

New product

SEKONIC

ZOOM MASTER L-508 ^{P315}

C97A1

The only light meter you will ever need.

ZOOM MASTER

The first with Built-in 1° to 4° Zoom Spot Metering



The Versatile ZOOM MASTER L-508: from portraits to landscapes.

Point 1

The first light meter with built-in 1° to 4° Zoom Spot metering.

You can zoom from an extremely narrow one-degree angle to an angle of four degrees. Moreover, since there is no parallax, you can accurately measure the area you want.



When measuring at a light receiving angle of 1 degree



When measuring at a light receiving angle of 4 degrees

- 1 Zoom Lens
- 2 Lumisphere
- 3 Liquid Crystal Display (LCD)
- 4 Incident /Reflected Spot Selector Switch
- 5 Set/change Dial
- 6 Average / ΔEV (Brightness Difference) button
- 7 ISO 2 button
- 8 Power button
- 9 Synchro terminal
- 10 Mode set button
- 11 ISO (main) button
- 12 Memory Clear button
- 13 Booster Outlet
- 14 Memory button

Point 2

You can switch between incident light and reflected light modes with a single touch.

You can speedily determine exposure for your photographic intent by referring to measured values in incident light mode and reflected light mode for measured values for each spot.



Photographic data: shooting at 1/125 sec and F5.6+1/2 (shutter speed priority mode)

- | | |
|---|-------------------|
| A Measurement in incident light mode in front of the face | F5.6 |
| B Measurement of the entire screen in reflected light mode (light reception angle 40°) | F11 |
| C Measurement of bright areas of the face at a light reception angle of 1 degree | F5.6 ⁷ |
| D Measurement of dark areas of the face at a light reception angle of 1 degree | F5.6 ² |
| E Measurement of the hair at a light reception angle of 1 degree | F2.8 |
| F Measurement of the blouse at a light reception angle of 1 degree | F11 ⁵ |

Based on this data, since we want to treat the surroundings of the girl carefully, we decide on F5.6 +1/2 (F5.6s in the table) for the aperture (f stop).



every challenge

Point
3

A complete line-up of measurement functions

● Memory function

Up to three measured points can be stored in memory and displayed in the analog (dot) section. This feature is used in measurement of illumination contrasts and to verify a reappearing range.

● Averaging function

Up to three measured values in memory can be averaged and displayed.

● Brightness Difference

The difference between a memorized exposure and other areas is displayed through EV value and F value (on the analog dot scale).

● Retractable Lumisphere also functions as a flat diffuser.

By moving the lumisphere down, the flat diffuser function can be activated. After checking directional lighting with a flat diffuser, the raised lumisphere can quickly be engaged to measure exposure.



Lumisphere



Flat diffuser

● You can choose from aperture, shutter speed, and EV value displays.

You can choose shutter speed priority, aperture priority, or EV mode.

● Other

Cumulative flash measurements and setting 1/2 shutter speed are also possible.



1 Proper 1/60 seconds F8 (incident light mode)

Measure spots A, B, and C, and using the memory and averaging functions, determine the exposure. Shooting at that value produces the properly exposed photograph of 1.



2 1/60 seconds F11+1/2 (reflected light mode)

If a photograph is taken with the value measured in reflected light mode at a light reception angle of 40°, light leaking from the blind is received, resulting in the underexposed photograph of 2.

Other features

Point
4

Superior ease of operation

Settings for infrequently used modes are housed in the dip switches, so that operation is simple.



Point
6

Easy-to-see liquid crystal display can be used even in dark places.

The backlight automatically lights up in dark places.



Point
5

Everyday water resistant construction

"JIS Class 4 Moisture resistant"

Can be safely used even when sprayed by water spray, or in rain.

Point
7

ISO 2 film sensitivity setting is possible.

This is convenient when using a different sensitivity film such as instant film or with a test photograph or instant proof.



■ Accessories (Sold separately)

There are many accessories for the L-508 to assist you in making various measurements suitable for the subject you are shooting.

① Booster

L-508 Luminance measurement of the focus glass of the view finder, TTL measurement of 35 mm camera, and determining exposure during microscopic photography are possible by attaching a booster. This can also be used in reflected light mode at a 60-degree angle of light reception.

