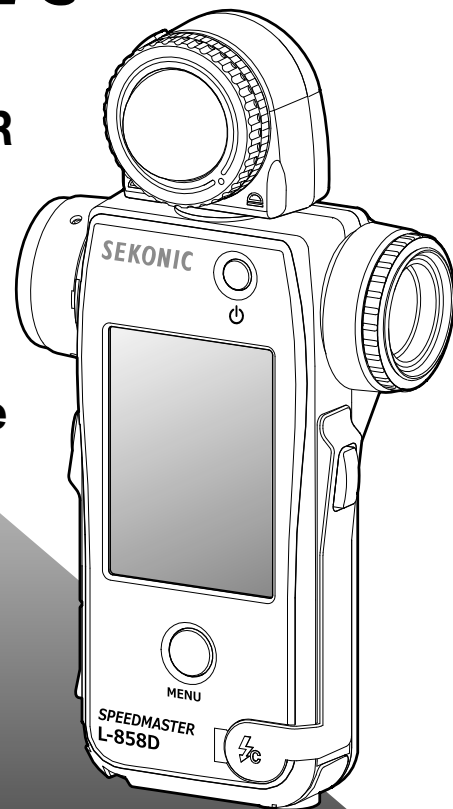


## SPEEDMASTER L-858D L-858D-U



### Startup Guide

Thank you for purchasing SPEEDMASTER L-858D. This Startup Guide introduces the basic operations of this light meter. For details about how to use this light meter, please see the Operating Manual. For information on how to download the Operating Manual, please see "10. Download".

## 1. Check Included Items

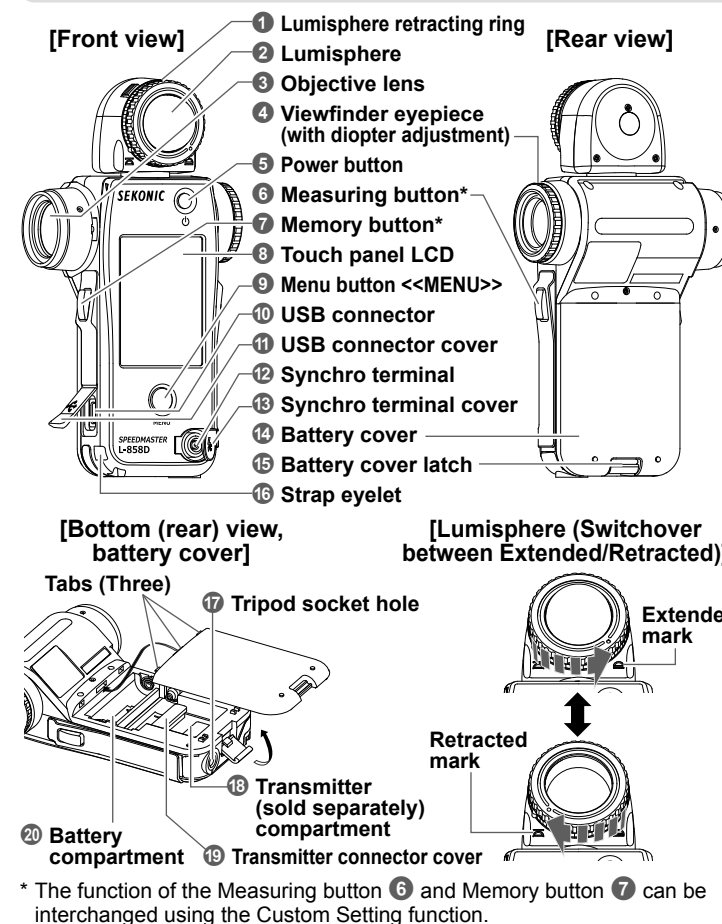
The following items are included with the meter in the package. Please be sure to check that all noted items are included.

- \* If any items are missing, please contact the distributor or the reseller you purchased the meter from.
- \* The USB cable (that has the A connector and Micro-B connector) is not included in the package. Please obtain this separately.
- \* Batteries are not included in the package. Please obtain these separately.

