

SEKONIC®

In the studio or on location...

DUALMASTER
L-558R
L-358



The Sekonic DualMaster L-558R and L-558CINE

THE NEW BENCHMARK IN ADVANCED LIGHT ANALYZING
AND EXPOSURE CONTROL FOR FILM OR DIGITAL ...
NOW WITH WIRELESS TRIGGERING CONTROL BUILT-IN.

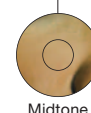


The L-558R DualMaster is the only multi-function light meter that incorporates a wireless triggering transmitter built-in. It has been designed to meet the challenges and demands of today's film and digital photographers. The L-558R offers versatile functions, to accommodate the most critical and precise photographic shooting conditions without sacrificing ease of use and affordability.

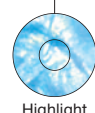
It offers superior performance with new, redefined standards for precise, multi-function exposure and analyzing controls. With a turn of a knob the L-558R changes from an incident meter to a 1 degree spot meter all combined into one rugged, compact, all-weather housing. It features a Digital 1 degree Spot viewfinder, which displays f-stops, shutter speeds, EV and more. In electronic flash measurement modes, the flash-analyzing feature simultaneously evaluates both flash and ambient light. Along with many features such as special light measurement modes, extended sensitivity range, custom calibration and CINE mode, it also offers custom settings. The L-558R's flexible design accommodates your ever-changing shooting situations.

That's because it's the world's first multi-function meter with Digital Wireless Freedom built-in. With its built-in radio transmitter you now can simultaneously trigger your remote camera and or flash units and measure the flash output wirelessly, eliminating the use of unreliable PC-synch cords or shutter release cables. The L-558R DualMaster... the Power of Control... the Freedom of Wireless.

The L-558R allows metering of specific subject areas such as shadow, midtone and highlight.



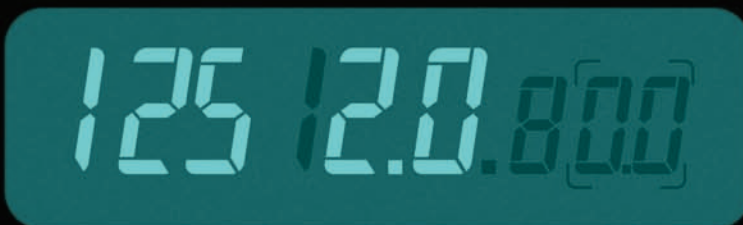
Midtone



Highlight



Shadow



1 degree Spot with Digital Display

The L-558R and L-558Cine meters feature a rectangular 1° spot viewfinder, which better matches the image aspect ratio of most camera formats. It incorporates a parallax-free 1 degree spot finder, which measures the light through a multi-element lens, preventing erroneous close-up photography light readings. The L-558R's spot viewfinder displays f-stops, shutter speeds and more with an EL (Electro-Luminescent) Digital Display. The spot meter measures reflected ambient light, flash or both simultaneously. It can instantly be switched from incident to spot measurement mode as your shooting needs change. With its super sensitive sensor, the L-558R breaks the reflective flash barrier measuring reflected flash output down to an amazing f/2.0 and ambient measurements as low as EV 1. With its expanded range of sensitivity, measuring shadows at the edge of darkness and highlights at the fringes of total white are now possible. The 1 degree spot is ideal for measuring distant objects, highly reflective surfaces, extreme contrast scenes, backlighting situations, or when utilizing Zone System metering. It also includes an adjustable diopter eyepiece.



Built-in Radio Transmitter

Electronic flash units and/or cameras can be triggered wirelessly from the L-558R's 32-channel digital radio transmitter. No more tripping over synch cords, or fumbling with PC connectors. Compatible with all PocketWizard Digital Radio Receivers, the L-558R can simultaneously trigger and measure your electronic flash units up to 100 feet away. You can also select through the meter's direct key access, "Quad Triggering mode" which provides you with up to four zones of lighting control remotely. Now you can individually measure several flash units wirelessly with the touch of the meter's measuring button, without walking over to each light and turning them on or off. You can even trigger motor-driven cameras from the meter. Part of the Digital Wireless Freedom system, the L-558R, is a wireless exposure meter and exposure maker.



Dual ISO Settings

The L-558R and L-558CINE offer the flexibility of taking a single exposure measurement and displaying the f-stop and shutter speed for two different ISO settings, such as two different digital camera sensitivities or negative film and Polaroid proofing film. By holding down the ISO 2 button, the last exposure reading is automatically re-calculated for the second film speed or digital camera ISO rating.

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 in humid environments.

