SEKONIC

SPEEDMASTER L-858D
NEW WIRELESS COMPATIBILITY

NEW

broncolor

Godox

elinchrom®

Ph⊙ttix

PocketWizard®
MAKE IT POSSIBLE™

SEKONIC

125   ISO 100

CH 1 GroupALL ID:OFF   50%
F
5.6₄

1 1.4 2 2.8 4 5.6 8 11 16 22 32 45 64 90

AVE / ⊿EV

MENU

SPEEDMASTER
L-858D

More wireless freedom in the palm of your hand.
Trigger, Measure, Control, Flash... **Wirelessly**

SPEEDMASTER
L-858D

MORE WIRELESS FREEDOM IN THE PALM OF YOUR HAND.
Trigger, Measure, Control, Flash...
Wirelessly

More choices for Wireless Triggering Freedom

Over 20 years ago, Sekonic created a totally new way to free photographers from wires in the studio and on-location. With a radio module plugged into a Sekonic meter, photographers can trigger any electronic strobe connected to a PocketWizard radio and measure the light simultaneously in addition to power control. Adding to the flexibility of Sekonic's wireless family, Elinchrom & Phottix modules offer photographers full EL-Skyport triggering and power-control capabilities, while Phottix users have Strato II and Ares II triggering capabilities. Expanding the Sekonic wireless compatibility, Godox and broncolor now join the family of wireless triggering with full power control. Simple choose the wireless brand transmitter module you want and plug it into the L-858D and you're ready.
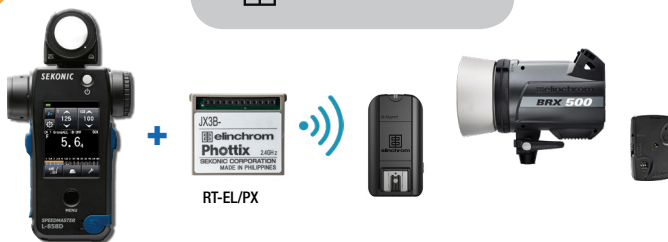
Install the transmitter in the battery compartment on the back of the meter.

broncolor **NEW**

RT-BR

PocketWizard®

RT-20PW / RT-3PW

Godox **NEW**

RT-GX

elinchrom

RT-EL/PX

Phottix

RT-EL/PX

	RT-20PW	RT-3PW	RT-EL/PX		RT-BR	RT-GX
Radio System	PocketWizard®	PocketWizard®	elinchrom (EL-Skyport)	Phottix	broncolor RFS2/2.1/2.2	Godox
Frequency & Channels/ Studios	FCC&IC: 340-354MHz 20 Channels (ControlTL), 32 Channels (Standard)	CE:433.42-434.42MHz 3 Channels (ControlTL), 32 Channels (Standard)	2.4GHz 20 Channels	2.4GHz (Strato II protocol) 4 Channels	2.4GHz 40 Studios	2.4GHz 32 Studios
Zones/Groups/ Lamps	3 Zones (A to C) (ControlTL) 4 Zones (A to D) (Standard)	3 Zones (A to C) (ControlTL) 4 Zones (A to D) (Standard)	4 Groups (G1 to G4) plus ALL	4 Groups (A to D) for Phottix Strato II protocol	99 Lamps (1 to 99) plus ALL	16 Groups (A to F, 0 to 9) plus ALL with Wireless ID (1 to 99 or OFF)
Flash Power Control	Yes	Yes	Yes	No (triggering only)	Yes	Yes
Modeling Lamp Control	Yes (ON/OFF only)	Yes (ON/OFF only)	Yes (Power control)	No	Yes (ON/OFF only)	Yes (Power control)

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.com

THE WORLD'S FIRST MULTI-FUNCTION LIGHT METER WITH FLASH DURATION & MULTI-BRAND WIRELESS TRIGGERING

The Sekonic SpeedMaster L-858D combines nearly 70 years of Sekonic innovation with cutting-edge, flash-measurement technology to meet the needs of today's photographers as well as motion image makers. Incorporating flash duration measurement, the first time in a multi-function light meter, the L-858D provides the critical flash data needed to calculate proper ambient-flash exposure. As its name implies, the SpeedMaster L-858D also measures the brief flash bursts of HSS (High Speed Sync) for precision flash exposure control.

The L-858D includes the essence of the popular L-478D series features and functions that enables photographers to break through the boundaries of ISO sensitivity, flash and ambient shutter speeds, as well as frame rates (f/s) and shutter angles for cinematographers. Increased sensitivity for both incident and reflected-spot sensors in ambient light allows extreme low light level measurements. In addition, the L-858D offers an optional wireless triggering modules now available for Broncolor and Godox in addition to Elinchrom, Phottix and PocketWizard brand radio triggering devices. With its 2.7" color touch screen and truly innovative advanced and sophisticated features, the L-858D breaks away towards the next generation of light measurement control.

## Ultimate Multi-Function Light Meter

PHOTO MODE:

How do you know what the real flash exposure is when you're trying to overpower the sun with your flash set to HSS (High Speed Sync), what's the best flash duration speed to stop that bullet in mid-air, how do you know how much highlight or shadow details you are really getting in your digital exposures? Stop wondering. With the world's first multi-function flash duration light meter you'll have all your answers before you ever release the shutter.

✓ 1 Degree Spot Viewfinder with illuminated display

✓ Flash Duration Analysis

✓ HSS Flash Measurement

✓ Wireless Triggering (Optional)

✓ All Weather Design

HD_CINE/CINE MODE:

For many shooters today, one camera has to do it all. That's why the L-858D offers extensive Cine mode features all in one super tool light meter. From its full information Spot Viewfinder to its Illuminance / Luminance measuring modes, it's no surprise that the L-858D is the new standard and still & cine shooters' go to meter. With its extensive frame rates (1 to 1000f/s) and shutter angle settings (1 to 358 degree shutter angle), it provides the cinematographer and videographer the ultimate control in creative and special effects lighting.

