

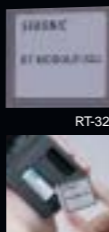
BASIC SPECIFICATIONS L-558 & L-558CINE

Measuring System:	Incident and Reflected for flash and ambient light with 1°spot
Photo cells:	Silicon Photo Diode
Measuring range: (ISO 100)	Ambient Incident: EV -2 to EV 22.9 Ambient Reflected: EV 1 to EV 24.4 Flash Incident: F0.5 to F161.2 Flash Reflected: F2.0 to F161.2
Film Speeds:	ISO 3 to 8000(in 1/3 stop), Dual ISO settings
F/stop display range:	F0.5 to 128(in 1, 1/2, 1/3 stop)
Shutter speed range:	Ambient: 30m to 1/8000 sec.(1, 1/2, 1/3stop) plus 1/200, 1/400 Flash: 30m to 1/1000 sec. (1, 1/2, 1/3stop) plus 1/75, 1/80, 1/90, 1/100, 1/200, 1/400
Cine speeds(f/s) 558:	2,3,4,6,8,12,16,18,24,25,30,32,36,40,48,50, 60,64,72,96, 120,128,150,200,240,256,300,360
558CINE:	1,2,3,4,6,8,12,16,18,24,25,30,32,36,40,48,50, 60,64,72,75, 90,96,100,120,125,128,150,200,240,250,256, 300,360 375,500,625,750,1000 (at a 180 degrees shutter angle)
EV range:	EV(-)9.9 to EV46.6(in 1/10 stop)
Analog scale	558: F scale:F1.0 to F128(in 1/2 stop) T scale:F4.0sec to 1/4000sec. (in 1/2 stop) 558CINE:F0.5 to F45 (in 1/3 stop)
Memory function:	Up to 9 readings (with memory recall)
Multiple flash function:	Unlimited flash reading
Flash analyzing function:	0 to 100% in 10% increments
Exposure compensation:	-9.9 to 9.9EV for incident and reflected independently
Calibration compensation:	-1.0 to 1.0EV for incident and reflected independently
Filter compensation:	-5.0 to 5.0EV
Customer settings	558: 6 items 558CINE: 9 items
Auto power off:	Approx.20 min
Power source:	3.0V x 1(CR123A battery)
Dimensions:	90w x 170h x 48dmm
Weight:	268g(with battery)
Standard accessory:	Soft case, Strap, lens cap, synchro terminal cap, CR123A lithium battery, CS sticker
Optional accessories:	Wireless flash radio triggering system (Radio transmitter module RT-32, Radio receiver RR-32/RR-4) Synchro cord, 2X Angle converter, Step up ring, 18% Gray card
LUX	0.63 to 190,000
Foot-Candle	0.12 to 180,000
Cd/m ²	0.25 to 190,000
Foot-Lambert	0.07 to 190,000
Shutter Angle setting:	5 to 270 at 5 stop+ 144 and 172 °
Filter factor number compensation:	85-, n3-, n6-, n9-, A3-, A6-, A9-

Specifications Subject to change without notice

Optional Accessories

Digital Wireless Radio Triggering System
(for L-558 / 558CINE, L-608 / L-608CINE, L-358)



Radio Triggering Module RT-32

The Radio Transmitter Module plugs directly into a built-in compartment behind the battery door. The Transmitter module triggers the electronic flash units wirelessly as the meter takes a measurement. Channel ID's are easily selected through the meters built-in software (CH 1-16 Single Remote Triggering, CH 17-32 Remote control "Quad Triggering"), Compatible with Sekonic and Pocket Wizard Digital Radio Slaves.



Radio Receiver RR-32

Thirty-two digitally coded channels provide added security in high radio interference environments, preventing false or missed triggering. Its unique features such as "Quad Triggering"(selective triggering of individual/groups of electronic flash units) offers the photographer creativity control and performance even in the most challenging photographic assignments. (The first four channels of the RR-4 are compatible with the first four channels of the RR-32).



