

SEKONIC®

The Professional Choice for Light Control

L-358

L-758DR

C-500R







Sekonic Flash Master L-358

THE SIMPLE SOLUTION TO CREATIVE LIGHT CONTROL
WITH OPTIONAL WIRELESS TRIGGERING

Directional light is powerful. It guides the viewer, creates mood, and adds dimension, depth, and texture. If you want to create a signature style that elevates your photography to the next level, the mastery of off-camera lighting should be your next goal.

Subjects – clients – are not impressed with a *shoot, view, and adjust photo style*. Lighting ratios, ambient balance, and final exposure must be set confidently. Knowledge and use of the tools of photography assure that the outcome is the intended one. And for images like this one, the Sekonic L-358 is the professional photographer's meter of choice.

Incident Light Metering

Unlike in-camera metering, handheld, incident light meters don't require multi-patterned readings, complex exposure control systems, or +/- exposure correction when they fail. They are, in fact, the simplest and most direct way to determine exposure. And because incident meters measure the light that falls on your subject, they provide camera settings that render the image exactly the way it appears. Blacks are black. Grays are gray. Whites are white.

Retracting the Sekonic L-358's Lumisphere enables you to quickly judge the brightness of multiple light sources for fast, accurate adjustment of lighting ratios.



Take exposure measurements of three-dimensional subjects with the Lumisphere extended.



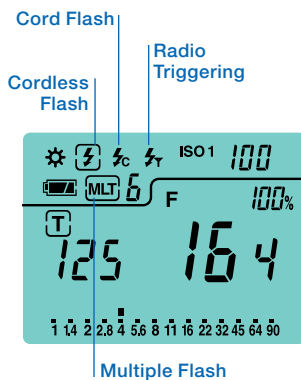
Retract the Lumisphere to read single sources or exposure readings for flat subjects like art work

Ambient Light Metering

Take shutter-priority or aperture-priority readings from 30 minutes up to $\frac{1}{8000}$ second and f/1 to f/90.9 with $\frac{1}{10}$ -stop accuracy. The L-358 displays exposure both digitally and on an analog scale for easy readout. Custom functions enable adjusting the shutter speed and aperture readout for full, half, and third-stop increments to mirror the setting of your camera. You can change exposure settings after reading and the meter will automatically compensate to maintain the proper exposure. And the extended sensitivity range, EV -2 to 22.9 for ISO 100, allows taking exposure measurements in virtually any kind of light.

Flash Light Metering

Shutter-priority readings of flash light can be made with a synch cord or cordlessly at shutter speeds from 30 minutes to $\frac{1}{1000}$ second. The L-358 automatically resets after each reading in cordless mode to enable fast adjustment of flash brightness. The multi-flash function enables accumulating an unlimited amount of flash pops for times when a single flash pop cannot achieve the proper exposure or the amount of depth of field needed for the subject.

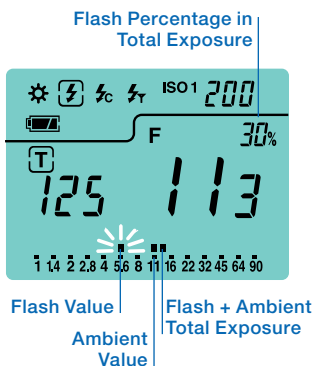


Optional Radio Flash Triggering

Simply plug the optional Sekonic RT-32 Transmitter Module into the battery compartment and wirelessly trigger flash units up to 100 feet away. The transmitter offers 32 digital coded channels and Quad-Triggering Zones and is compatible with PocketWizard® radio triggering systems, as well as the PocketWizard Wireless Freedom partners.

Analyzing Function

The L-358 is especially useful for on-location shooting to lighten shadows or reduce background detail. That's because it measures ambient and flash simultaneously and automatically indicates the percentage of flash in the total exposure. You can easily adjust the ambient flash mix by turning the Jog Wheel. The digital display indicates the camera settings and an analog display shows the relationship between ambient and flash and the total exposure.



80% Flash



50% Flash



30% Flash

©Ab Sesay

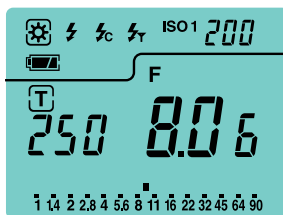
Sekonic L-358 Functions

All controls are at your finger tips. Familiar Jog Wheel operation and large LCD readout make settings fast and easy.

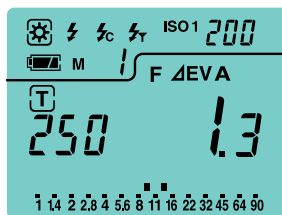


Contrast Function

Setting up lighting ratios or checking the evenness of a background or scene is push-button simple. Take a reading of the key or reference light and press the AVE/ Δ EV button to create a standard. Then press the measuring button to display the brightness difference between the standard and new reading.