✓ Extended Range of Frame Rates (1 to 1000f/s)

✓ Filter Factor Compensation

✓ Extended Shutter Angle(1 to 358 degree)

✓ Illuminance/Luminance (FC, LUX, FL, cd/m2,)
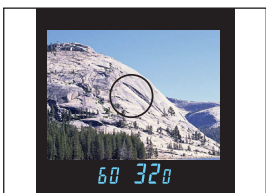
The rectangular 1° Optical Spot viewfinder displays f-stop, shutter speed, percentage of flash and much more with an EL digital display.

Programmable to match the exposure characteristics of your DSLR or Cine camera. Match the response of film or digital exposure characteristics, dynamic range, reflected, incident, flash or ambient light throughout the ISO range of your camera, using data transfer software.

Optional wireless triggering modules now available for Broncolor and Godox in addition to Elinchrom, Phottix and PocketWizard brand radio triggering devices.

The L-858D offers frame rate, shutter angle, illuminance (lx, cd/m2) and luminance (fc, fl).

All Weather Design. All buttons, switches and compartments are sealed and the housing has been design to endure rugged outdoor conditions.

Flash Duration Measurements

Measuring the flash duration or "burn time" of a flash exposure has always been a critical part of any fast moving subject such as sports, fashion, wildlife and special effect flash photographs. Unfortunately, flash duration meters have always expensive and complicated additional pieces of gear to carry, until now. The SpeedMaster puts all that in the past with selectable flash duration measures from t=0.1 to 0.9. Setting flashes to yield the fastest or in the case of HyperSync® exposure the slowest duration can be made in a quick, precise and easy process.
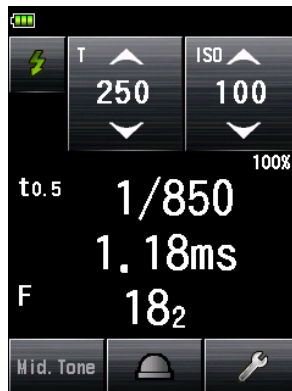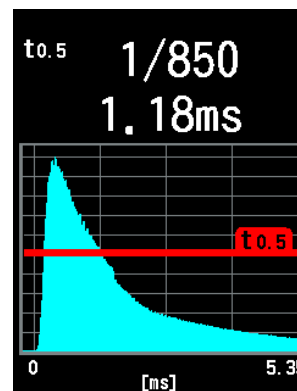
Flash duration: 1/250s

Flash duration: 1/17,800s

Flash Duration Analysis Measuring Screen

Flash Duration Analysis Graph Screen

HSS Measurements

High Speed Synch exposures have always been limited in their applications, especially when it comes to the accurate flash exposures. It was impossible for the traditional meter to measure the rapid burst of flash output for HSS.
The L-858D HSS measurement capability is a game changer for HSS shooters, especially when the shot involved multiple HSS flash units.
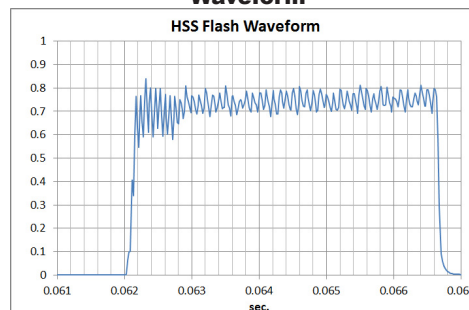
Normal Synch Flash

HSS Flash

Typical HSS Flash Waveform

Five Wireless Triggering/Power Control System Available

The L-858D has an optional wireless plug-in radio module that offers a wireless solution for triggering and/or flash power control. The L-858D offers many of the features available to wireless shooters including selective zone/group triggering, multi-channel selection and even camera triggering. There are five different wireless modules compatible with each radio brand system:

Individual Transmitters Available

	RT-20PW	RT-3PW	RT-EL/PX		RT-BR	RT-GX
Radio System	PocketWizard	PocketWizard	elinchrom (EL-Skyport)	Phottix	broncolor RFS2.1	Godox
Radio Frequency & Channels/ Studios	FCC&IC: 340-354MHz 20 Channels (ControlTL), 32 Channels (Standard)	CE:433.42-434.42MHz 3 Channels (ControlTL), 32 Channels (Standard)	2.4GHz 20 Channels	2.4GHz (Strato II protocol) 4 Channels	2.4GHz 99 Studios	2.4GHz 32 Studios
Zones/Groups	3 Zones (A to C) (ControlTL) 4 Zones (A to D) (Standard)	3 Zones (A to C) (ControlTL) 4 Zones (A to D) (Standard)	4 Groups (G1 to G4) plus ALL	4 Groups (A to D) for Phottix Strato II protocol	40 Lamps (1 to 40) plus ALL	16 Groups (A to F, 0 to 9) plus ALL with Wireless ID (1 to 99 or OFF)
Flash Power Control	Yes	Yes	Yes	No (triggering only)	Yes	Yes
Modeling Lamp Control	Yes (ON/OFF only)	Yes (ON/OFF only)	Yes (Power control)	No	Yes (ON/OFF only)	Yes (Power control)

Wireless flash power control is in a palm of your hand.
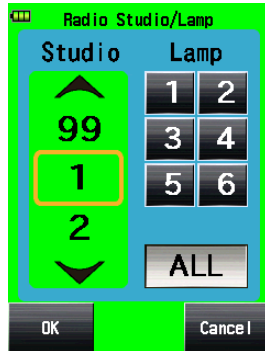**Now you can simultaneously trigger and measure your electronic flash units wirelessly.**

Broncolor

RT-BR transmitter is compatible with Broncolor RFS2.2/2.1/2 systems.
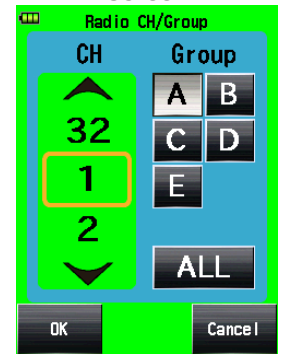
Power Control Screen

Radio Studio/Lamp Setting Screen

Godox

RT-GX transmitter is compatible with all Godox radio system.