Radio Receiver RR-4

Four digitally coded channels provide reliable triggering of remote electronic flash units. Its simple features provide easy and dependable operation. Connecting cables for specific electronic flash units required.

*Approved to FCC, Canada IC and CE

Step Up Ring



(for L-558/558CINE/L-608/608CINE)

For attaching filters to the front of the lens (up to 40.5mm filter). Also acts as a lens hood preventing erroneous light measurements caused by lens glare.

SEKONIC

NEW

Dualmaster

L-558CINE / L-558



SEKONIC CORPORATION

7-24-14, OIZUMI-GAKUEN-CHO, NERIMA-KU, TOKYO, 178-8686, JAPAN
TEL. ++81-3-3978-2335 FAX. ++81-3-3978-5229
http://www.sekonic.co.jp

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Seeing light at the edge of darkness Measure the unknown with ...the L-558 DUALMASTER

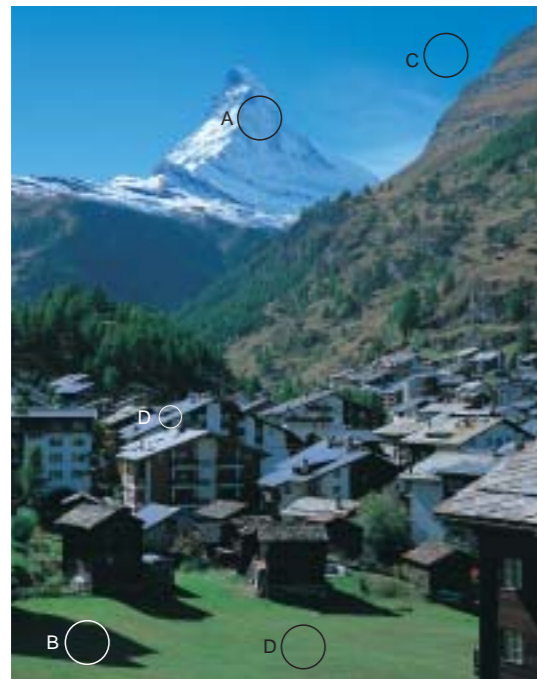
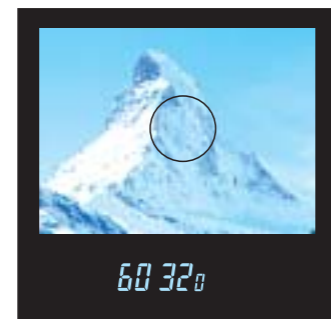
The L-558 DUALMASTER is a multi-function light meter, that is designed to meet the challenges and demands of today's film and digital photographers. It offers various functions, to accommodate the most critical and precise photographic shooting conditions without sacrificing easy of use and affordability. For a wide range of precision exposure and light measuring applications.



Sample of Incident Measurement

Darkness Spot (1°) measurements.

Capturing the subtle light at the edge of darkness when shooting landscapes, vignette backgrounds (when using the flash) or the hint of a shadow in a portrait has been the impossible dream for demanding photographers for years ...In response to those wishes, Sekonic has listened and responded with the L-558 DUALMASTER. The L-558 is the world's first multi-function light meter that breaks the reflective flash barrier with a super sensitive flash measuring sensor, that detects flash light levels as low as F2.0. This incredibly sensitive sensor performance has been carried over to the ambient light measuring range and sports an impressive low light detection down to EV1. Photographic some of the most beautiful landscapes in the world can be a difficult challenges, especially when trying to capture detail that fall within the fringe differences of light and darkness. The L-558 DUALMASTER integrates a 1° spot meter that displays metering values in the viewfinder for quick and accurate light evaluation and exposure. With its quick action selector knob, switching from incident to reflected light readings is smooth and convenient when speed and flexibility is necessary.