Normal, full reading



+1.3 stops brighter than memorized standard

Additional Features

Reflected light metering: Included Lumigrid or optional 1, 5, and 10-degree viewfinder spot attachments

Swivel head

9-reading memory plus averaging

Illuminated Data panel

Dust-proof and splash-proof (JIS Standard Water Resistance Class 4)

Cine frame rates from from 2 to 360 fps





Sekonic L-758DR DigitalMaster

PROGRAMMABLE FOR EXPOSURE PERFECTION

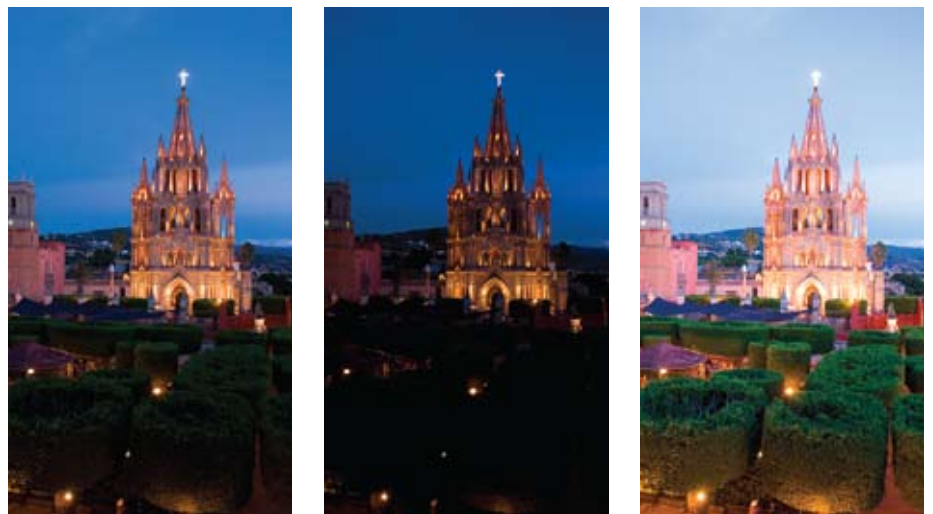
Reflected Light Spot Metering

The Sekonic L-758DR incorporates a precise 1-degree, reflected light spot meter.

Reflected light metering tells you about the subject. Different from incident light metering that produces readings only for the middle of your camera's exposure range, reflected light metering can also show you where the edges are. The key to working with the L-758DR's spot meter is knowing the dynamic range of your camera. That is, the tonal range your camera is capable of recording. Program this into the L-758DR and you can easily know which details will be properly imaged and which will be over or under the range of your camera. Armed with this knowledge, you can make exposure decisions that take full advantage of your camera's imaging capabilities to produce pictures with greater tonality and clarity than you have ever known before.

Digital Photography: Boundless Possibilities

Today's High Dynamic Range (HDR) processing enables breaking through the limits to produce results never seen before. Knowing your camera's capabilities and precise exposure readings with the L-758DR will help you make right exposure settings and save you time in processing. The picture of this Mexican plaza and church was created shooting multiple images and "merging" them in HDR processing.



Three metered exposures were made: Standard exposure, biased for highlights, and biased for shadows. These images were "merged" to produce the HDR image on the left.

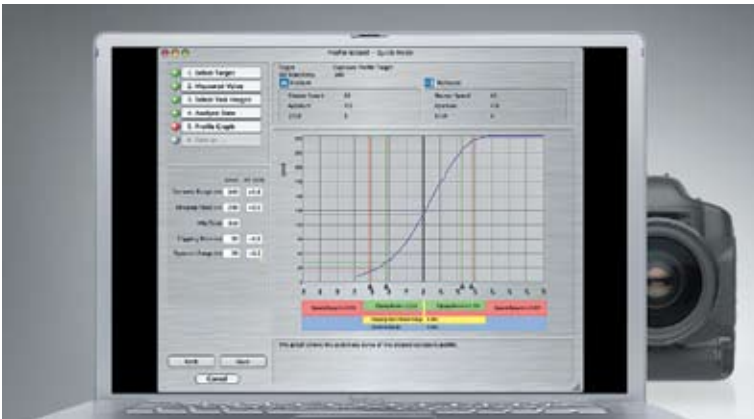
©Jim Zuckerman

Do you know the dynamic range of your camera?



Determining the Dynamic Range of your camera.

Shoot with the equipment you use most. Make tests under daylight and studio lighting. Exposure Profile Target requires an 11-shot bracket (0, +/- 5EV). Exposure Profile Target II requires a 3-shot bracket (-3EV, 0,+3EV). Make a spot reading of 18% reflectance tone and incident reading in front of target and record data. Shoot the bracketed shots based on incident light measurement.



Entering Data

Download test images into computer. If shot in RAW, convert to TIFF for computation. Enter ISO, incident, and reflected light shooting data. Then select images and press OK to watch the Sekonic Data Transfer Software program graph the dynamic range of your DSLR camera. Save the data for transfer to the L-758DR.