Flash Control Screen

Radio CH/Group Setting Screen

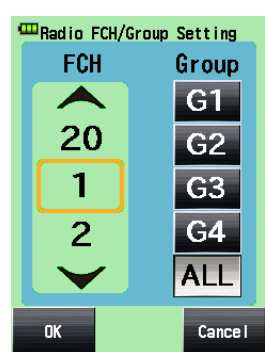## Elinchrom

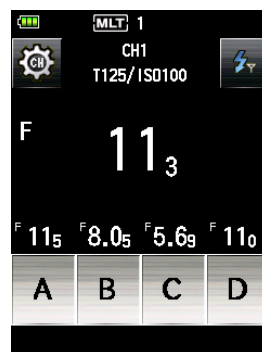RT-EL/PX transmitter is compatible with EL-skyport radio system.

Flash Power Control Screen

Radio CH/Group Setting Screen

Phottix

RT-EL/PX transmitter is compatible with Phottix Strato II protocol.
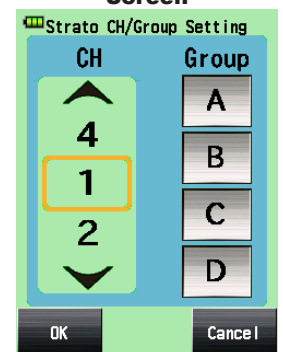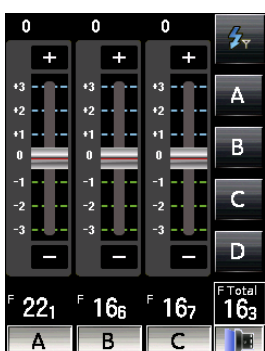
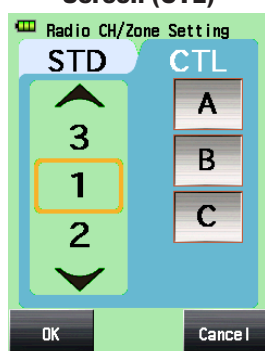**Flash Control Screen**

Radio CH/Group Setting Screen

PocketWizard

RT-20PW (FCC/IC) and RT-3PW (CE) transmitters are compatible with ControlTL and Standard system of PocketWizard.

Power Control Screen

Radio CH/Zone Setting Screen (CTL)


elinchrom®

broncolor®

Godox

Phottix

PocketWizard®

SEKONIC
SPEEDMASTER
L-858D

SPEEDMASTER
L-858D

The Only light meters that show you the Dynamic Range of your D-SLR. 1 Degree Spot with Digital Display:

The rectangular 1° spot viewfinder displays f-stops, shutter speed, percentage of flash and much more with an EL (Electronic-Luminescent) digital display. It incorporates a parallax-free spot finder preventing erroneous close-up photography light measurements. It can instantly be switched from incident to spot measurement mode. With its super sensitive sensor, the L-858D can measure the reflected flash output down to an amazing f/1.0 and ambient measurements as low as EV-1. In addition, it also included an adjustable diopter eyepiece.
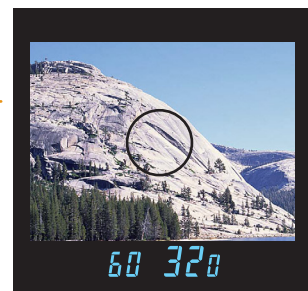
Exposure Profiling:

Because every digital camera, lens, and software is unique in its capability to capture and process light, each can produce differences in the tonal range (dynamic range) and exposure of an image. Knowing the limits of your camera's capabilities enables making better exposures with less post-processing, and ensures you'll get what you see. Sekonic's pioneering Data Transfer Software allows quick dynamic range mapping and camera/meter calibration for the most precise control of light. Create and store up to ten camera exposure profiles with Sekonic, X-Rite or datacolor brand calibration targets.

Flash Analyzing Functions:

In normal flash modes, the L-858D simultaneously reads both flash and ambient light automatically in order to analyze and display the exposure data in 3 convenient ways:

- ✓ **Combined readings (aperture) of flash and ambient light**
- ✓ **Percentage of flash in the total exposure**
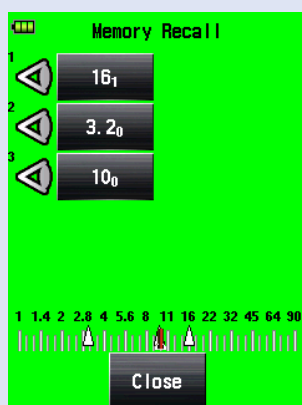- ✓ **Simultaneous display of flash, ambient and combined readings on the analog scale.**

Flash 80%   **Flash 60%**   **Flash 20%**

Memorize Up To Nine Readings and Mid-Tone Adjustment

The L-858D can memorize measured values in both incident and reflected modes independently or combined. When the memorized values are combined it is possible to take a mid-tone measurement using the Lumisphere in incident mode, then take a spot highlight, and shadow measurement by simply switching to reflected measuring mode. Highlight and shadow tones can be measured and quickly viewed to determine if there are within the Dynamic range or Clipping points of the digital camera or type of film being used. In addition, the Mid.Tone value can be shifted to adjust the highlight or shadow to be within the range required.