Meter	Startup Guide (this document)	Strap	Lens Cap (Installed on the meter)
Soft Case	Anti-glare Sheet for LCD Screen	Safety Precaution	

## 2. Names of Parts

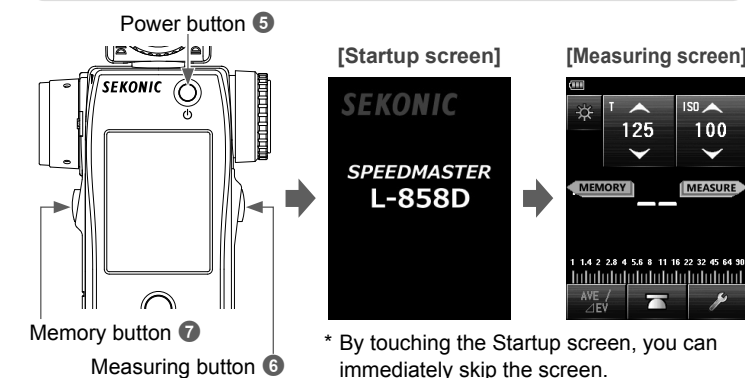
The following is a list of names of buttons and parts on the meter.



\* The function of the Measuring button ⑥ and Memory button ⑦ can be interchanged using the Custom Setting function.

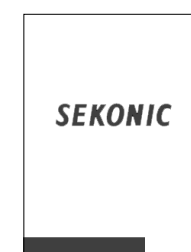
## 3. Turn the Power ON/OFF

After installing batteries, press the power button ⑤ to start up the meter. The Startup screen appears on the LCD for 1 second. Then the settings for the Measuring button (MEASURE) and Memory button (MEMORY) are displayed on the Measuring screen for 2 seconds. To turn the power off, press and hold down the Power button for at least 1 second. The meter power turns off after the display disappears. Please wait 3 seconds between repeated power on and power off sessions.



### NOTICE

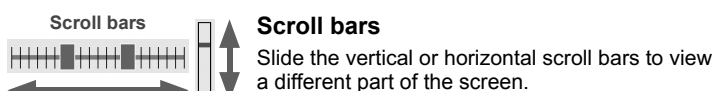
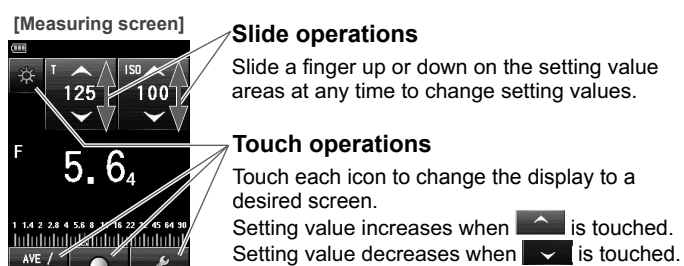
- The blue lettered "SEKONIC" logo screen is displayed after battery replacement and 24 hours after power OFF.
- Movement of the blue status bar indicates that the meter is checking its memory and preparing to operate. Do not turn the power OFF. Otherwise, the meter may be damaged.



## 4. Screen Operations

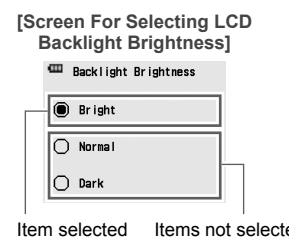
This section explains how to operate the touch panel on the meter.

Touch an icon with your finger to select a desired menu or item.



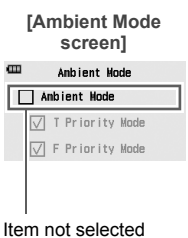
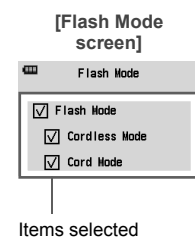
### Radio button operations

Radio buttons are displayed when you can only select one item. Touch a desired item to select.



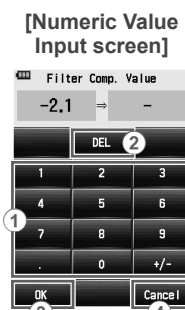
### Check box operations

Check boxes are displayed when multiple selections are available. Touch a desired item(s) to select.



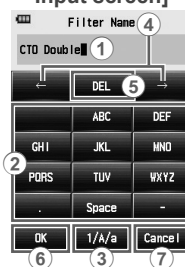
## 5. Input Numbers or Characters

How to input a numerical value (Numeric Number Input screen)



No.	Key	Description
①	0-9, Decimal point, Sign (+/-)	Inputs a numeric value. When touched, the input value is displayed at the top of screen.
②	DEL	Deletes the input value.
③	OK	Applies the input value, and returns to the previous screen.
④	Cancel	Cancels the input value, and returns to the previous screen.