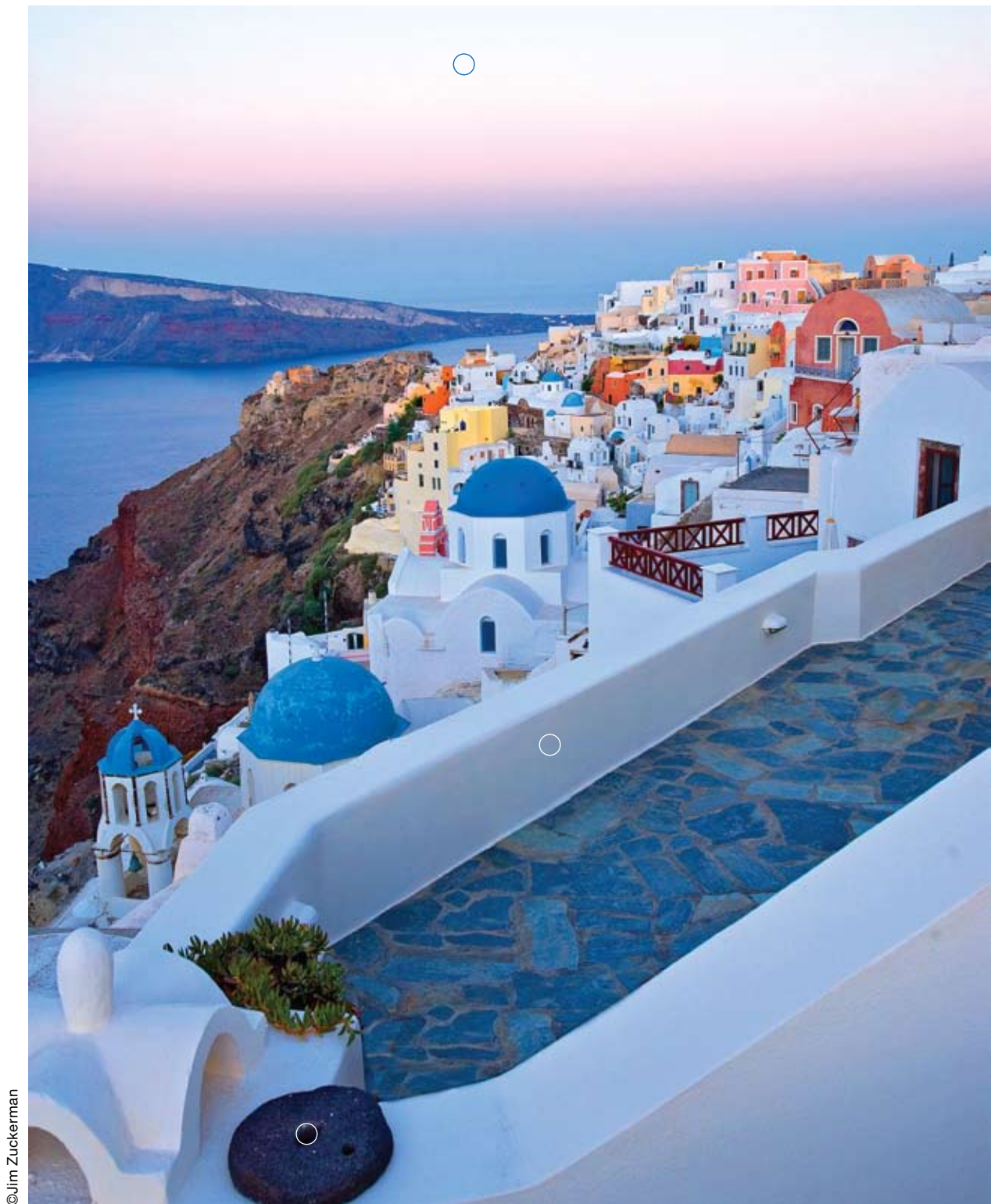
Programming Meter

Switch OFF L-758DR. Connect it to the computer with USB cable and switch L-758DR ON. Select up to three camera profiles. Press transfer. Switch OFF L-758DR, disconnect, and switch ON to begin using.

Full information Spot Viewfinder

The 1-degree spot meter has a broad reading range from EV 1 to EV 24.4 for ambient light and measures flash down to an amazing f/2.0. Its large, bright viewfinder with diopter correction and full-information data display give you everything you need to make the right exposure decisions without having to take your eye from the eyepiece.

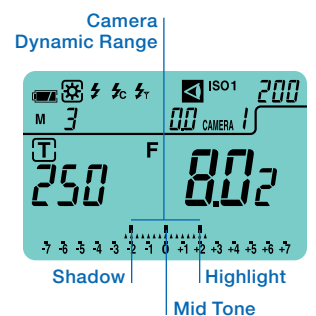




©Jim Zuckerman

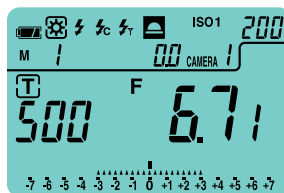
Memory Mode and Latitude Display

Up to nine readings can be memorized and displayed on the meter's analog display. Once programmed, the L-758DR's latitude display mirrors the dynamic range of your camera, and is your guide to making exposure decisions that will get you the pictures you want.

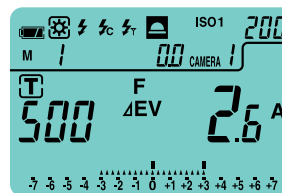


Contrast Function

Use the L-758DR's contrast function to simplify measuring the brightness range of a scene. Spot meter a mid tone or take an incident-light reading and press the AVE/ Δ EV button to create a mid tone standard. Then press the measuring button to display the brightness difference between the standard and new reading. Knowing the dynamic range of your DSLR is vital to making the best use of this important feature.



