

The classic Sekonic L-398A has become a favorite with cinematographers around the world for over half a century. A pure analog needle and exposure dial system, the L-398 provides all exposure combinations at a single glance. And because it uses an amorphous photocell that generates its own power, there is no need for a battery. Incident measurement with its swivel head and lumisphere or lumidisc provide the lighting information necessary for lighting setups. The Sekonic L-398A Studio Deluxe III is an ideal prime or back-up meter. for still or motion picture shooters.



Measuring Functions & Features

Instant reading of aperture/shutter combinations with dial ring

It is possible to read combinations of aperture values and shutter speeds on the dial ring at one view.

Amorphous photosensor eliminates need for battery

Utilizing amorphous photosensor technology, the 6th generation L-398A continues to offer its legendary battery free operation.

Continuous measurement

With its continuous measuring ability, it allows the shooter to monitor changes in the lighting of a scene. For single measurement, the measuring button lock can be engaged.

How to Use L-398A



STEP 1

You can set ISO in ISO indicator window by rotating ISO sensitivity selector knob.



STEP 2

Pressing the measure button causes the meter needle to deflect according to brightness level. When the measuring button is released, the needle stops at a fixed position indicating the measured values.



STEP 3

Foot-candle values can be read on the foot-candle scale measurement scale. Rotate dial ring to set scale mark to match the foot-candle value on dial scale.



STEP 4

Once the foot-candle scale value has been matched with the dial scale, any of the corresponding shutter speed and aperture combinations will provide the correct exposure.



LITEMASTER PRO L-478DR	LIGHTMASTER PRO L-478D	DIGICINEMATE L-308DC	FLASHMATE L-308S	STUDIO DELUXE III L-398A	TWINMATE L208
Digital light meter for ambient and flash light	Digital light meter for ambient and flash light	Digital light meter for ambient and flash light	Digital light meter for ambient and flash light	Analog light meter for ambient light	Analog light meter for ambient light
Horizontal (270 degrees)	Horizontal (270 degrees)	Fixed	Fixed	Horizontal (300 degrees)	Fixed
Retractable	Retractable	Removable	Removable	Removable	No
Removable	Removable	Slide	Slide	Removable	Slide
No	No	40° (Built-in lens)	40° (Built-in lens)	30° (Lumagrid)	33°
VF 5°	VF 5°	No	No	No	No
Yes	Yes	No	No	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	No	No	No	No
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	No	No	No
Yes	Yes	Yes	Yes	Yes (fc only)	No
Yes	Yes	Yes	No	No	No
Yes (99 times)	Yes (99 times)	No	No	No	No
Yes	Yes	Yes	Yes	No	No
Yes (Built-in)	No	No	No	No	No
EV-2 to EV 22.9	EV-2 to EV 22.9	EV0 to EV 19.9	EV0 to EV 19.9	EV 4 to EV 17	EV 3 to EV 17
No	No	EV0 to EV 19.9	EV0 to EV 19.9	EV 9 to EV 17	EV 3 to EV 17
EV 3 to EV 22.9	EV 3 to EV 22.9	No	No	No	No
0.63 to 2,000,000 lx	0.63 to 2,000,000 lx	2.50 to 190,000 lx	No	No	No
0.10 to 180,000 fc	0.10 to 180,000 fc	0.23 to 17,000 fc	No	0 to 1,250 fc (scale)	No
1.0 to 980,000cd/m ²	1.0 to 980,000cd/m ²	No	No	No	No
0.29 to 290,000 fl	0.29 to 290,000 fl	No	No	No	No
F1.0 to F161.2(=128.9)	F1.0 to F161.2(=128.9)	F1.0 to F90.9	F1.4 to F90.9	No	No
No	No	F1.0 to F90.9	F1.4 to F90.9	No	No
F2.8 to F161.2(=128.9)	F2.8 to F161.2(=128.9)	No	No	No	No
ISO 3 to 409,600 (in 1/3 steps)	ISO 3 to 409,600 (in 1/3 steps)	ISO 3 to 8,000 (in 1/3 steps)	ISO 3 to 8,000 (in 1/3 steps)	ISO 6 to 12,000 (in 1/3 steps)	ISO 12 to 12,500 (in 1/3 steps)
F0.5 to F161.2(=128.9)	F0.5 to F161.2(=128.9)	F0.5 to F90.9	F0.5 to F90.9	F0.7 to F128	F1.4 to F32
30 min. to 1/64,000 sec	30 min. to 1/64,000 sec		60 sec. to 1/8,000 sec.	60 sec. to 1/8,000 sec.	30 sec. to 1/8,000 sec.
1 to 1,000f/s (editable)	1 to 1,000f/s (editable)	8 to 128f/s (17 settings)	8 to 128f/s (10 settings)	8 to 128f/s (5 settings)	No
1 to 358 deg. plus other 20 settings	1 to 358 deg. plus other 20 settings	45, 90, 180, 270, 360 deg.	No	No	No
EV -27.9 to EV 55.8 (1/10 steps)	EV -27.9 to EV 55.8 (1/10 steps)	EV -6 to 27.2 (1/10 steps)	EV -5 to 26.2 (1/10 steps)	EV1 to 20 (1/3 steps)	EV3 to 17 (1/2 steps)
F0.5 to F161	F0.5 to F161	F0.5 to F90.9	F0.5 to F90.9	No	No
30 min. to 1/1000 sec. 1/75, 1/80, 1/90, 1/100, 1/200, 1/400	30 min. to 1/1000 sec. 1/75, 1/80, 1/90, 1/100, 1/200, 1/400	1 sec. to 1/500 sed. 1/75, 1/80, 1/90, 1/100	1 sec. to 1/500 sed. 1/75, 1/80, 1/90, 1/100	No	No
Yes	Yes	No	No	No	No
Yes (in 10% step)	Yes (in 10% step)	No	No	No	No
Yes (9 times)	Yes (9 times)	No	No	Yes (1 memory with indicator)	No
Yes (±9.9 EV in 1/10 step)	Yes (±9.9 EV in 1/10 step)	No	No	No	No
Yes(-5.0 to 5.0EV)	Yes(-5.0 to 5.0EV)	No	No	No	No
Yes (preset 24 types plus 6 settings)	Yes (preset 24 types plus 6 settings)	No	No	No	No
Yes(-9.9 to +9.9)	Yes(-9.9 to +9.9)	No	No	No	No
Yes(-1.0 to +1.0)	Yes(-1.0 to +1.0)	Yes(-1.0 to +1.0)	No	No	No
Yes	Yes	No	No	No	No
Yes (13 items)	Yes (13 items)	Yes	Yes	No	No
Yes	Yes	No	No	No	No
No	No	No	No	No	No
Yes	Yes	No	No	No	No
Touch Panel operation	Touch Panel operation	Up/Down Key	Up/Down Key	Dial Ring	Dial Ring
No	No	No	No	No	No
No	No	No	No	No	No
-10 to 50°C	-10 to 50°C	0 to 40°C	0 to 40°C	0 to 40°C	0 to 40°C
AAA Batteries 1.5V x 2	AAA Batteries 1.5V x 2	AA Batteries 1.5V x 1	AA Batteries 1.5V x 1	No Battery (amorphous sensor)	CR2032 lithium battery 3.0V x 1
140g	130g	95g	95g	190g	45g
57 x 140 x 26	57 x 140 x 26	63 x 110 x 22	63 x 110 x 22	58 x 112 x 34	45 x 65 x 24