How to input characters and numbers (Character Input screen)

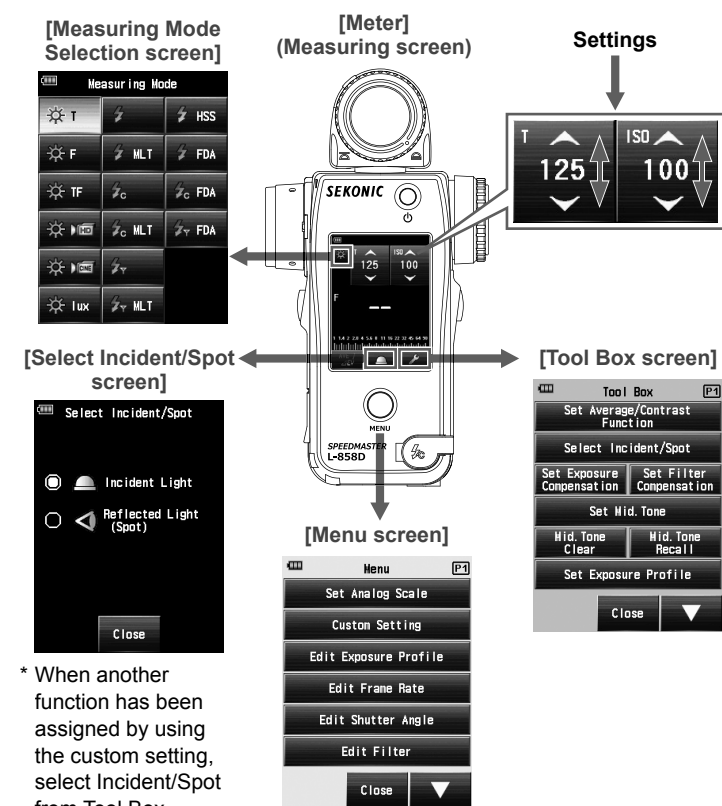


No.	Key	Description
①	Cursor	The cursor indicates the position at which to enter a character.
②	ABC, abc, 0-9, Decimal point, Space, Hyphen	When touched, the input value is displayed at the top of screen. Repeated touching of the same button for alphabet (ABC/abc) will change the alphabet character in order.
③	1/A/a	Switches between numbers, upper-case characters, and lower-case characters.
④	← →	Moves the input position.
⑤	DEL	Deletes the input value.
⑥	OK	Applies the input value, and returns to the previous screen.
⑦	Cancel	Cancels the input value, and returns to the previous screen.



## 6. Measuring Preparations

The mode and other settings required to make a measurement can be selected from the Measuring screen. For information on how to switch the display to each screen, see the relevant item.



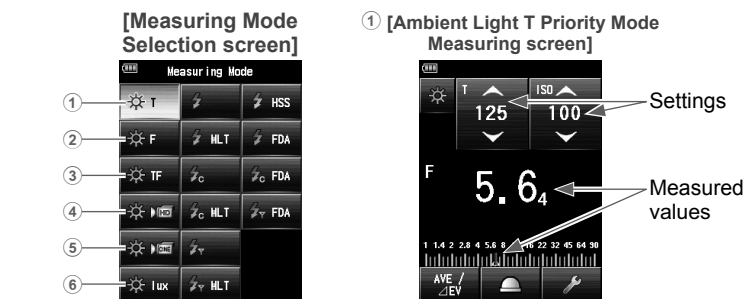
\* When another function has been assigned by using the custom setting, select Incident/Spot from Tool Box.

## 7. Select Measuring Mode

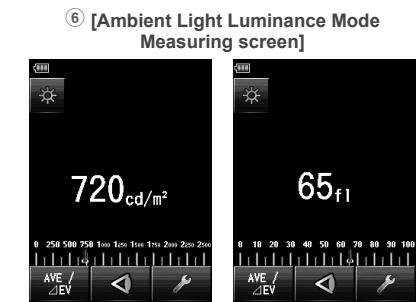
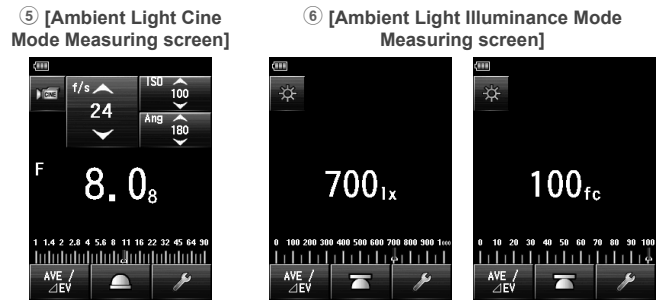
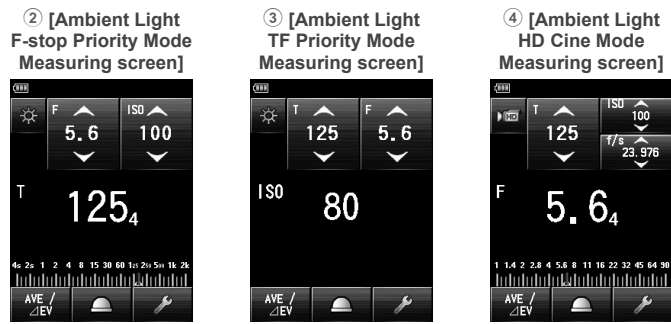
Different measuring modes can be selected to meet various requirements.