(Main unit, Pin-point attachment, Microscope attachment, 35 mm film plane attachment)

A Pin-point attachment

If the Pin-point attachment is used, exposure and contrast of the photographic subject can be measured on the focus glass surface in the view camera. It is not necessary to correct multiple exposures.



B Microscope attachment

The Microscope attachment is installed in the eyepiece of the microscope to enable exposure measurement for microscopic photography.

C 35 mm film plane attachment

If the 35-mm film plane attachment is used, the exposure at the film plane in the 35-mm camera can be measured. It can also be used to calibrate the booster with microscope measurement.

② Mini light receptor

The lumisphere is a 12-mm in diameter incident light type mini light receptor. It is convenient for making measurements in narrow areas where an exposure meter cannot be accessible, or for close up photography.

③ Synchro cord

This is a five-meter long cord with three plugs. An exposure meter, a camera, and a flash can all be connected at the same time. This is convenient when measurements are made, because it is not necessary to plug and unplug the synchro cord.

④ Standard gray card

This is a gray card (110 X 102 mm) with 18% reflection ratio. To avoid affects when measuring subjects with high (or low) reflective percentages or varying reflective percentages, exposure is determined by considering the average reflective ratio to be 18%.

■ Principal specifications

Type	Digital exposure meter for ambient and flash metering with built 1° to 4° in zoom.	
Light receiving method	Incident light and reflected light metering system	
Light receiving section	Incident light	Lumisphere → flat diffuser (lumisphere down position)
	Reflected light External light receptor	Zoom (Light receiving angle 1° to 4°). Booster, Mini light receptor unit (sold separately)
Light receiving element	Silicon photo diode	
Metering systems	Ambient light	Aperture priority metering, Shutter priority metering, EV metering value
	Flash	With synchro cord (cumulative, non-cumulative) Without synchro cord (cumulative, non-cumulative)
Measuring range (ISO 100)	Ambient light	Incident light EV-2 to EX 19.9 (in 0.1 steps) Reflected light EV 3 to EX 19.9 (in 0.1 steps)
	Flash	Incident light F1.0 to F128 + 0.9 stop (in 0.1 steps) Reflected light F5.6 to F128 + 0.9 stop (in 0.1 steps)
Repeat accuracy	±0.1 EV or less	
Calibration constant	Incident light metering	Lumisphere C = 340
	Reflected light metering	Flat diffuser C = 250 K=12.5
Display range	Film speed Shutter speeds	ISO 3 to 8000 (in 1/3 steps) Ambient light: 30 minutes to 1/8000 seconds (single or half steps) Other: 1/200, 1/400 Cine photography 2, 3, 4, 6, 8, 12, 16, 18, 24, 25, 30, 32, 36, 40, 48, 60, 64, 72, 96, 120, 128, 150, 200, 240, 256, 300, and 360. (at a 180 degree open angle) Flash: 1 second to 1/1000 seconds (single or half steps) Others: 1/75, 1/80, 1/90, 1/100, 1/200, and 1/400
	Aperture EV value Brightness difference Number of cumulative measurements Correction display Analog display	f/1.0 to f/128+0.9 (in 0.1 steps) EV -9.9 to EV36.1 (in 0.1 steps) EV -9.9 to EV 9.9 (in 0.1 steps) 0 to 9 EV -9.9 to EV 9.9 (in 0.1 steps) F/1.0 to F/128 (in 0.5 steps)
Battery used	A single type AA battery (manganese, alkaline, or lithium dry cell)	
Operating temperature range	-10°C~50°C	
Storage temperature range	-20°C~60°C	
Dimensions	Approximately 84 wide X 156 high X 40 thick mm	
Weight	Approximately 210 g. (without battery)	
Standard accessories	Soft case, strap, lens cap, synchro terminal cap, AA battery	
Other functions and structure	Memory (3 points in incident light mode, 3 points in reflective light mode), Averaging, Brightness difference, Auto power off (20 minutes after last operation), Auto illumination, Dip switches for mode selection, All-weather feature (JIS Class 4 Moisture resistance), 1/4" tripod socket, Diopter correction (Accepts Nikon TM F-801S or F801).	

●NikonTM is trademark of owner. Specifications and appearance subject to change without notice.

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