Enhanced HD Cine / Cine Features

Today's digital cameras offer both still and motion capture. Offering shooters seamless cross platform media capabilities, these cameras provide a variety of uses in a single production. To complement sophisticated cameras, the L-858D has two motion capture modes in addition to still capture to accommodate any shoot. Touch to set shutter speeds and frame rates for HD-Cine cameras or quickly select frame rates and shutter angles for Cine cameras. Creating unique frame rates and shutter angles for special effects is just a finger tip touch away.

Frame Rate

Shutter Speed

Shutter Angle

Frame Rate

HD CINE Mode   **CINE Mode**

Select Frame Rate to Edit

Measuring Screen (CINE Mode)

Select Shutter Angle to Edit
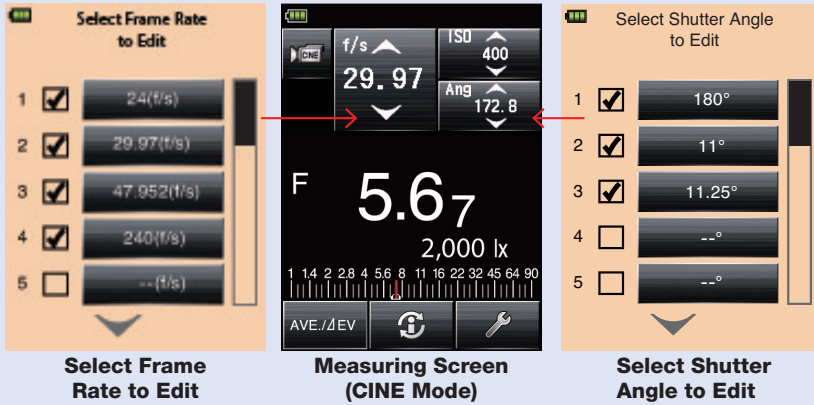
Infinite Frame Rate/ Shutter Angle

Special effects and light sources can push standard camera settings to their limits. That's why the L-858D also allows creating unique frame rates and shutter angles up to 20 user-costumized values to enable precise exposure and lighting, producing the very best images and reducing time in post-production.
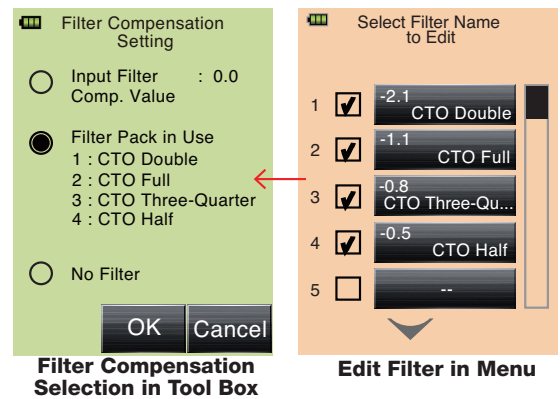
Unique Filtration Compensation Mode

Like all light and exposure meters, the L-858D is calibrated for visual light. Because meters can't measure filtered light by design, Sekonic designers added a unique Filter mode that enables getting exact light levels with touch screen ease. Touch the L-858D to instantly call up light-source or camera filtration expressed in industry standard terms. For special filters or applications, create a unique filter factor and give it a name. Up to four filters can be used together as a pack to assure full control in virtually any situation.

Filter Compensation Selection in Tool Box

Edit Filter in Menu

Brightness along with exposure

Brightness alone (Lux mode)

Illuminance or Luminance Measurement

Brightness measurements in Lux or FC (Foot Candles) and Cd/m2 or FL (Foot Lambert) position the L-858D as a major player on movie sets around the world. It can display brightness along with exposure measurements or just brightness alone.
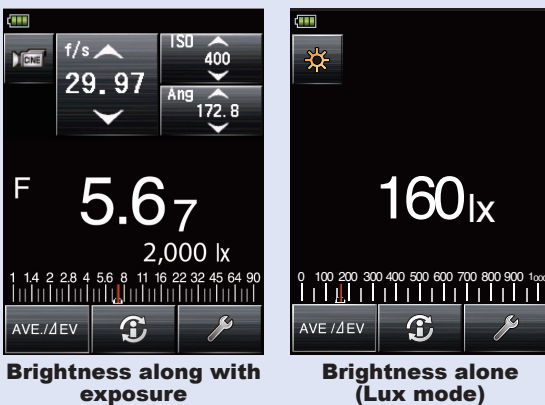
Contrast Function

The L-858D continuous measurement mode provides a contrast range measurement to evaluate the overall lighting conditions. In addition, you can also check lighting ratios or the evenness of an illuminated background, scene or light source. Changes in the measured values are related to a saved measurement such as the center of a background or key light by pressing AVE/ΔEV icon.
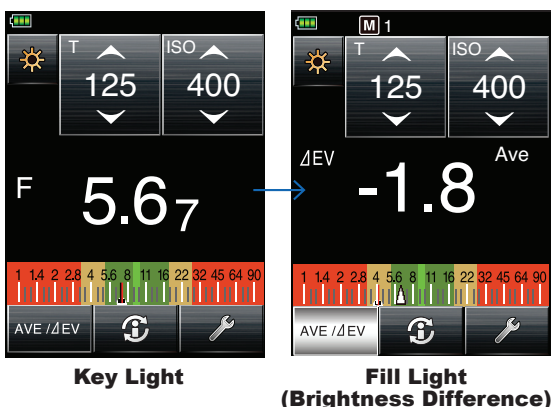
Key Light

Fill Light (Brightness Difference)

All Weather Design

All buttons, switches and compartments are sealed and the housing has been design to endure rugged outdoor conditions. Ideal for on-location shooting, at the beach, in the rainy or in humid environments. Dust-proof and splash-proof (JIS Standard Water Resistance Class 4)

DATA TRANSFER SOFTWARE

Digital Camera Exposure Profiling & Light Meter Utility
Data Transfer Software
SEKONIC

The L-858D and L-478 series light meters are designed to learn the exposure characteristic of your digital camera. By compensating for exposure and dynamic range limitations, these programmable meters can guide in capturing a perfectly exposed digital image for the ultimate in reproduction quality print or presentation.