\* In the custom setting, you can select whether to display or hide the measuring modes.

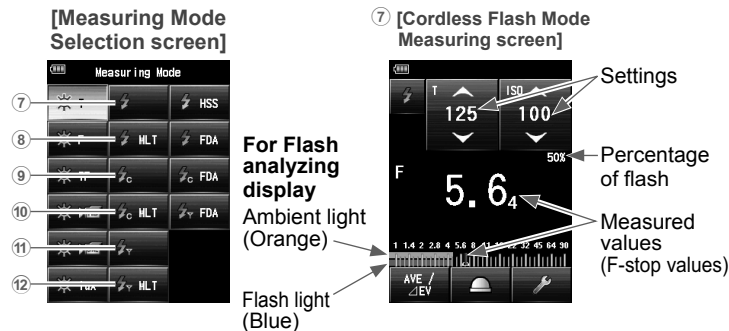
### <Ambient Mode>



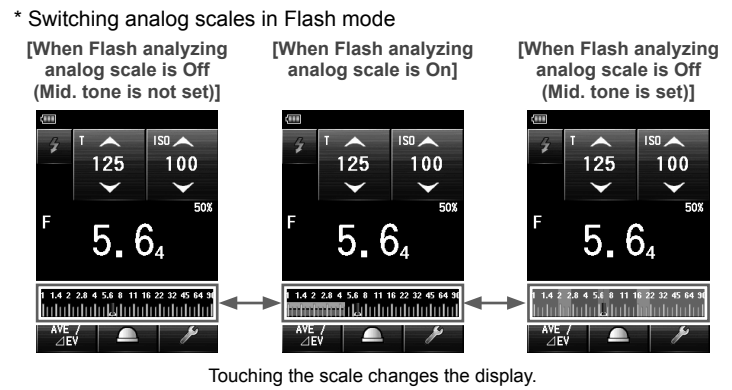
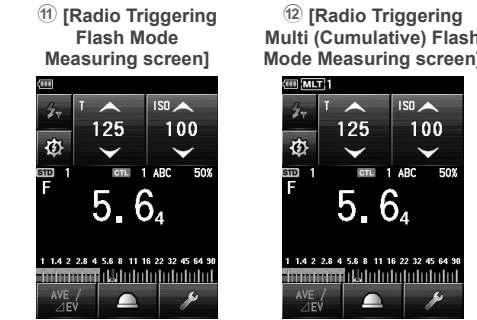
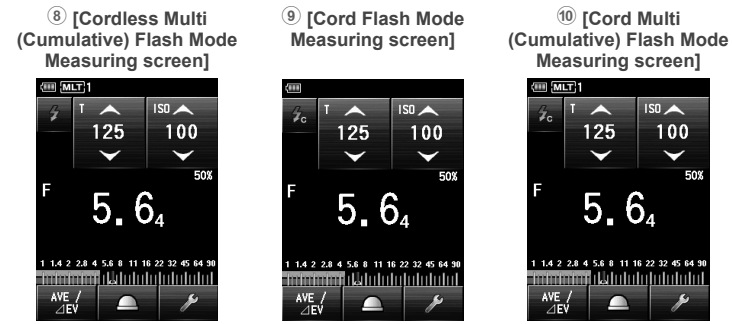
No.	Description of mode
①	<b>Ambient light T (shutter speed) priority mode</b> Displays F-stop value (aperture) for input shutter speed and ISO values.
②	<b>Ambient light F-stop (aperture) priority mode</b> Displays shutter speed value for input F-stop and ISO values.
③	<b>Ambient light TF (shutter speed and F-stop) priority mode</b> Displays ISO sensitivity for input shutter speed and F-stop values.
④	<b>Ambient light HD Cine mode</b> Displays F-stop value for input shutter speed, frame rate and ISO values.
⑤	<b>Ambient light Cine mode</b> Displays F-stop value for input frame rate, ISO and shutter angle values.
⑥	<b>Ambient light Illuminance (lux or fc) mode (Incident light measurement)</b> Displays brightness value in lux or foot-candle unit.
⑥	<b>Ambient light Luminance (cd/m<sup>2</sup> or fl) mode (Reflected light measurement)</b> Displays brightness value in cd/m <sup>2</sup> or foot-lambert unit.



