SEKONIC

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

The NEW Sekonic SpeedMaster L-858D combines over 60 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 Elinchrom, Phottix in addition to 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.
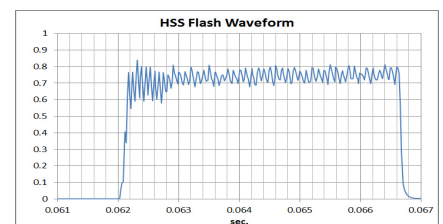
Flash Duration Measurements

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, complicated and additional piece of gear to carry, until now. The SpeedMaster L-858D's extremely responsive system offers selectable flash duration measurements from t=0.1 to 0.9. Setting flashes to yield the fastest, or the slowest, is now quick, precise and easy.

HSS Measurements

Measuring the stroboscopic bursts of HSS flash to determine accurate flash exposure has always been considered impossible with the traditional meters. The L-858D's highly responsive measuring system, monitoring the level of HSS output, is a game changer for HSS shooters, especially when shooting with multiple HSS flash units.

Optional Radio Transmitter now for Elinchrom, Phottix as well as PocketWizard

After years of successful development and market popularity with the PocketWizard radio triggering system, Sekonic now offers optional radio trigging modules for L-858D to control Elinchrom EL-Skyport system and the Phottix Strato/II protocol products. Triggering features range from basic flash triggering to multi-zone and channel triggering, power control, modeling light, camera triggering and much more.

Individual Transmitters Available

PocketWizard *Technology Built-In*   elinchrom *Technology Built-In*   Phottix *Technology Built-In*

	RT-20PW	RT-3PW	RT-EL/PX	
Radio System	PocketWizard	PocketWizard	Elinchrom (EL-Skyport)	Phottix
Radio Frequency & Channels	FCC&IC: 340-354MHz 20 Channels for ControlTL, 32 Channels for Standard System	CE:433.42-434.42MHz 3 Channels for ControlTL, 32 Channels for Standard System	2.4GHz 20 Channels	2.4GHz (Strato II protocol) 4 Channels
Zones/Groups	3 Zones (A to C) for ControlTL 4 Zones (A to D) for Standard triggering	3 Zones (A to C) for ControlTL 4 Zones (A to D) for Standard triggering	4 Groups (G1 to G4) plus ALL	4 Groups (A to D) for Phottix Strato II protocol
Flash Power Control	Yes	Yes	Yes	No (triggering only)
Model Light Control	Yes (ON/OFF only)	Yes (ON/OFF only)	Yes (Power control)	No

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.

Other Key Features

- 2.7" Color dot-matrix touch screen
- Extended ISO Range ISO 3 to ISO 13,107,200 + ISO 850
- Expanded Shutter Speed Range 30 min. to 1/16,000s for flash light
- Expanded Shutter Speed Range 30 min. to 1/64,000s for ambient light
- Full HD Cine and CINE mode: 1 to 1000f/s and 1 to 358 degree shutter angle
- Connectivity with MAC/PC DTS software for firmware upgrades, custom settings and Exposure Profiling

Specification

Type	Digital light meter for flash and ambient light		
Light Receptor	Incident Light	Lumisphere convetible to flat diffuser (with retracted lumisphere)	
	Reflected Light	Built-in 1 degree spot metering	
Measuring Mode	Ambient Light	T priority, F priority, TF priority, cine mode, HD CINE mode, Lux/FC or Cd/m^2/FL mode	
	Flash Light	Multiple flash mode, Cordless/cord-in mode, HSS flash mode, Flash duration mode, Radio flash triggering mode	
Measuring Range (ISO 100)	Ambient Light	Incident	-5 to 22.9
		Reflected	-1 to 24.4
	Illuminence	0.1 to 2,000,000 lx	0.01 to 180,000 fc
	Luminence	0.1 to 980,000 Cd/m^2	0.03 to 290,000 fl
	Flash Light	Incident	F0.5 to F161.2 (=128.9)
		Reflected	F1.0 to F161.2 (=128.9)
Display Range	ISO Sensitivity	Ambient & Flash Light	3 to 13,107,200 (plus 850)
	Aperture	Ambient & Flash Light	F0.5 to 161.2 (=128.9)
	Shutter Speed	Ambient Light	30m to 1/64,000s
		Flash Light	30m to 1/16,000s
	Flash Duration	Flash Light	1/40 to 1/55,500s (25ms to 18μs)
	Frame Rate	Ambient Light	1 to 1,000 f/s plus other 20 settings (up to 99,999.999)
	Shutter Angle	Ambient Light	1 to 358 degrees plus other 20 settings (up to 360 degrees)
Operating Temperature	-10 to 50°C		
Storage Temperature	-20 to 60°C		
Power Source	1.5V x 2 (AA battery)		
Weight	Approx. 300g		
Dimentions (W x H x D)	93.9(W) x 176.3(H) x 49.4(D) mm excluding protrusions		
LCD	2.7 inches color dot matrix LCD		
Standard Accessory	Start-up guide, Soft case, Strap, Anti-glare film, Lens cap, Lumisphere		
Optional Accessory	Synchro cord, Radio Transmitter, Step-up Ring, 18% Gray Card, Exposure Profile Target/ II		

Features and Specifications are subject to change without notice.

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