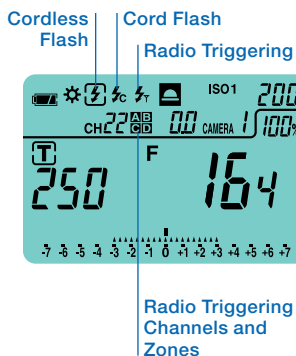
Memorized Mid Tone value



Highlight is +2.6 brighter

Ambient Light Metering

Take shutter-priority or aperture-priority readings from 30 minutes up to $\frac{1}{8000}$ second and f/0.5 to f/128 and display them in full, $\frac{1}{2}$ or $\frac{1}{3}$ stop increments. Exposure is displayed both digitally and on an analog scale for easy readout. Settings can be changed after reading with automatic compensation to maintain the proper exposure. The extended sensitivity range, EV -2 to 22.9 (Inc) and EV 1 to 24.4 (Ref) for ISO 100, enables taking measurements over a wide range of lighting conditions.



Flash Light Metering

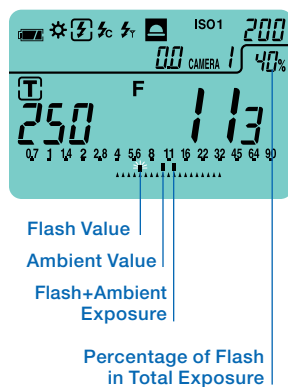
Shutter-priority readings of flash light can be made with a synch cord or cordlessly at shutter speeds from 30 minutes to $\frac{1}{1000}$. The L-758DR automatically resets after each reading in cordless mode, to enable fast adjustment of flash brightness.

Built-in Radio Flash Triggering

Simply press the measuring button to wirelessly trigger flash units up to 100 feet away. The built-in transmitter offers 32 digital coded channels and Quad-Triggering Zones and is compatible with PocketWizard radio triggering systems, as well as the PocketWizard Wireless Freedom partners.

Analyzing Function

The L-758DR is especially useful for on-location shooting to lighten shadows or reduce background detail. That's because it measures ambient and flash simultaneously and automatically indicates the percentage of flash in the total exposure. You can easily adjust the ambient flash mix by turning the Jog Wheel. The digital display indicates the camera settings and an analog display shows the relationship between ambient and flash and the total exposure.



20% Flash



50% Flash



80% Flash

©Ab Sesay

Sekonic L-758DR Functions

All controls are instantly available. Positive Jog Wheel operation and clearly marked buttons make for fast and easy handling.



Other Features



Incident Light Readings

Use it to establish mid tone measurements. Retractable Lumisphere makes adjusting illumination for lighting ratios or exposure of flat subjects.

Dual ISO

Enables instant adjustment or exposure readings for different ISO, filter factors, exposure factors, or exposure biasing.

Swivel Head

Turn to position incident dome properly while maintaining full view of the data display.

Illuminated Data Panel

Comes on at levels below EV 6.

All-Weather Design

Dust-proof and splash-proof (JIS Standard Water Resistance Class 4).

Custom Functions

14 custom settings enable setting the display for full, $\frac{1}{2}$ and $\frac{1}{3}$ stop readout, adjust Latitude display, control functions, select displayed exposure modes and more.





Sekonic Prodigy Color C-500/500R

COLOR CONTROL FOR DIGITAL AND FILM

Controlling the light in front of your camera is the first step in your color workflow.

As long as you are working with a single light source, you can count on the white balance function of your camera or computer to get the color you want. However, add a second light, a light modifier, or work on location with today's mix of tungsten, halide, vapor and fluorescent lights, and you will either have to fix it up front or fix it later, if you can. How do you arrive at a common, single color tone that is easy for your camera or software to correct? How do you introduce additional flash illumination in the foreground without making it look like, well, additional flash illumination? And knowing that the color accommodation of your eyes and brain make unaided color adjustment nearly impossible to judge by yourself, how do you know how much color filtration is enough and when you've over corrected? If color is important, a Sekonic C-500 Series color meter should be in your arsenal of photographic tools.

- Picture recorded at 2600°K to maintain visual warmth of tungsten lighting above cabinets. Other sources are filtered to produce the proper visual affect for this level.

Skylight: 7500°K (blue) filtered with ¾ CTO (orange) to maintain some visual blue.

Lights above cabinets: 2400°K, no filtration.

Rangehood: 3000°K, no filtration.

Windows outside of view to right: 5200°K filtered ½ CTO (orange) to match ambient room light.

Umbrella-strobe illumination of center island and chair backs: 5200° filtered ½ CTO (orange).

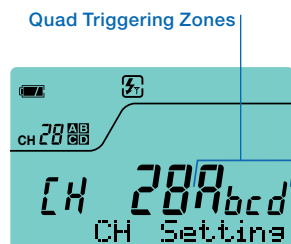
Warm White fluorescent lights below cabinets (green): wrapped with 15CC magenta gel.

Color creates mood and enhances the viewer's perception of reality. However, creating the image you need often means adding illumination to fill in shadows or improve contrast while maintaining the natural look of the scene. Careful measurement of ambient light and flash fill enabled adjusting the flash-light filtration to create a virtually imperceptible effect.