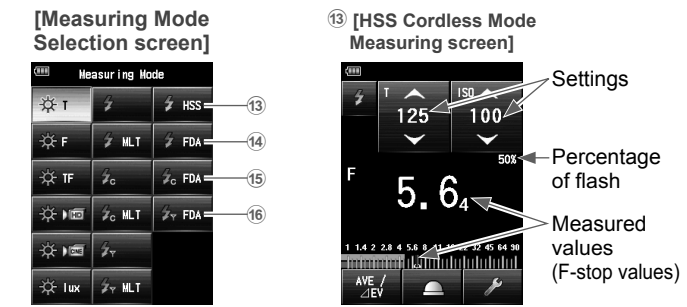
### <Flash Mode>



No.	Description of mode
⑦	<b>Cordless flash mode</b> Detects flash brightness without meter-flash connection after Measuring button pressed to arm meter for 90 seconds and flash fired separately, and displays F-stop value.
⑧	<b>Cordless multi (cumulative) flash mode</b> Detects and accumulates flash brightness without meter-flash connection after Measuring button pressed to arm meter for 90 seconds and flash fired separately, and displays F-stop value.
⑨	<b>Cord flash mode</b> Detects flash brightness with synchro cord meter-flash connection, and displays F-stop value.
⑩	<b>Cord multi (cumulative) flash mode</b> Detects and accumulates flash brightness with synchro cord meter-flash connection, and displays F-stop value.
⑪	<b>Radio triggering flash mode</b> Detects flash brightness after Measuring button is pressed to send radio transmitted signal to radio receiver connected to flash. Displays F-stop value (When a transmitter sold separately is installed).
⑫	<b>Radio triggering multi (cumulative) flash mode</b> Detects and accumulates flash brightness after Measuring button is pressed to send radio transmitted signal to radio receiver connected to flash. Displays F-stop value (When a transmitter sold separately is installed).



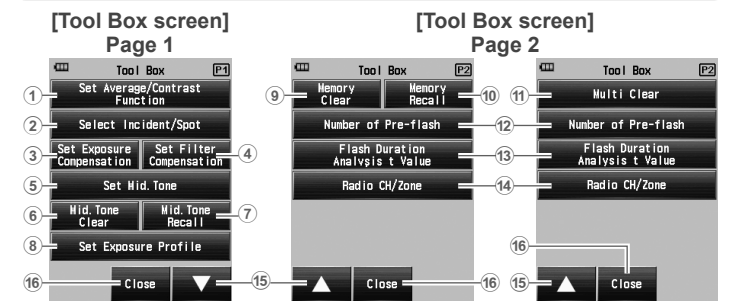
### <HSS Flash Mode/Flash Duration Analysis Mode>



No.	Description of mode
⑬	<b>HSS (High Speed Synchro) flash cordless mode</b> Select this mode to measure the brightness of a flash activated in HSS (High Speed Synchro) mode. Detects flash brightness without meter-flash connection after Measuring button pressed to arm meter for 90 seconds and flash fired separately, and displays F-stop value.
⑭	<b>Flash duration analysis cordless mode</b> Detects flash brightness without meter-flash connection after Measuring button pressed to arm meter for 90 seconds and flash fired separately, and displays flash duration time, graph of flash wave form and F-stop value.
⑮	<b>Flash duration analysis cord mode</b> Detects flash brightness with synchro cord meter-flash connection, and displays flash duration time, graph of flash wave form and F-stop value.
⑯	<b>Flash duration analysis radio triggering mode</b> Detects flash brightness after Measuring button is pressed to send radio transmitted signal to radio receiver connected to flash. Displays flash duration time, graph of flash wave form and F-stop value (When a transmitter sold separately is installed).

## 8. Tool Box

Touch the [Tool Box] icon ( ) on the Measuring screen to display settings of functions frequently used.