- A Measurement of the snowy gradient..... F32₀
- B Measurement of house shadows F4.0₁
- C Measurement of the blue sky..... F22₃
- D Measurement of the green grass F16₅

The above measurements are a result of a 6 f-stop range of light from the highlights to the shadow details. Since a 6 stop aperture range surpass film and digital capture latitude (reproduction range), it is impossible to render all the details in both the highlights and shadow details, so the image of the snowy mountain is captured using an aperture of F16.0, 2 stops from the highlight.
Data: F16.0, T1/60s

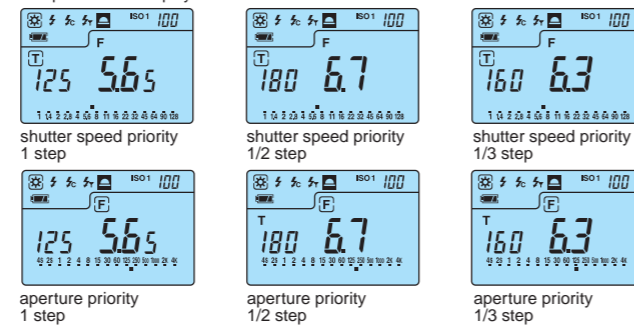


L-558

Full, 1/2 or 1/3 step selectable readings

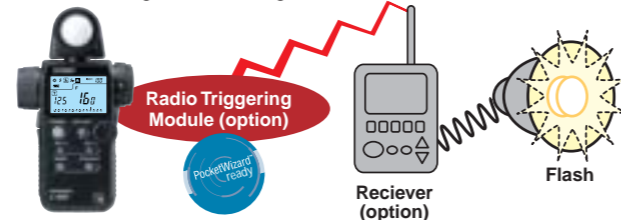
Both shutter speeds and apertures can be displayed in either full, 1/2 or 1/3-step increments to match your film or digital camera. Selecting Full, 1/2 or 1/3-step increments is quick and easy with custom settings.