Overcast sky 7100° K
 Profoto B2 Standard head 5600°K
 Exposure (ambient-flash) adjusted to maintain detail in over hang
 Flash gelled with CTO to create warm afternoon sun and take advantage of warmth of wall (result is straight from camera with no additional processing)

©Robert Reck



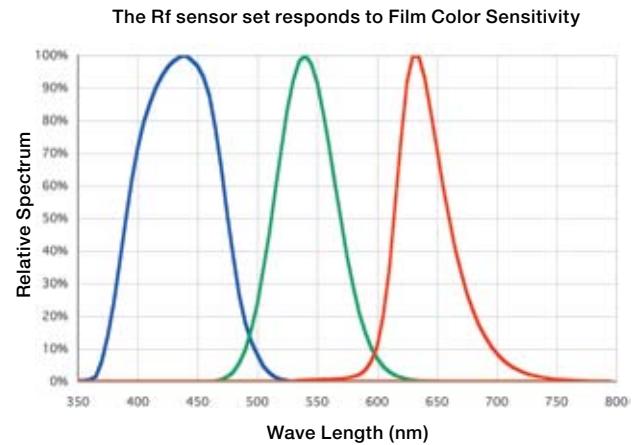
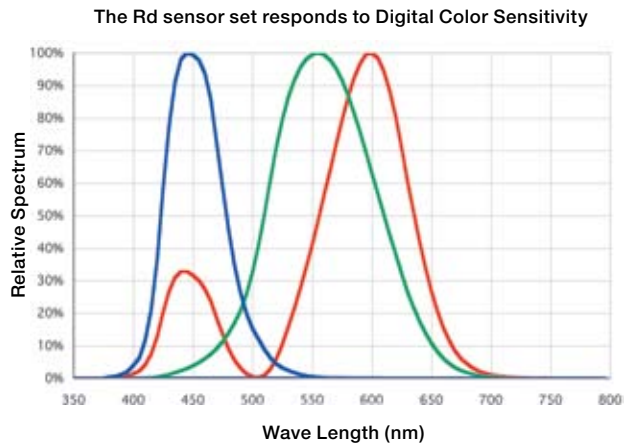
Wireless Radio Triggering Mode (C-500R model only)

The Prodi Color C-500R is the first color meter to incorporate a flash triggering radio transmitter module. Simply press the measuring button to wirelessly trigger flash units up to 100 feet away. The built-in transmitter is compatible with PocketWizard radio triggering systems, as well as the PocketWizard Wireless Freedom partners (Photogenic, Norman, Lumedyne, Dyna-Lite and Profoto with built-in PocketWizard radio technology). The Wireless Radio Triggering Mode offers 32 digital coded channels and Quad-Triggering Zones.

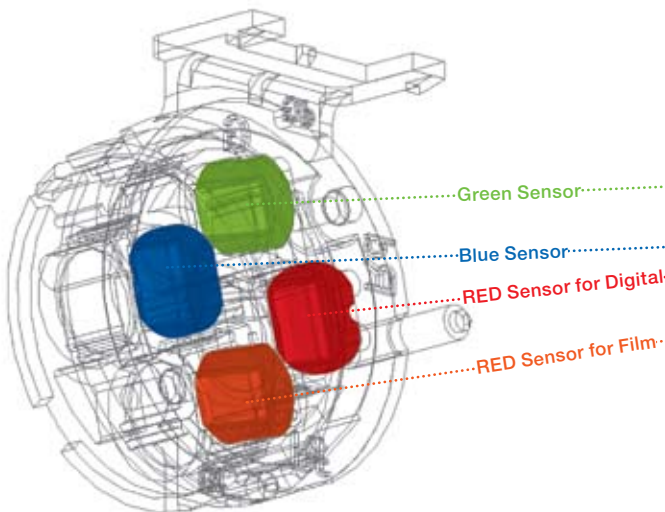


Digital and Film Compatible

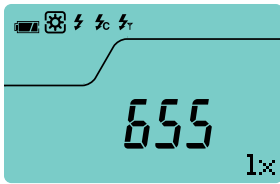
The PRODIGI COLOR C-500 and C-500R measure and display color temperature and compensation values in LB/CC index or filter numbers for both digital and film cameras. In Digital mode, the color temperature and compensation readings are based on human visual response. In Film mode, readings are based on the color characteristics of traditional photographic film. By engineering the spectral characteristics of both systems into a single meter, Sekonic designers have given you greater control over lighting and color reproduction than ever before, regardless of your medium.



Engineering a meter to accurately measure color for both human visual response (digital sensors) and the characteristics of photographic color film required more than just creating a new set of algorithms to process the data. Properly measuring red intensity was a major hurdle. Sekonic designers solved the problem by incorporating four color sensors: a Red sensor for visual/digital response (Rd); a Red sensor for photographic film response (Rf); a Green sensor (G); and a Blue sensor (B). They then developed a new “Simulated Spectrum” software solution (patent pending) that emulates the blue and green channel color response for both digital and film.

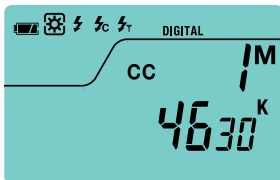


Brightness and Color Value Display



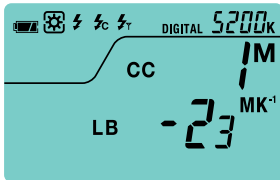
Illuminance Measurement

The brightness of continuous light sources is displayed in LUX (lx) or foot-candle (FC). Illuminance measurement is especially useful for cinematography, videography, theatrical and other applications that require precise control of light source brightness.