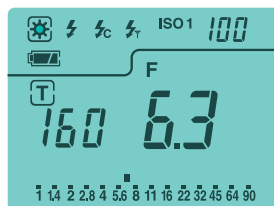
Lens Hood

The Lens Hood prevents erroneous light measurements caused by lens glare. It also acts as a step-up ring for attaching filters to the front of the 1° Spot lens (up to 40.5mm filter thread).

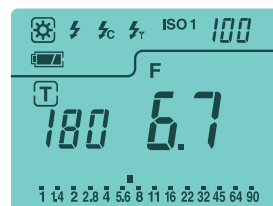


Full, 1/2 or 1/3 step selectable readings

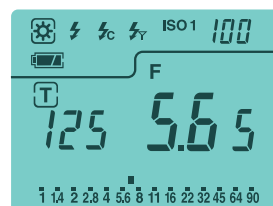
Both shutter speeds and apertures can be displayed in either Full, 1/2 or 1/3-step increments to match your film or digital camera. Selection is quick and easy with its custom setting software.



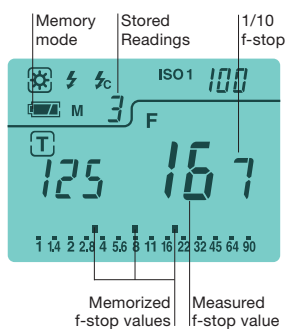
Shutter speed 1/3 step
aperture 1/3 step



Shutter speed 1/2 step
aperture 1/2 step



Shutter speed full step
aperture full step



Memory Mode

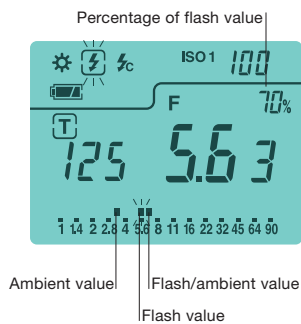
Up to nine readings can be memorized in incident or spot metering modes independently in both Aperture and Shutter Priority modes. Contrast evaluation and averaging is possible in both modes. Pressing the memory button after taking a light reading displays a symbol on the analog f/stop scale. The total number of memorized measurements appear near the symbol "M". When switching in the same mode from spot to incident, memory readings are retained. This provides the photographer with an effective way of retaining and analyzing shadow, midtone and highlight exposure readings.

Analyzing Function

In flash/ambient analyzing mode, the L-558R and L-558CINE 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.

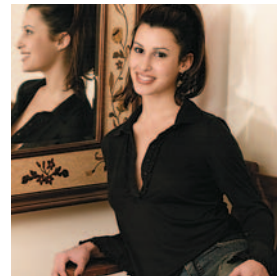
Now you can take ambient, flash or mixed lighting exposure measurements without fumbling with meter modes, switches or different displays.



Available Light



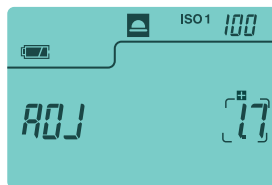
Flash



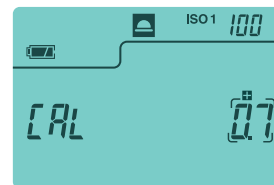
Balanced

Exposure, Calibration and Filter Compensation

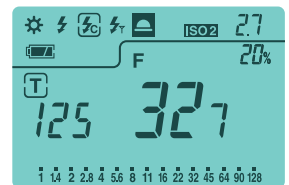
Independent incident and reflected exposure compensation of up to ± 9.9 EV can be easily set for custom film exposure corrections, digital camera sensor corrections or for bellows extension factors. With the calibration compensation setting of ± 1.0 EV, matching built-in camera meters or other handheld meters is a snap. There is even a filter compensation setting of ± 5.0 EV for filter factor compensation.



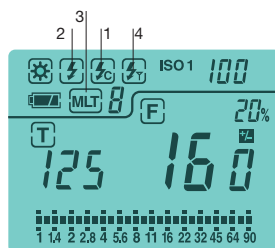
Exposure compensation



Calibration compensation



Filter compensation



Full-Featured Flash Measurements

1. Cord Flash Mode – for use with standard PC synch cable
2. Cordless Flash Mode – measures manually triggered flash without a PC synch cable
3. Multiple Flash Mode – unlimited cumulative measurement of multiple triggered flash
4. Radio Triggering Mode – wireless triggering and measuring of flash up to 100 feet away

SPECIAL FEATURES FOR
MOTION PICTURE, STAGE LIGHTING AND
VIDEOGRAPHY APPLICATIONS

The Sekonic DualMaster L-558CINE



Designed especially for today's cinematographer and videographer, the L-558CINE DualMaster meter incorporates all the popular features of the Sekonic L-558R exposure meter. It features many specialized functions to address the needs of motion picture, video, theater, stage, museum and industrial lighting applications, while still retaining many of the features useful to the still photographer. Responding to the demands of working professionals, Sekonic has designed a built-in 1° spot with digital display viewfinder, as well as a large external LCD panel. An extensive range of Preset filter compensation values and 9 custom function settings offer quick setup and individual meter preferences. Extended sensitivity range, exposure and calibration compensation all add to an impressive meter all in one weather resistant package.