The link between these programmable light meters and the camera is Sekonic's Data Transfer Software (DTS). The Sekonic DTS program evaluates test target images capture from your camera and creates an exposure profile of your camera's capabilities. These profiles are then transferred to either the L-858D or L-478 series light meters for real time use. In addition, the DTS program offers exposure profile editing, loading and unload different profiles as well as firmware update. Custom Settings for both the L-858D and L-478 series are quick and easy through the use of the DTS program in place of making the changes in the meters.

The only light meters that show you the Dynamic Range of your D-SLR.

The dynamic Range of a digital camera can be different due to it's unique camera sensor file format (Tiff, JPEG, RAW, etc.), selected ISO and more. Knowing the limits of the digital camera (or film) is essential in exposure control. The graph below shows the Latitude or Dynamic range of a particular digital camera (or film), as well as the Clipping points (where the exposure exceeds the dynamic range of the sensor film).

Photographed by a Camera with Narrow Exposure Range

Photographed by a Camera with Normal Exposure Range

Photographed by a Camera with Wide Exposure Range
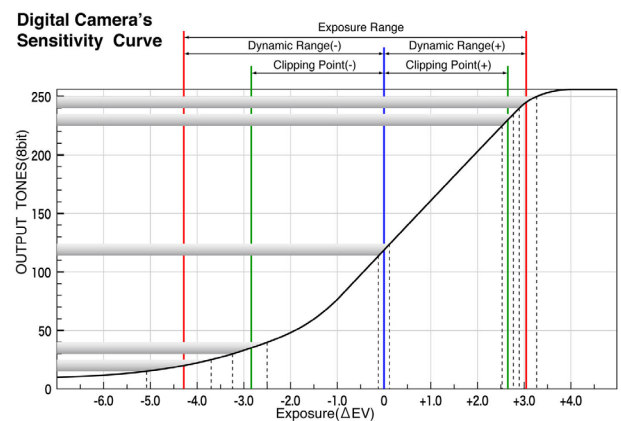
Exposure profiling

Step 1

Shoot target (Sekonic, X-Rite or datacolor brand) with the equipment you use most.
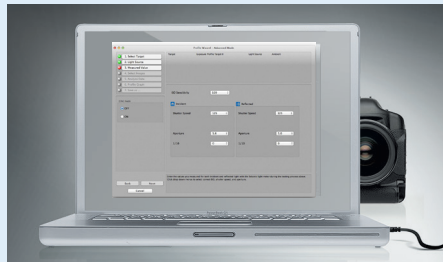
Step 2

Transfer images into your computer. If images are captured as RAW files convert them to TIFF or JPEG for analyzing. Enter ISO, incident and reflected shooting data into the Data Transfer Software and DTS will evaluate and create a graph of dynamic range and clipping points for your camera. Name and save the profile data for future use.

Step 3

Connect the meter to your MAC or PC computer and transfer the exposure profiles. Profiles can be stored and recalled at any time. Exposure latitude warnings alert you when the exposure exceeds the range of the camera.

DTS

Display a graph of the sensitivity curve for your DSLR

Main Screen

Data Transfer Software automatically analyzes the test images and displays the sensitivity curve of your camera. It also enables you to set the dynamic range and clipping point in your way, and to transfer the exposure profile data into the light meter. Additionally, it is possible to compare multiple exposure profiles on a basis of ISO sensitivity or camera.
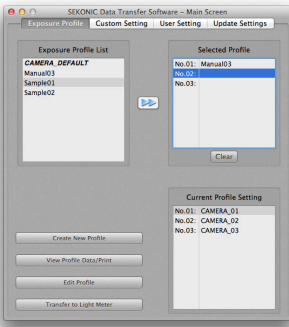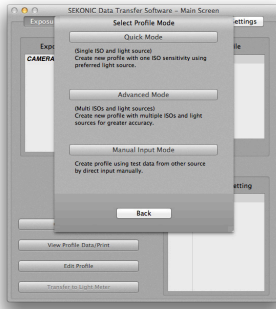
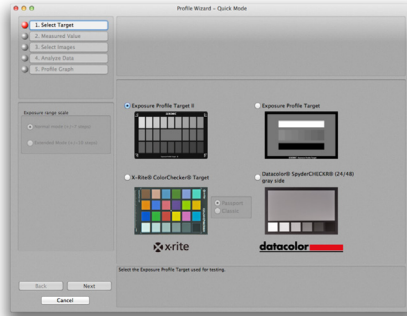## The Wizard - The Easy way to create Exposure Profile

The Wizard enables you to create the exposure profile in an easy way by just following the instruction on the screen. To create a new profile, select "Quick Mode - for a fast and simple profile" , "Advanced Mode - for a more precise exposure profile" or "Manual Input Mode - direct input Manually".

"Profile Mode" Selection Screen

"Select Target" Screen
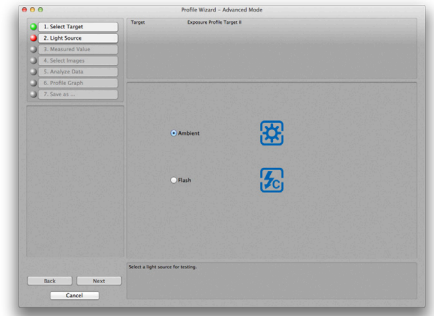
"Select Light Source" Screen

Analyze the test images automatically

A preview and Exif information are displayed when clicking a thumbnail image, so you can be free from entering the exposure value of each selected image.