Color Temperature Display (in Kelvin)

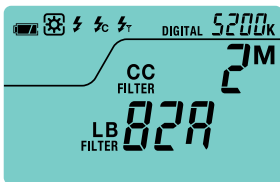
The color temperature is displayed for human visual response in Digital Mode or the spectral response for photographic color film in Film Mode.



LB/CC Index Display

The LB (Light Balancing) in MK⁻¹ (Per Mega Kelvin equivalent to Mired) and CC (Color Compensation) Index correspond to light source filtration systems. This simplifies the selection of amber (CTO) or blue (CTB) filtration as well as the amount of magenta or green (CC) filtration needed to balance the color of the lights you are using.

Also, the correction values can be directly entered into the color adjustment mode of some professional DSLR cameras.



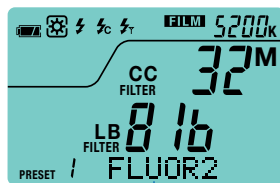
LB/CC Filter Number Display

Used primarily for film applications, amount of lens filtration needed is directly indicated in both LB (Light Balancing) and CC (Color Compensation) filter values. The display can be adjusted to read out in KODAK Wratten, LEE or FUJIFILM filter systems in the custom setting MENU.

Other Functions

Flash Color Measurement

Simultaneous color measurement of flash and ambient light is available in non-cord, cord and wireless modes at synch speeds from 1 to 1/500 second. Flash brightness is read in two intensity ranges, **H** (high) for high-power studio flashes or **L** (low) lower power or shoe-mount flash units.



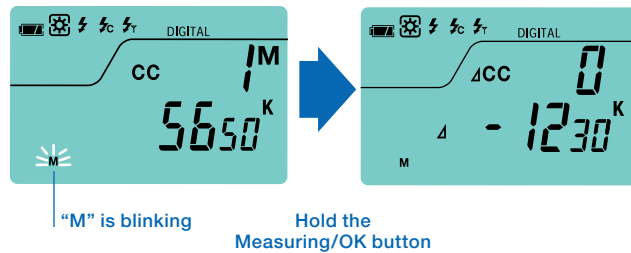
Preset White Balance / Color Compensation Function

Nineteen presets enable adjusting display values to compensate for differences in film types, light sources, digital sensors, or personal preference. An eight-character readout on the display allows creating custom naming for easy identification of the compensation value.

Custom Name

Memory (Δ) Function

A simple way to observe differences in light-source brightness or color is with the C-500 Series memory function. Simply take a reference reading and press the memory (Δ) button. Then press the measuring button and measure any other light source to see the difference in brightness (foot-candle or Lux) or color (Kelvin or filtration).



Power Source

Uses convenient AA alkaline, lithium, or rechargeable batteries.

Custom Settings

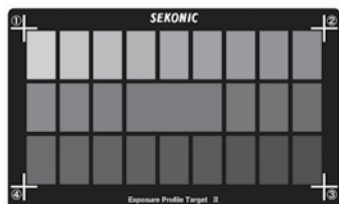
- 1 Shutter speed steps (Full, $\frac{1}{3}$ step or $\frac{1}{2}$ step)
- 2 Target color temperature increments (100K, or 10MK⁻¹ Step)
- 3 LB index display step (1MK⁻¹, 1daMK⁻¹ step, w/o decimal point, 1daMK⁻¹ step with decimal point)
- 4 LB filter number display (Kodak/LEE or Fujifilm)
- 5 Automatic power off setting (20, 10, 5 minutes, or no setting)
- 6 Illuminance measurement mode (No display, both lx & FC, either lx or FC)

Color Control Command Center

Easy, one-touch display. The world's most comprehensive array of color/illumination information. The PRODIGI COLOR C-500 and C-500R put you in command of any color control situation.



Optional Accessories



Exposure Profile Target II

This 25-patch test target gathers even more information about a camera's exposure characteristics. It consists of two sides: An 18% Gray Card to establish color balance before profiling and Profile Target made up of central 18% gray patch and 24 surrounding patches arranged in 1/6th stop values. It offers faster, more accurate testing because it requires only three shots: One at L-758's metered exposure; one at -3EV and one at +3EV. It is fully compatible with the new Sekonic Data Transfer Software version. 2.0.

Exposure Profile Target

The more basic of the targets, it consists of 7 patches arranged in 1/6th stop decreasing reflectance. The patch set is surrounded by an 18% reflectance gray field with white and black bars above and below respectively. Profiling is done by taking eleven (11) exposures which include a standard exposure metered from the 18% tone and 5 shots in successive 1EV steps above and below the metered exposure. It is fully compatible with the new Sekonic Data Transfer Software version. 2.0.



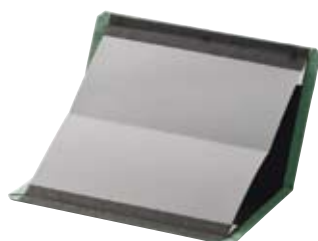
Step Up Ring /Lens Hood for L-758DR

For attaching filters to the front of the Spot meter lens (up to 40.5mm filter). Also acts to prevent 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.



Gray Card

Convenient, pocket-size gray card target.



Dual Synch Cord

Allows flash measurement and triggering without reconnection to camera.