PLUS

SHUTTER ANGLE SETTINGS FROM 1° TO 270°
(NEW ADDED SETTINGS OF 1,2,3,4,6,7,8,9,12,17,22 144 AND 172°)

CINE SPEED 1 THROUGH 1000 (FPS)
(NEW ADDED SPEEDS OF 10,14,20 AND 180 F/S)

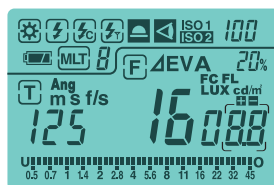
FOOT-CANDLES (READINGS FROM 0.12 TO 180,000)

LUX (READINGS FROM 0.63 TO 190,000)

CD/M2 (READINGS FROM 0.25 TO 190,000)

FOOT-LAMBERT (READINGS FROM 0.07 TO 190,000)

EV, APERTURE AND SHUTTER PRIORITY MEASUREMENTS



Liquid Crystal Display readouts

Illuminance mark / Luminance mark (558 CINE)

FC Appears when Foot-Candle is selected

LUX Appears when Lux is selected

FL Appears when Foot-Lambert is selected

cd/m² Appears when Cd/m² is selected

T Shutter priority indicator

f/s Shutter speed display for frames per second (f/s)

Ang Appears when shutter angle is set to a value other than 180 degrees

The Sekonic Flash Master L-358

SETTING THE STANDARD AS THE
PERFECT CHOICE OF ADVANCED FEATURES,
EASE OF USE AND AFFORDABILITY



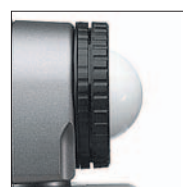
The Sekonic L-358 Flash Master is the perfect blend of advanced features, user-friendly functions and affordability combined in one light meter. It is both an ambient meter and a flash meter joined together into one rugged, compact, all-weather housing. It features flash and ambient analyzing, so you can select the right amount of either ambient or flash exposure. It also offers a built-in, retractable, incident Lumisphere, for quick comparisons of wide to narrow angle incident measurements. The L-358 offers simplicity in the most demanding shooting situations. That's because it's the world's first affordable meter with Digital Wireless Freedom. With an optional digital radio flash triggering module, you now can simultaneously trigger your remote camera and/or electronic flash units and measure the flash output wirelessly without troublesome PC-synch cords. An optional, parallax-free spot finder extends the versatility of the meter with a choice of 1°, 5° or 10° viewfinders.

Retractable, removable and rotating lumisphere

Quickly change from standard incident (hemispherical or Lumisphere in the up position – 180° angle) to cosine corrected (narrow – 90° angle) light readings with a turn of a ring. Ideal for portrait lighting it offers brightness evaluation or light ratio setups and is also ideal for flat art work light measurements. With the 270° rotating Lumisphere, reading the display is possible while positioning the Lumisphere toward the light or the subject without ever losing sight of the meter's display. Optional 1°, 5° or 10° spot finders easily attach to the meter in place of the removable Lumisphere. A Lumigrad (reflected light receptor) is included with the L-358 for reflected light measurements.



Rotating



Extended



Retracted



Optional Spot Viewfinders

The L-358 accepts optional spot finder attachments that extend the versatility of the meter with a choice of 1°, 5° or 10° spot measurements, which easily attach to the meter. Each spot finder features Parallax-free swiveling eye-piece for precise spot metering.



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.

Dual ISO

The L-358 offers the flexibility of taking a single exposure measurement and displaying the f-stop and shutter speed for two different ISO settings, such as two different digital camera sensitivities or negative film and Polaroid proofing film. By holding down the ISO 2 button, the last exposure reading is automatically re-calculated for the second film speed or digital camera ISO rating.