Just select the necessary images and align the cross mark for the analyzing area, and then the data is automatically analyzed.
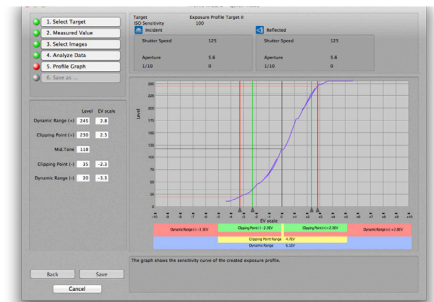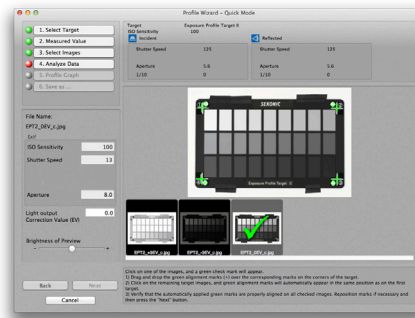
Transfer the data via USB from the computer to the light meter.

Connect the USB cable to the USB port (on the side of the light meter) and the other end to the USB port (on the computer) to transfer the computer data to the light meter. While transferring the data, the USB icon blinks on the connected light meter's screen to confirm that the data transfer is in progress and the meter and computer are correctly connected. It's also possible to transfer data from the light meter to the computer.

Customize your meters via Data Transfer Software

Custom Settings for both the L-858 and L-478 series are quickly and easily made through the Data Transfer Software. Both the meter's firmware and Data Transfer Software are automatically updated while DTS is connected to the internet.
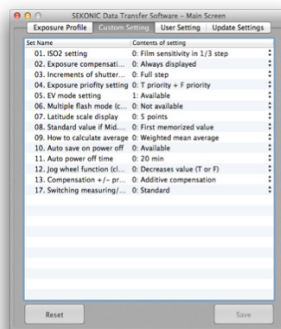
Custom Setting

Update Screen

Specification and Comparison Chart

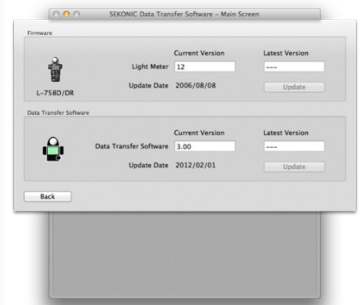| Product Name and Model				L-858D	L-478DR series
Measuring System	Incident light	Swivel head		Horizontal (270 degrees)	Horizontal (270 degrees)
		Lumidisc		Retractable	Retractable
	Reflected light	Switching incident/reflected		Operation on LCD	Removable
		Light receiving angle		1° (Built-in)	VF 5° (Optional VF)
Measuring Mode	Ambient light	T priority		Yes	Yes
		F priority		Yes	Yes
		TF priority		Yes	Yes
		HD_CINE (T priority)		Yes	Yes
		CINE (f/s priority)		Yes	Yes
		Lux/FC		Yes	Yes (w/Optional VF)
		Cd/m^2/FL		Yes	Yes (w/Optional VF)
	Flash light	Cordless/cord-in		Yes	Yes
		Radio triggering		Yes (Optional)	Yes (Built-in)
		Multiple cumulative flash		Yes (Unlimited)	Yes (99 times)
		HSS		Yes	No
		Flash duration analysis		Yes	No
Measuring Range (ISO100)	Ambient	Incident light	EV	-5 to 22.9	-2 to 22.9
		Reflected light	EV	-1 to 24.4	3 to 22.9
		Illuminance	Lux	0.1 to 2,000,000 lx	0.63 to 2,000,000 lx
			FC (Foot-Candle)	0.01 to 180,000 fc	0.10 to 180,000 fc
		Luminance	Cd/m^2	0.1 to 980,000 cd/m^2	1.0 to 980,000 cd/m^2
			FL (Foot-Lambert)	0.03 to 290,000 fl	0.29 to 290,000 fl
	Flash	Incident light	F	F0.5 to F161.2(=128.9)	F1.0 to F161.2(=128.9)
		Reflected light	F	F1.0 to F161.2(=128.9)	F2.8 to F161.2(=128.9)
		Illuminance	Lux·s	No	No
			FC (Foot-Candle)·s	No	No
Display/Setting Range	ISO Sensitivity			3 to 13.107.200 plus 850	3 to 409,600 plus 850
	Ambient	Aperture	Range	F0.5 to 161.2 (=128.9) in 1, 1/2, 1/3 step	F0.5 to 161.2 (=128.9)) in 1, 1/2, 1/3 step
			Analog scale	F1.0 to 90 in 1/3 step	F1.0 to 90 in 1/3 step
		Shutter speed	Range	30m to 1/64,000s in 1, 1/2, 1/3 step	30m to 1/64,000s in 1, 1/2, 1/3 step
			Analog scale	4s to 1/2,000s in 1/3 step	4s to 1/2,000s in 1/3 step
		Frame Rate	Range	1 to 1,000 f/s plus other 20 settings (customized from 0.001 to 99,999.999)	1 to 1,000 f/s plus other 20 settings (customized from 0.001 to 9,999.999)
		Shutter angle	degrees	1 to 358 deg. plus other 20 settings (customized from 0.001 to 360)	1 to 358 deg. plus other 20 settings (customized from 0.001 to 360)
		EV	Range	-73.9 to 103.8 for incident -69.9 to 105.3 for reflected	-27.9 to 55.8
			Analog scale	-3.0 to +3.0 EV for incident -7.0 to +7.0 EV for reflected	-3.0 to +3.0 EV for incident -7.0 to +7.0 EV for reflected
	Flash	Aperture	Range	F0.5 to 161.2(=128.9) in 1, 1/2, 1/3 step	F0.5 to 161.2(=128.9) in 1, 1/2, 1/3 step
			Analog scale	F0.1 to 90 in 1/3 step	F1.0 to 90 in 1/3 step
		Shutter speed	Range	30m to 1/16,000s in 1, 1/2, 1/3 step	30m to 1/1,000s in 1, 1/2, 1/3 step
		Flash duration	Range	1/40 to 1/55,500s（25ms to 18us）	No
			t value	0.1 to 0.9 (in 0.1 step)	No
Functions		Exposure Profile		Yes	Yes
		Memory		Yes (9 times) both incident and spot	Yes (9 times)
		Average		Yes	Yes
		Contrast Function		Yes (+/-9.9EV in 1/10 step)	Yes (+/-9.9EV in 1/10 step)
		Flash Analyzing		Yes (in 10% step)	Yes (in 10% step)
		Filter compensation		Yes (-20 to 20EV)	Yes (-12 to 12EV)
		Filter factor number compensation		Yes (preset 24 types plus 6 settings)	Yes (preset 24 types plus 6 settings)
		Exposure compensation		Yes (-9.9 to +9.9)	Yes(-9.9 to +9.9)
		Calibration compensation		Yes (-1.0 to +1.0)	Yes(-1.0 to +1.0)
		Custom settings		Yes (17 items)	Yes (13 items)
		LCD backlight		Yes	Yes
		Water registance		Yes	No
		Diopter adjustment		Yes (-1 to 2.5 D)	No
		Tripod socket		Yes	No
Others		Operating temperature		-10 to 50	-10 to 50
		Storage temperature		-20 to 60	-20 to 60
		Power source		1.5V x 2 (AA battery)	1.5V x 2 (AAA battery)
		Weight (without battery)		240g	140g
		Dimensions (W x H x D)		94 x 176 x 49	57 x 140 x 26
		LCD		2.7" color dot matrix LCD	2.7" color dot matrix LCD
Standard Accessory		Software/Utility		Yes (Downloaded from website)	Yes (Downloaded from website)
		Operating Manual		Yes (Downloaded from website)	Yes (Downloaded from website)
		Quick Guide / Start Up Guide		Yes (included in the package)	Yes (included in the package)
		Lens Cap		Yes	No
		Strap		Yes	Yes
		Synchro terminal cap		Yes (built-in)	Yes (built-in)
		Soft case		Yes	Yes
		Lumidisc		Yes (same as Lumisphere)	Yes (same as Lumisphere)
		Anti glare film		Yes	Yes
Optional Accessory		Viewfinder		No	Yes (5°)
		Lumishphere		Yes	Yes
		Lumidisc		Yes (same as Lumisphere)	Yes (same as Lumisphere)
		Lumigrid		No	No
		Deluxe case		No	Yes
		Synchro cord		Yes	Yes
		Radio transmitter		Yes (Broncolor, Elinchrom, Godox, Phottix Strato II. PocketWizard)	No (built-in PCB)
		Step-up ring		Yes	No
		Exposure Profile Target / II		Yes	Yes