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 of the L-358 (and L-758CINE). It wirelessly triggers PocketWizard Receivers and Transceivers as well as studio flashes equipped PocketWizard technology up to 100 feet away as the meter takes a measurement. Channel ID's are easily selected through the meter's controls and LCD readout. (CH 1-16 Single Remote Triggering, CH 17-32 Remote control "Quad Triggering"), compatible with PocketWizard Digital Radio triggering systems.



PocketWizard Plus II Transceiver

4-Channel auto-switching Digital Radio Transceiver 1600 ft range. Ultra-fast processing for flash sync of $\frac{1}{250}$ th for focal plane, $\frac{1}{500}$ th for leaf shutters and shooting at up to 12 frames-per-second. Relay mode enables meter or third PocketWizard to trigger camera-flash studio setup. Local/Remote control enables switching between camera mounted and remote triggers. Features extended battery life, shoe mount and $\frac{1}{4}$ "-20" mounting thread. Compatible with the first four channels of all PocketWizards. (Requires camera or flash connecting cables. Includes two "AA" Alkaline batteries.)



PocketWizard MultiMAX Transceiver

32-Channel Digital Radio Transceiver, with a 1600 ft+ range. Advanced features include: integrated "Trigger Time Control" software, "Selective Quad Triggering" for up to four zones of remote control lighting, and "Radio Trigger Confirmation" on all four Quad-Triggering Zones. 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 $\frac{1}{4}$ "-20 female mounting thread. Other features include $\frac{1}{1000}$ sec. flash sync (in fast mode), contact closure adjustment, trigger counter, relay mode and optional flash confirmation sensor.

Sekonic L-758DR, L-358 Specifications

Sekonic meter			Digital Master L-758DR	Flash Master L-358	
Type			Hand-held exposure meter for measuring for ambient and flash light	Hand-held exposure meter for measuring for ambient and flash light	
Light receptor element			2-Silicon photo diodes (incident and reflected)	Silicon photo diode	
Light Receiving Method	Incident light	Rotating I Head	90° to the right, 180° to the left	90° to the right, 180° to the left	
		Lumisphere	Retractable for contrast reading	Retractable for contrast reading	
	Reflected Light	Light receiving angle	1 degree (built-in)	54 degrees (Lumagrid) standard accessory	
		Viewfinder	Built-in with diopter correction	1, 5, 10 degrees (Optional NP finders)	
Switching between Incident / reflected readings			Rotate collar around spot meter eyepiece	Remove lumisphere Install reflected light attachment	
Measuring Modes	Ambient	Ambient	Aperture priority, Shutter Priority, EV	Aperture priority, Shutter Priority, EV	
	Flash	Flash	Cordless w/ auto reset, Cord	Cordless w/ auto reset, Cord	
		Multiple flash mode	Unlimited accumulated flash bursts	Unlimited accumulated flash bursts	
		Flash Analysis	0 to 100% in 10% steps	0 to 100% in 10% steps	
		Radio Triggering	32 channels, 4 zones, 100 ft range (Standard module)	32 channels, 4 zones, 100 ft range (Optional module)	
Measuring Range (ISO 100)	Incident light	Ambient	EV -2 to EV 22.9	EV -2 to EV 22.9	
		Flash	F0.5 to F161.2	F1.0 to F90.9	
	Reflected Light (built-in)	Ambient	EV 1 to EV 24.4	----	
		Flash	F2.0 to F161.2	----	
	Reflected light (with Lumigrid)	Ambient	----	EV -2 to EV 22.9	
		Flash	----	F1.0 to F90.9	
	NP Finder (1°) (Optional)	Ambient	----	EV 5 to EV 24.4	
		Flash	----	F8.0 to F90.9	
	NP Finder (5°) (Optional)	Ambient	----	EV 3 to EV 24.4	
		Flash	----	F4.0 to F90.9	
	NP Finder (10°) (Optional)	Ambient	----	EV 2 to EV 24.4	
		Flash	----	F2.8 to F90.9	
	Display Ranges	ISO	ISO 1 / ISO 2	ISO 3 to 8000 in 1/3 steps	ISO 3 to 8000 in 1/3 steps
		Ambient Light	Aperture (Digital)	F0.5 to F161 in 1, 1/2 or 1/3 stops	F1.0 to F90 in 1, 1/2 or 1/3 stops
Aperture (Analog)			F0.7 to F90 in 1/3 stops	F1.0 to F90 in 1/2 stops	
Shutter Speed (Digital)			30 min. to 1/8000 sec. in 1, 1/2 or 1/3 stops plus 1/200, 1/400	30 min. to 1/8000 sec. in 1, 1/2 or 1/3 stops plus 1/200, 1/400	
Shutter Speed (Analog)			4 sec. to 1/4000 sec. in 1/2 stops	2 sec. to 1/4000 sec. in 1/2 stops	
Cine Speeds			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	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	
EV Digital			EV -9.9 to 46.6 1/10 stops	EV -9.9 to 40.6 1/10 stops	
Analog Scale			7EV to +7EV	----	
Flash Light		Aperture	F0.5 to F161 in 1, 1/2 or 1/3 stops	F1.0 to F90 in 1, 1/2 or 1/3 stops	
		Shutter Speed	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	
		Flash Analysis	0 to 100% in 10% steps	0 to 100% in 10% steps	
Repeatability		+/-0.1 EV			
Calibration Constant		Incident Light	Lumisphere C=340 Lumidisc C=250		
		Reflected Light	K=12.5		
Operating temperature range			-10 to 50°C (14°F to 122°F)		
Storage temperature range			-20 to 60°C (-4° F to 140°F)		
Power			1 xCR123A battery (lithium dry cell)		
Dimensions			3.5 × 6.7 × 1.9 in (90 w × 170 h × 48 d mm)		
Weight			9.45 oz (268 g) with battery		
Standard accessories			Soft case, Strap, Lens cap, USB cable, CR-123A lithium battery, Quick guide, Sticker for Multi-key Operation and CS, Software in CD-ROM, Operating Manual		
Optional Accessories			Exposure Profile Target, Exposure Profile Target II, RT 32 Radio Transmitter, Spot Viewfinder 1°, Spot Viewfinder 5°, Spot Viewfinder 10°		
Main functions			Exposure Profiling, EV scale, 14 custom functions, Latitude warning, USB port, Flash/ambient analyzing function, Full, 1/2, 1/3 step selectable readings, Nine reading memory, Average function, Contrast function, Flash, Cumulative mode, Shutter speed priority mode, Aperture priority mode, EV (Exposure Value) mode, All weather design, Automatic backlight, Independent exposure compensations, for incident and reflected light, Setting two ISO sensitivity, Auto power off, Battery power Indicator, Jog wheel Lock, Diopter adjustment, Tripod socket		
			Flash/ambient analyzing function, Full, 1/2, 1/3 step selectable readings of aperture value and shutter speed, Nine reading memory, Average function Contrast function, Cumulative mode Shutter speed priority mode, Aperture priority mode, EV (Exposure Value) mode, All weather design, Auto backlight, Setting two ISO sensitivity Auto power off, Battery power indicator, Cine speeds, Jog wheel Lock, Optional spot viewfinder		