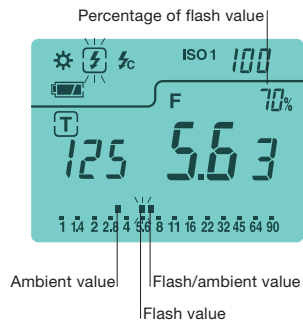


Optional plug-in radio transmitter module

Electronic flash units and/or cameras can be triggered wirelessly from the L-358 meter's optional plug-in, multi-channel digital radio transmitter. No more tripping over synch cords, or fumbling with PC connectors.

Compatible with all PocketWizard Digital Radio Receivers, this meter can simultaneously trigger and measure your electronic flash units up to 100 feet away. You can also select through the meter's software, "Quad Triggering mode" which provides you with up to four zones of lighting control remotely. Now you can individually measure several flash units wirelessly with the touch of the meter's measuring button, without walking over to each light and turning them on or off. You can even trigger motor driven cameras from the meter. Part of the Digital Wireless Freedom system, the L-358 is a wireless exposure meter and exposure maker.



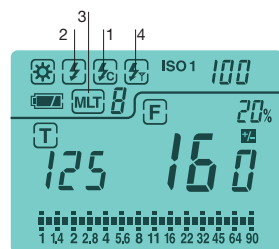


Analyzing Function

In flash/ambient analyzing mode, the L-358 simultaneously reads both flash and ambient light automatically in order to analyze and display the exposure data in 3 convenient ways:

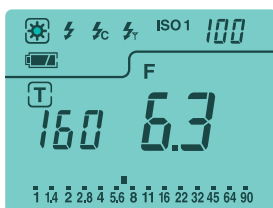
1. Combined readings of flash and ambient
2. Percentage of flash in the total exposure
3. Simultaneous display of flash, ambient and combined readings on the analog scale.

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.

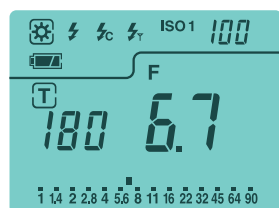


Full-Featured Flash Measurements

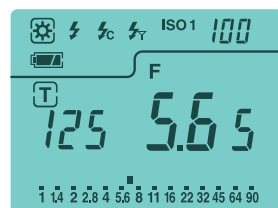
1. Cord Flash Mode – for use with standard PC synch cable.
2. Cordless Flash Mode – measures manually triggered flash without a PC synch cable.
3. Multiple Flash Mode – unlimited cumulative measurement of multiple triggered flash
4. Radio Triggering Mode – wireless triggering and measuring of flash up to 100 feet away



Shutter speed 1/3 step
aperture 1/3 step



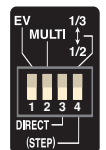
Shutter speed 1/2 step
aperture 1/2 step



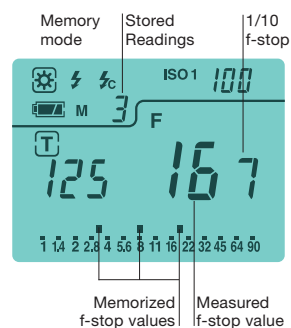
Shutter speed full step
aperture full step

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 camera. Selecting Full, 1/2 or 1/3-step increments is quick and easy with custom setting DIP switches located in the battery compartment.



Custom
setting
Dip
Switches



Memory Mode

Up to nine readings can be memorized in incident or spot metering modes independently in both Aperture and Shutter Priority modes. Contrast evaluation and averaging is possible in both modes. Pressing the memory button after taking a light reading displays a symbol on the analog f/stop scale. The total number of memorized measurements appear near the symbol "M". When switching in the same mode from spot to incident, memory readings are retained. This provides the photographer with an effective way of retaining and analyzing shadow, mid-tone and highlight exposure readings.

SEKONIC

Auto Backlight

The L-558R, L-558CINE and L-358 feature easy to read large digital displays. All modes and functions are easily understood in recognizable symbols. A unique, cool green electro-luminescent backlight automatically turns on in low lighting situations.



Film or Digital ... it's still light

Digital image capture requires much more accurate exposure control, far greater than traditional color films. Each tone in a digital image is captured and represented in 256 possible levels of brightness (8-bit capture) or up to 65,000 levels (16-bit capture) in RAW mode. These levels of brightness represent the highlights, mid-tones and shadow detail possible to capture with a given dynamic range of a digital camera. Working within the limits of the dynamic range of a digital camera ensures the greatest quality images that a professional photographer can expect. Depending on the type of file that is being captured, RAW, JPEG, etc. the limits or latitude can be very different. JPEG capture offers very little tolerance with over or under exposure and even RAW capture with its wider latitude for correction in the development phase tends to be limited as compared to conventional color negative film.