L-478D	L-308X	L-398A	L-208
Horizontal (270 degrees)	No	Horizontal (300 degrees)	No
Retractable	Removable (Optional)	Removable	No
Removable	Slide	Removable	Slide
VF 5° (Optional VF)	40° (Built-in)	30° (Lumigrid)	33° (Lumigrid)
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	No	No	No
Yes	Yes	Yes	No
Yes	Yes	Yes	No
Yes (w/Optional VF)	Yes	Yes (FC only)	No
Yes (w/Optional VF)	No	No	No
Yes	Yes	No	No
No	No	No	No
Yes (99 times)	No	No	No
No	No	No	No
No	No	No	No
-2 to 22.9	0 to 19.9	4 to 17	3 to 17
3 to 22.9	0 to 19.9	9 to 17	3 to 17
0.63 to 2,000,000 lx	2.50 to 190,000 lx	No	No
0.10 to 180,000 fc	0.23 to 17,000 fc	0 to 1,250 fc (scale)	No
1.0 to 980,000 cd/m^2	No	No	No
0.29 to 290,000 fl	No	No	No
F1.0 to F161.2 (=128.9)	F1.0~F90.9	No	No
F2.8 to F161.2(=128.9)	F1.0~F90.9	No	No
No	No	No	No
No	No	No	No
3 to 409,600 plus 850	3 to 8.000 plus 850	6 to 12,000	12 to 12,500
F0.5 to 161.2 (=128.9)) in 1, 1/2, 1/3 step	F0.5 to 90.9 in 1, 1/2, 1/3 step	F0.7 to 128 in 1, 1/3 step	F1.4 to 32 in 1, 1/2 step
F1.0 to 90 in 1/3 step	No	No	No
30m to 1/64,000s in 1, 1/2, 1/3 step	Photo Mode: 60s to 1/8,000s HD_CINE Mode: 1/8s to 1/8,000s in 1, 1/2, 1/3 step	60s to 1/8,000s in 1 step	30s to 1/8,000s in 1 step
4s to 1/2,000s in 1/3 step	No	No	No
1 to 1,000 f/s plus other 20 settings (customized from 0.001 to 9,999.999)	8 to 128f/s	8, 18, 24, 64, 128	No
1 to 358 deg. plus other 20 settings (customized from 0.001 to 360)	45, 90, 180, 270, 360: CINE Mode	No	No
-27.9 to 55.8	-6 to 27.2	1 to 20	3 to 17
-3.0 to +3.0 EV for incident -7.0 to +7.0 EV for reflected	No	No	No
F0.5 to 161.2(=128.9) in 1, 1/2, 1/3 step	F0.5 to 90.9 in 1, 1/2, 1/3 step	No	No
F1.0 to 90 in 1/3 step	No	No	No
30m to 1/1,000s in 1, 1/2, 1/3 step	1s to 1/500s in 1, 1/2, 1/3 step	No	No
No	No	No	No
No	No	No	No
Yes	No	No	No
Yes (9 times)	No	Yes (1 meory with indicator)	No
Yes	No	No	No
Yes (+/-9.9EV in 1/10 step)	No	No	No
Yes (in 10% step)	No	No	No
Yes (-12 to 12EV)	No	No	No
Yes (preset 24 types plus 6 settings)	No	No	No
Yes(-9.9 to +9.9)	No	No	No
Yes(-1.0 to +1.0)	Yes (-1.0 to +1.0)	No	Slide
Yes (13 items)	Yes (3 items)	No	No
Yes	Yes (under EV5)	No	No
No	No	No	No
No	No	No	No
No	No	No	No
-10 to 50	0 to 40℃	0 to 40℃	0 to 40℃
-20 to 60	-20 to 60	-20 to 60	-20 to 60
1.5V x 2 (AAA battery)	1.5V x 1(AA battery)	No battery (amorphous sensor)	3.0V × 1(CR2032 battery)
130g	80g	190g	40g
57 x 140 x 26	63 x 110 x 22	58 × 112 × 34	45 × 65 × 24
2.7" color dot matrix LCD	B&W, Segment type	No	No
Yes (Downloaded from website)	No	No	No
Yes (Downloaded from website)	Yes (Downloaded from website)	Yes (included in the package)	Yes (included in the package)
Yes (included in the package)	Yes (included in the package)	Yes (included in the package)	Yes (included in the package)
No	No	No	No
Yes	Yes	Yes	Yes
Yes (built-in)	Yes	No	No
Yes	Yes	Yes	Yes
Yes (same as Lumisphere)	No (Optional)	Yes	No
Yes	No	No	No
Yes (5°)	No	No	No
Yes	No (built-in)	Yes	No (built-in)
Yes (same as Lumisphere)	Yes	Yes	Yes
No	No	Yes	No
Yes	No	Yes	No
Yes	Yes	No	No
No	No	No	No
No	No	No	No
Yes	No	No	No