Sekonic C-500, C-500R Specifications

Type			Three-color photographic color meter with four sensors to determine visual (digital) or photographic (film) color temperature of light sources and filtration required
Receptor Head			Rotating (90° to the right/180° to left) receptor head containing four filtered photo diodes under flat incident light receptor
Measurement type	Digital mode		Visual Color Temperature (based on color matching function)
	Film mode		Photographic color temperature (based on film spectral characteristic)
Measuring modes	Ambient		Yes
	Flash	Cordless/Cord	Yes
		Radio triggering	Yes (C-500R only)
Measuring ranges	Color Temperature		2,300K to 20,000K
	(At ISO 100 equivalent)	Ambient light	EV 3 to 16.3 (20lx to 200,000lx)
		Flash light	Range Low F No.2.8 to 22 (20lx/s to 1,300lx/s) Range High F No.16 to 90.9 (640lx/s to 38,000lx/s)
	Illuminance	Ambient light	2.5lx to 610,000lx 0.23FC to 56,500FC
Display modes	Digital	Ambient/Flash light	*Visual Color temperature + CC index *LB filter number + CC filter number (Fuji's LBA/LBB, Kodak Wratten/LEE filter number) *LB index + CC index
	Film	Ambient/Flash light	*Photographic Color temperature *LB filter number + CC filter number (Fuji's LBA/LBB, Kodak Wratten/LEE filter number) *LB index + CC filter number
	Illuminance	Ambient light only	*Lux(lx) *Foot-candle(ft-cd)
Display ranges	Measured color temperature		2,300K to 20,000K
	Selected color temperature		2,500K to 10,000K
	LB index		-500 to +500 (in MK ⁻¹)
	LB filter number	Fuji's LBA/LBB	LBB20 to LBA20
		Kodak Wratten/Lee	80A+80D to 85B+81EF
	CC index		80G to 80M
	CC filter number		200G to 200M
	Illuminance		2.5lx to 610,000lx, 0.23FC to 56,500FC
	Synch speed	Flash light	1s to 1/500s (in 1, 1/2 or 1/3 steps) plus 1/75, 1/80, 1/90, 1/100, 1/200, 1/400
	Preset no.	Digital mode	19
		Film mode	19
	Dot matrix display		8 user-adjustable characters
	Radio triggering	Channel	CH1 to 32 (C-500R only)
		Quad-triggering zone	A, B, C, or D (C-500R only)
Operating temperature range			-10 to 50°C (14°F to 122°F)
Storage temperature range			-20 to 60°C (-4° F to 140°F)
Power			Two AA 1.5V batteries (Alkaline, Manganese, Lithium, Nickel, NiCd and NiH)
Dimensions			2.4 × 6.2 × 1.1in (62 w × 158.6 h × 28 d mm)
Weight			C500: 8.1 oz (230g) with batteries, C-500R: 8.1 oz (230g) with batteries
Standard accessories			Soft case, Strap , Synchro terminal cap, Operating manual, Quick Guide, 2 AA dry cell alkaline batteries
Main functions			Color temperature measurement, illuminance measurement, Custom settings, Preset White Balance/Color Compensation, Color/illumination contrast comparison, Battery power indicator, Auto power off, Automatic EL backlight, Jog wheel lock, Tripod socket, Wireless radio triggering (C-500R)

SEKONIC®

Sekonic.com • 914 347 3300
Distributed by MAC Group