To avoid noise in the shadow details and loss of data in the highlights, proper exposure management is more important today than ever before. Good metering technique along with a precision light meter is indisputably the best way to ensure quick, reliable and repeatable exposure results.

A perfect match for today's digital cameras, the latest Sekonic light meters offer Full, 1/2 and 1/3 step direct display of apertures and shutter speeds along with flash/ambient exposure analyzing. The Sekonic L-558R DualMaster offers even greater advantages such as 1° degree spot metering for shadow and highlight evaluation well beyond the sensitive range of other meters. The perfect companion in the studio or on location, Sekonic's PocketWizard-enabled light meters offer the power of wireless control via Selective Quad-Triggering radio control.

AVOIDING LOSS OF HIGHLIGHT DETAIL

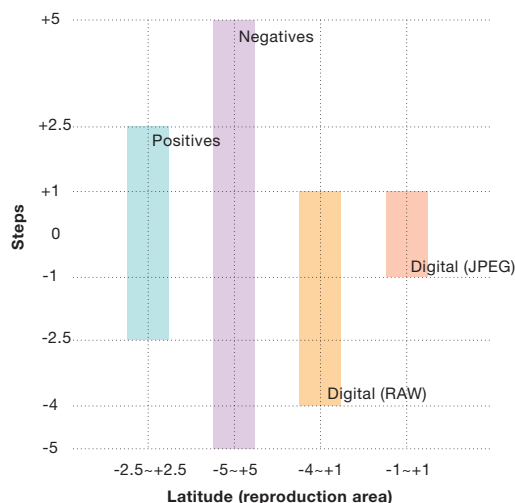
In the conventional world of film, especially negative film, over exposure was never a major problem. In fact many photographers intentionally over expose for better contrast range.

Using the same approach with digital exposure today is disastrous. Over exposure with digital capture outside of the limits of the sensors capabilities causes each pixel to reach its limit for capturing the data and the exposure surpasses the limits of the sensor. The final result "Saturation Point" is loss of data in the highlight areas and possible blooming or fringing. This condition is significantly amplified by a narrow latitude sensor or when files are captured with file compression systems such as JPEG.

Compared to the latitude of color negative film with a 10 step range from -5 to +5 from middle gray, and color positive film with a 5 step range (-2.5 to +2.5), digital capture offers an average of a five step range of approximately -4 (shadows) to +1 (highlights) depending on the camera and sensor, when the image is captured in

RAW mode. The range is significantly reduced and more critical when shooting in the faster more convenient JPEG mode.

Using a handheld meter such as the L-558R DualMaster, offers a quick evaluation of the exposure in the highlights and a better understanding of the contrast range of the lighting in the image. Working within the tolerance of the digital camera or digital capture back ensures the best exposure range and image quality in a fast and recognizable method.



There's no substitute for good exposure metering and lighting control when it comes to film and especially digital capture. The same issues that handicapped photographers with built-in metering film cameras are amplified with digital cameras. These examples show the advantage of hand-held metering and the control it offers.



Photo-1

(Photo 1) The highlights and shadow detail in this photograph of the motorcycle are well defined when using a hand held light meter (incident mode) and the histogram indicates a continuous tonal range.

(Photo 2) The highlights and shadow detail were blocked up and lost in this image when metered with a camera's built-in meter due to its attempt to average the bright white background with the foreground. Photo 2 is the result of trying



Photo-2

to correct the exposure error using photo software. Time and effort are wasted trying to fix the bad exposure and detail in the highlights and shadow is lost. The histogram displays several drop outs (white gaps in the graph) within the image. These drop outs or gaps are void of any tonal information.

(Photo 3) A close-up of the motorcycle's tire reveals the actual loss of data from the attempted repair of the image as



Photo-3

compared to the properly exposed image. The use of an accurate hand-held light meter takes the guess work out of the shooting process and offers the confidences and reassurance that today's digital capture photographer expects. Accurate exposures, full lighting control and creativity along with reduced retouching time with photo software offer the photographer more time to concentrate on the art of photography.

Accessories

DIGITAL WIRELESS RADIO TRIGGERING SYSTEM

Radio Triggering Module RT-32

The Radio Transmitter Module plugs directly into a built-in compartment behind the battery door. Compatible with both the L-358 and L-558CINE, the Transmitter module triggers the electronic flash units wirelessly as the meter takes a measurement. Channel ID's are easily selected through the meter's built-in software. (CH 1-16 Single Remote Triggering, CH 17-32 Remote control "Quad Triggering"), compatible with PocketWizard Digital Radio triggering systems.