5 Degree Viewfinder for L-478 Series:

For accurate, reflected light, spot measurements of specific subject areas. It is useful for distant objects such as landscapes or for metering subjects that generate light (neon signs, etc.), highly reflective surfaces or translucent subjects (stained glass, etc.).

Step-up ring for L-858D (30.5 - 40.5mm):

The step-up ring, available as an optional accessory, makes it possible to mount step rings and filters of other manufacturers. This simplifies the setting of exposure without the troublesome correction calculation of PL filters, etc. The step-up ring can also be used as a hood to protect lenses from scratching, soiling, etc.

Slide Set for L-398 Series:

A total of 11 slides are available, for direct reading of aperture on Foot-Candle scale in incident measurement.

Lumidisc for L-308 Series:

This flat diffuser can be attatched to the light recieving part of the L-308 series to measure flat subjects or lighting contrast with precision.

Synchro Cord:

This is a five-meter long cord with three plugs to connect with flash, light meter and camera. Cord has two male connectors and one female one. One of the male connectors has the lock function not to easily come off.

Exposure Profile Target II:

This is the test target used to create camera exposure profiles. One side consists of a central 18% gray patch that is surrounded by 25 patches arranged in 1/6th stop values, while the other side is 18% gray card for digital camera white balancing and spot metering.

Radio Transmitters RT-BR for L-858D

This transmitter module is compatible with 2.4GHz frequency for Broncolor radio systems, which are sold separately and require a receiver for each remote flash. Installing the transmitter module in the L-858D enables triggering an electronic flash units wirelessly, while simultaneuosly taking a measurement. It also allows you to control the power of flash output and turn modeling lamps ON or OFF.

Radio Transmitters RT-GX for L-858D

This transmitter module is compatible with 2.4GHz frequency for Godox radio systems, which are sold separately and require a receiver for each remote flash. Installing the transmitter module in the L-858D enables triggering an electronic flash units wirelessly, while simultaneuosly taking a measurement. It also allows you to control the power of flash output and modeling lamps.

Radio Transmitter RT-EL/PX for L-858D

This transmitter module is compatible with 2.4GHz Elinchrom (EL-Skyport) and Phottix (Strato II protocol) radio systems, and require a receiver for each remote flash. Installing the transmitter module in the L-858D enables triggering the electronic flash units wirelessly. With EL-Skyport radio system, you can wirelessly control the power output of a flash and turn modeling lamps ON or OFF.

Radio Transmitter RT-20PW and RT-3PW for L-858D

These transmitter modules are compatible with either 344MHz FCC/IC (US and Canada) or 433MHz CE (Europe) frequency for PocketWizard radio systems, which are sold separately and require a receiver for each remote flash. Installing the transmitter module in the L-858D enables triggering an electronic flash units wirelessly while simultaneuosly taking a measurement. With the PocketWizard ControlTL system, you can wirelessly control the power output of a flash and turn modeling lamps ON or OFF.

Deluxe Case for L-478 Series:

The Deluxe Case for the L-478 series provides a stylish way to transport the meter and a convenient way to store the optional 5-degree viewfinder. Padded front and back panels provide excellent protection. Front pouch with hook-and-loop closure is provided to store the meter's optional 5-degree viewfinder or lumisphere when not in use.