoot after E-TTL shooting. Further fine adjustments are also possible in manual mode.



DON'T MISS A SCENE

The Speedlite EL-1's high-speed flash charging of 0.1 to 0.9 sec. and 160 times or more continuous flashes, reliably tracks the moment you want to shoot. For example you can shoot scenes with movement, such as a shower of flower petals, without missing a beat.



ENVISION THE COLOUR AND DIRECTION OF LIGHT PRIOR TO SHOOTING

The Speedlite EL-1 is equipped with two built-in LED modelling lamps so you can check lighting prior to shooting or even use the lamps for basic video lighting. The lamps automatically turn off during shutter release.



TAKE MULTIPLE SHOTS WITH A RECHARGABLE LITHIUM-ION BATTERY

The Speedlite EL-1 uses a new high-capacity lithium-ion battery power supply. You can achieve high-speed charging of 1/1 power: approx. 0.9 sec. and an increased number of flashes 1/1 power: approx. 335. In addition, the battery power level can be clearly displayed on the LCD screen so you can time when the battery needs to be changed or recharged.



TAKE CONTROL WITH INTUITIVE OPERATION

Almost all operations including wireless settings can be operated easily by pushing the joystick of the Speedlite EL-1.



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SPEEDLITE EL-1 | SPECIFICATIONS

FLASH HEAD		
Zoom		Auto / Manual
Wide panel		Manual
Flash coverage	Zoom	24 - 200 mm
	Wide panel	14 mm
Output (Guide number)	Zoom	27.3 - 60 (ISO 100-m) 89.6 - 196.9 (ISO 100-ft)
	Wide panel	14.1 (ISO 100-m) 46.3 (ISO 100-ft)
Active cooling system		Yes
Max. continuous flash count (approx. times) Flash count at full output until flash firing restriction level 1	Flash coverage: 14 mm	170
	Flash coverage: 24 mm	
	Flash coverage: 28 mm	
	Flash coverage: 35 mm	
	Flash coverage: 50 mm	
	Flash coverage: 70 mm	
	Flash coverage: 80 mm	
	Flash coverage: 105 mm	
	Flash coverage: 135 mm	
	Flash coverage: 150 mm	160
Flash coverage: 200 mm		
Catchlight panel		Yes
Modelling lamp		Yes
Modelling flash		Yes
FIRING CONTROL		
Flash mode	E-TTL II autoflash	Yes
	E-TTL autoflash	Yes
	TTL autoflash	None
	Manual flash	1/1 - 1/8192* ¹
	Stroboscopic flash	Yes* ²
	Auto external flash metering	Yes
	Manual external flash metering	Yes
	Continuous shooting priority (CSP) mode	Yes
Output settings	Flash exposure compensation	±3 stops
	FEB	±3 stops
	FE lock	Yes
	FE memory	Yes
Synchronisation	1st-curtain sync	Yes
	2nd-curtain sync	Yes
	High-speed sync	Yes
Bounce angle	Up	120°
	Down	7°
	Left	180°
	Right	180°

SPEEDLITE EL-1 | SPECIFICATIONS (CONTINUED)

WIRELESS		
Radio transmission	Sender	Yes* ³
	Receiver	Yes* ³
	Channel	Auto / Channel 1 - 15
	Groups	5 (A / B / C / D / E)
	2nd-curtain sync	Yes
	Linked shooting	Yes
Optical transmission	Sender	Yes* ³
	Receiver	Yes* ³
	Channel	Channel 1 - 4
	Groups	3 (A / B / C)
AF-ASSIST BEAM		
Infrared		Yes
Emitting small series of flashes		Yes
POWER SOURCE		
Internal power source		1x Rechargeable lithium-ion battery
Level indicator		Yes* ⁴
Firing interval (approx.)	Normal flash	0.1 - 0.9 sec.
	Quick flash	0.1 - 0.8 sec.
Flash count (approx. times)		335 - 2345
ACCESSORIES		
External power source terminal		Yes
PC terminal		Yes
Bracket attachment screw hole		None
Colour filters		2 types (provided)
Bounce adapter		Yes (provided)
Mini stand		Yes (provided)
Case		Yes (provided)
Rechargeable lithium-ion battery		Yes (provided)
Battery Charger LC-E6 / LC-E6E		Yes (provided)
DIMENSIONS AND WEIGHT		
Dimensions (approx., W x H x D)		84.4 x 149.0 x 136.4 mm. 3.32 x 5.87 x 5.37 in.
Weight (approx.) *Excluding batteries		572 g 20.18 oz.
OTHER		
Dust/Water resistance		Yes

*1: Minimum flash output is 1/128 for high-speed sync or optical transmission wireless

*2: Flash output setting range of 1/8192 to 1/4 but 1/128 to 1/4 for optical transmission wireless

*3: Function names were renamed

*4: Only indicates remaining capacity of internal batteries; no level display available for external power sources

*5: When used with AA/LR6 alkaline batteries

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