PocketWizard Plus Receiver

4-Channel Digital Radio Receiver, with 1600 ft range (only when triggered by a PocketWizard Transmitter, 100 ft range with L-358 or L-558R/ L-558CINE). Features extended battery life, shoe mount and 1/4"-20" mounting thread. Compatible with the first four channels of all PocketWizards. (Requires cables. Includes two "AA" Alkaline batteries)

PocketWizard MultiMAX Transceiver

32-Channel Digital Radio Transceiver, with a 1600 ft+ range. Advanced features included: integrated "Trigger Time Control" software, "Selective Quad Triggering" for up to four zones of remote control lighting, "Radio Trigger Confirmation" on all four Quad-Triggering zones and "Digital Wireless Transceiver Technology", operating as both a transmitter and receiver all in one unit. At the flip of a switch it can be set to either transmit or receive radio signals or do both individually or simultaneously. The MultiMAX also includes an illuminated Soft-Touch keypad, Back-lite LCD panel, hot shoe mount and 1/4-20 female mounting thread. Other features include 1/1000 flash synch speed (in fast mode), contact closure adjustment, trigger counter, relay mode and optional flash confirmation sensor.

OPTIONAL ACCESSORIES

Mini Probe

Allows incident measurement of small, hard-to-reach areas

Gray Card

Convenient, pocket size gray card target

Dual Synch Cord

Allows flash measurement and triggering without reconnection to camera

Spot Lens Hood (for L-558R/L-558CINE)

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

NP Finder 1°, 5°, 10° (for L-358)

All-weather designed Non-Parallax 1°, 5°, 10° (angle of acceptance) spot metering viewfinders offer precise reflected light measurements of both flash and ambient light.

Measuring range (reflected light)

Ambient:

NPF 1°	EV5~EV24.4
NPF 5°	EV3~EV24.4
NPF 10°	EV2~EV24.4

Flash:

NPF 1°	F8~F90.9
NPF 5°	F2.8~F90.9
NPF 10°	F2.8~F90.9



THE HAND EXPOSURE METER BOOK

The definitive book on hand exposure meters.

A must read for professional and serious amateur photographers alike! This book is the first and only one published on this important subject in many decades. Written by four experts, it explains the limitations of cameras with built-in exposure automation, and why modern hand exposure meters are an essential tool for perfect pictures under all conditions.



Subjects covered include:

- Why exposure meters can't think and can be fooled.
- When and how to use reflected and/or incident light measurement.
- Spot metering and metering angle-of-view.
- Flash photography, fill-flash, and multiple flash.
- The importance of exposure meters in cine and video photography.
- Soft cover, 8-1/2 x 11, 92 pages, over 30 color photos, detachable Neutral Gray Card.