Samples: L-558 Display

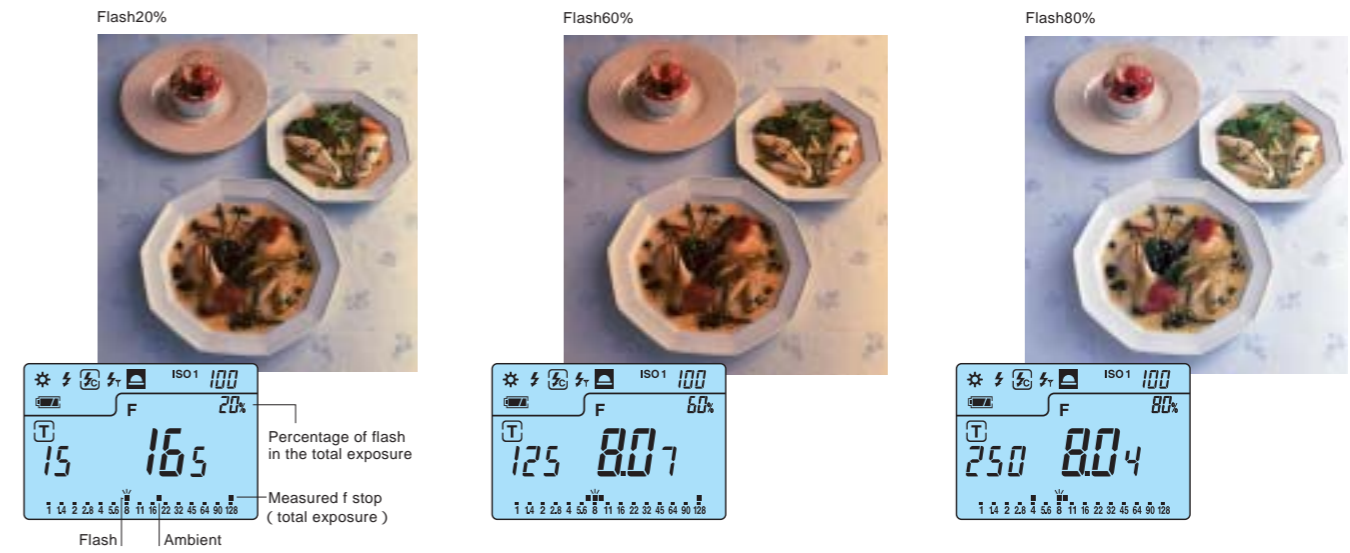


Optional Plug-in Radio Transmitter Module

Electronic flash units and/or cameras can be triggered wirelessly from either the L-558 or L-558CINE DUALMASTER meters optional plug-in, multi-channel digital radio transmitter. No more tripping over sync cords, or fumbling with PC connectors. Compatible with all PocketWizard Digital Radio Receivers, the L-558/L-558CINE can simultaneously trigger and measure your electronic flash units up to 100 feet away. With the plug-in radio transmitter module you can also select through the meter's easy to use direct function keys, "Selective Quad Triggering Control" which provides you with up to four zones of lighting control remotely. Now you can individually measure several flash units wirelessly by the touch of the meter's measuring button, without walking over to each light and turning it on or off.



Analyzing Function In flash/ambient analyzing mode, the L-558 and L-558CINE DUALMASTER simultaneously reads both flash and ambient light automatically in order to analyze and display the exposure data in 3 convenient ways: 1) Combined readings of flash and ambient, 2) Percentage of flash in the total exposure, 3) Simultaneous display of flash, ambient and combined readings on the analog scale. Now you can take ambient, flash or mixed lighting exposure measurements without fumbling with meter modes, switches or different displays. All the information is right in front of you where it needs to be.



Other Function

Memory Mode

Up to nine readings can be memorized in incident or spot metering modes independently in both Aperture Priority and Shutter Priority Modes. Contrast evaluation(EV) and averaging are possible in both modes. Pressing the memory button after taking a light reading sets a mark (icon) on the analog scale at the bottom of the LCD panel. A numeric value appears next to the memory symbol "M" on the display as a reminder of how many measurements have been



stored. When switching in the same mode from spot to incident, memory readings are retained. The memory function of the L-558 series provide the photographers with an effective way of retaining and analyzing shadow, midtone and highlight exposure readings.

Auto Backlight

A unique, cool green electroluminescent backlight automatically turns on in low lighting situations.



All-Weather Design

All buttons, switches and compartments are sealed and the meter housing has been designed to endure rugged outdoor conditions. Ideal for location shooting, at the beach, in rainy or humid environments.



Optional Step Up Ring (Lens Hood)

For attaching filters to the front of the Spot lens. (up to 40.5mm filter thread) It helps to determine exposure value without calculation of compensation for circular PL filters. It also acts as the Spot Lens Hood preventing erroneous light measurements caused by lens glare.

- Cumulative Flash Exposure
- Average Function
- Monitor Function (Contrast Evaluation)
- Aperture Priority Mode
- Shutter Speed Priority Mode
- EV Range Metering
- Foot-Lambert Cd/m²(L-608CINE)
- Foot-Candle, Lux Metering

The L-558CINE Special features

Designed especially for today's cinematographer and videographer, the L-558CINE incorporates all the popular features of the L-558, PLUS... Shutter angle settings, Cine speed (f/s),Lux, Foot-Candle, Cd/m² Foot-Lambert, preset filter factor number compensation and 9 custom function settings. 1/3 step increments analog display. Ideally suited for motion picture, video, theatre, stage, museum and industrial lighting applications.

Lux:	0.63 to 190,000
Foot-Candle:	0.12 to 180,000
Foot-Lambert:	0.07 to 190,000
Cd/m ²	0.25 to 190,000
Shutter angle settings:	5° to 270° at 5° steps + 144° and 172°
Filter factor number compensation:	85, n3-, n6-, n9-, A3-, A6-, A9-
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L-558 CINE