Technical Specifications

FOR SEKONIC L-558R,
L-558CINE DUALMASTER AND L-358 FLASH MASTER

FEATURE	L-558R	L-558CINE	L-358
Meter type	Digital exposure meter for ambient and flash	Same as L-558R	Digital exposure meter for ambient and flash
Light receiving method	Incident and reflected light	Same as L-558R	Incident and reflected light
Incident	Retractable to flat diffuser (lumisphere in down position)	Same as L-558R	Retractable to flat diffuser lumisphere in down position)
Reflected	1°	Same as L-558R	Lumigrid 54° (standard accessory)
Light receptors	Silicon photo diodes (incident and reflected)	Same as L-558R	Silicon photo diode (incident and reflected)
Display type	Dual read out: Large LCD panel (back lite), Internal EL (Electro-Luminescent) display panel	Same as L-558R	Large LCD panel (back lite)
Metering Modes			
Ambient light	Aperture priority metering Shutter speed priority metering EV metering value	Same as L-558R Same as L-558R Same as L-558R	Aperture priority metering Shutter speed priority metering EV metering value
Flash			
With synch cord	Yes (cumulative, non-cumulative)	Same as L-558R	Yes (cumulative, non-cumulative)
Without synch cord	Yes (cumulative, non-cumulative)	Same as L-558R	Yes (cumulative, non-cumulative)
With radio triggering	Yes (cumulative, non-cumulative)	Same as L-558R	Yes (cumulative, non-cumulative)
Radio Triggering			
Radio technology	Complex 16/24 bit digitally coded	Same as L-558R	Complex 16/24 bit digitally coded
Range	100 feet from transmitter to receiver	Same as L-558R	100 feet from transmitter to receiver
Channels	1 to 16 channels standard, 17 to 32 "Selective Quad Triggering"	Same as L-558R	1 to 16 channels standard, 17 to 32 "Selective Quad Triggering"
Compatibility	PocketWizard Digital Radio Receivers or Transceivers	Same as L-558R	PocketWizard Digital Radio Receivers or Transceivers
Measuring Range @ ISO 100			
Ambient	Incident light	EV (-) 2 to EV22.9	EV (-) 2 to EV22.9
	Reflected light	EV1 to EV24.4	EV1 to EV24.4
Optional spot finder (Reflected light)		N/A	1° Spot EV5 to EV24.4 5° Spot EV3 to EV24.4 10° Spot EV2 to EV24.4
Flash	Incident light	f/0.5 to 161.2	f/1.0 to f/90.9
	Reflected light	f/5.6 to 161.2	f/1.0 to f/90.9 (with 54° Lumigrid)
Optional spot finder (Reflected light)		N/A	1° Spot f/8.0 to f/90.9 5° Spot f/4.0 to f/90.9 10° Spot f/2.8 to f/90.9
Display Ranges			
Film speeds	ISO 3 to ISO 8000 (1/3 steps)	Same as L-558R	ISO 3 to ISO 8000 (1/3 steps)
Shutter speeds	Ambient: 30 minutes to 1/8000 second (full, 1/2 or 1/3 steps) Plus: 1/200, 1/400	Same as L-558R	Ambient: 30 minutes to 1/8000 second (full, 1/2 or 1/3 steps) Plus: 1/200, 1/400
Flash	30 minutes to 1/1000 second (full, 1/2 or 1/3 steps) Plus: 1/75, 1/80, 1/90, 1/100, 1/200 and 1/400	Same as L-558R	30 minutes to 1/1000 second (full, 1/2 or 1/3 steps) Plus: 1/75, 1/80, 1/90, 1/100, 1/200 and 1/400
Cine speeds (fps)	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 (fps at a 180° shutter angle)	1, 2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 25, 30, 32, 36, 40, 48, 50, 60, 64, 72, 75, 90, 96, 100, 120, 125, 128, 150, 180, 200, 240, 250, 256, 300, 360, 375, 500, 625, 750, 1000	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 (fps at a 180° shutter angle)
Foot-Lambert	N/A	0.07 to 190,000	N/A
Cd/m2	N/A	0.25 to 190,000	N/A
Shutter angle settings	N/A	1° to 270° PLUS 1, 2, 3, 4, 6, 7, 8, 9, 12, 17, 22, 144° and 172°	N/A
Filter compensation	N/A	85, -n3, -n6, -n9, -A3, -A6, -A9	N/A

FEATURE	L-558R	L-558CINE	L-358
Foot-candle	N/A	0.12 to 180,000	N/A
Lux	N/A	0.63 to 190,000	N/A
Analog display – F-Scale	f/1.0 to f/128 (in 1/2 steps)	f/0.5 to f/45 (in 1/3 steps)	f/1.0 to f/90 (in 1/2 steps)
Analog display – T-Scale	4 seconds to 1/4000 second (in 1/2 steps)	No	2 seconds to 1/4000 second (in 1/2 steps)
Digital display	f/1.0 to f/128.9 (in full, 1/2 and 1/3 steps)	Same as L-558R	f/1.0 to f/90.9 (in full, 1/2 and 1/3 steps)
All weather design	JIS (Japanese Industry Standard) standard water resistance class 4, splash-proof type	Same as L-558R	JIS (Japanese Industry Standard) standard water resistance class 4, splash-proof type
Memory function	9 readings on analog scale (f/stop and shutter speed) with memory recall and clear feature.	Same as L-558R	9 readings on analog scale (f/stop and shutter speed) with memory recall and clear feature
Multiple flash function	Unlimited flash readings (Only last digit is displayed when more than ten flash exposures are measured)	Same as L-558R	Unlimited flash readings (Only last digit is displayed when more than ten flash exposures are measured)
Average function	Flash and ambient reads up to nine measurements	Same as L-558R	Flash and ambient reads up to nine measurements
Flash analyzing function	Percentage of flash in total exposure from 0 to 100% in 10% increments	Same as L-558R	Percentage of flash in total exposure from 0 to 100% in 10% increments
Brightness difference	Flash or ambient light evaluation (standard value vs. new measurement)	Same as L-558R	Flash or ambient light evaluation (standard value vs. new measurement)
Exposure out of range	E.u (underexposure) or E.o (overexposure) indication	Same as L-558R	E.u (underexposure) or E.o (overexposure) indication
Battery power indicator	With a symbol in 3 status levels	Same as L-558R	With a symbol in 3 status levels
Auto shut-off	Shuts down after 20 minutes of non-use	Same as L-558R	Shuts down after 20 minutes of non-use
Auto illumination	EV3 and under for 20 sec.	Same as L-558R	EV3 and under for 20 sec.
Exposure compensation – incident/ reflected independently	± 9.9EV (in 1/10 steps)	Same as L-558R	± 9.9EV (in 1/10 steps)
Meter calibration compensation – incident/reflected independently	± 1.0EV (in 1/10 steps)	Same as L-558R	± 1.0EV (in 1/10 steps)
Filter compensation – incident/ reflected independently	±5.0EV (in 1/10 steps)	Same as L-558R	N/A
Custom programs	6 custom program settings for frequently used features	9 custom program settings for frequently used features	N/A

OTHER FEATURES

Repeatable accuracy	±0.1EV or less	Same as L-558R	±0.1EV or less
Calibration constant	Incident metering: Lumisphere C=340	Same as L-558R	Incident metering: Lumisphere C=340
	Retracted Lumisphere C=250	Same as L-558R	Retracted Lumisphere C=250
	Reflected metering: K=12.5	Same as L-558R	Reflected metering: K=12.5
Power source	one 3.0V (CR123A lithium battery)	Same as L-558R	one 3.0V (CR123A lithium battery)
Operating temperature range	(-) 10° to 50° C	Same as L-558R	(-) 10° to 50° C
	14° to 122° F	Same as L-558R	14° to 122° F
Storage temperature range	(-) 20° to 60° C	Same as L-558R	(-) 20° to 60° C
	-4° to 140° F	Same as L-558R	-4° to 140° F
Dimensions	3.5W x 6.7H x 1.9D" (90W x 170H x 48D mm)	Same as L-558R	2.4W x 6.1H x 1.46D" (60W x 155H x 37D mm)
Weight	9.5 oz. (268g)	Same as L-558R	5.4 oz. (153g)

Standard Accessories

	Soft case, strap, synch terminal cap, lens cap and lithium battery.	Same as L-558R	Lumigrd, soft case, strap, synch terminal cap and lithium battery
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Optional Accessories	Cat. # Description		Cat. # Description
(Sold separately)	801-103 PocketWizard Plus Receiver	Same as L-558R	401-621 RT-32 Radio Transmitter Module
	802-450 PocketWizard MultiMAX Transceiver	Same as L-558R	801-103 PocketWizard Plus Receiver
	401-624 Lens Hood	Same as L-558R	802-450 PocketWizard MultiMAX Transceiver
	401-621 RT-32 Radio Transmitter Module*		401-515 Mini-Light Receptor
			401-361 Spot Viewfinders 1°
			401-362 Spot Viewfinders 5°
			401-363 Spot Viewfinders 10°
*Not required with L-558R – Module is built-in. Only the L-558Cine requires the Radio Module			

What is Digital Wireless Freedom?

IT IS A SYSTEM OF PROFESSIONAL PHOTOGRAPHIC PRODUCTS WHICH INCORPORATE A COMPATIBLE DIGITAL WIRELESS RADIO SYSTEM, ELIMINATING THE NEED FOR PC SYNCH AND SHUTTER RELEASE CABLES.

Electronic Flash

Select which flash unit you want to trigger (using Quad-Triggering mode) and measure the light without wires.



Sekonic

Simultaneously trigger and measure your flash units up to 100 feet away, and you can even trigger electronic shutter release cameras.

Camera & Flash

Trigger your flash and camera simultaneously without wires and measure the light output from your Sekonic meter.



Nikon D-Series

Upgrade your Nikon with PocketWizard Transceiver technology and trigger flash, cameras or both at the same time with a Sekonic radio ready light meter.



Norman D & ML Series

Norman offers PocketWizard Radio Receiver technology inside their power pack units and monolights. Both can be triggered and measured with a Sekonic radio triggering light meter.



PocketWizard

The perfect companion to Sekonic radio triggering meters. PocketWizards trigger your flash, cameras or both without wires from the palm of your hand or when attached to your camera.



Kodak DCS Pro SLR/n

With full PocketWizard Transceiver software control built-in, trigger flash, cameras or both at the same time with a Sekonic radio-ready light meter.



Dyna-Lite Wi Series

The Wi series incorporates PocketWizard Receiver technology inside. It accepts the radio triggering signals from a Sekonic radio-ready light meter wirelessly.



Profoto

Profoto Acute2R, D4 and ProB2 with built-in radio receiver accepts digital radio triggering signals from the Sekonic transmitter module without wires.



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