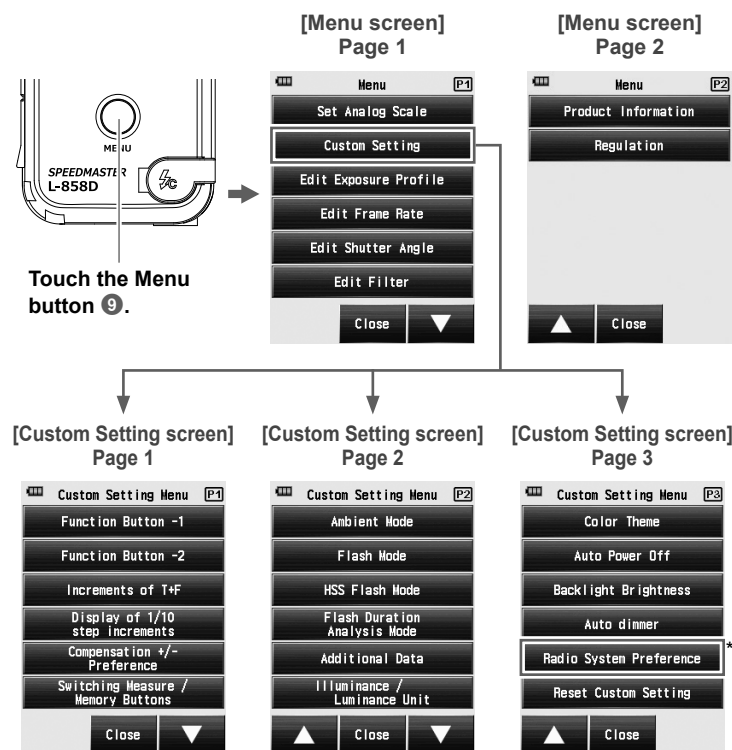


No.	Item name	Description
①	Set Average/Contrast Function	Selects On/Off.
②	Select Incident/Spot	Selects the light receiving method (Incident/Spot).
③	Set Exposure Compensation	Inputs a Exposure compensation value.
④	Set Filter Compensation	Inputs a filter compensation value or select a filter.
⑤	Set Mid. Tone	Sets or edits the Mid. Tone from the measurement or memorized value.
⑥	Mid. Tone Clear	Deletes Mid. tone value.
⑦	Mid. Tone Recall	Recalls Mid. tone value.
⑧	Set Exposure Profile	Selects an exposure profile.
⑨	Memory Clear	Deletes measurements stored in the memory. (Not displayed in multi flash mode.)
⑩	Memory Recall	Redisplays data stored in the memory. (Not displayed in multi flash mode.)
⑪	Multi Clear	Deletes accumulated data. (Displayed in multi flash mode only.)
⑫	Number of Pre-flash	Selects the number of times before pre-flashing is canceled.
⑬	Flash Duration Analysis t Value	Inputs t value of Flash duration analysis.
⑭	Radio CH/Zone *1	Selects a radio channel/zone.
⑮	▼/▲	Moves to the previous or next page.
⑯	Close	Closes Tool Box and returns to the Measuring screen.

\*1 Content to be displayed differs depending on which transmitter (sold separately) is installed.

## 9. Menu Screen and Custom Settings

The Menu screen enables you to previously customize or edit the function or display settings. Press the Menu button ⑨ to display the screen.



\* The "Radio System Preference" in the Custom Setting is only displayed when a transmitter (sold separately) is installed.

## 10. Download

■ **Operating Manual**  
 ■ **Data Transfer Software (DTS)**  
 Please visit [www.sekonic.com](http://www.sekonic.com) to download the latest version of DTS software and the operating manual as follows:

<http://www.sekonic.com/>  
 Support → Downloads → DTS Software for MAC and Windows  
 ■ Data Transfer Software (DTS)

Instruction Manual/User Guide Download  
 ■ Operating Manual



You can also use the URLs below for direct access to both DTS and the operating manual.

■ **Data Transfer Software (DTS)**  
<http://www.sekonic.com/support/downloads/dtssoftwareformacandwindows.aspx>  
 ■ **Operating Manual**  
<http://www.sekonic.com/support/instructionmanualuserguidedownload.aspx>

## 11. Optional Radio Transmitters

Sekonic makes three radio transmitters for use with the L-858D that can be purchased separately. When purchasing and/or installing a radio transmitter, make sure that the meter, transmitter and radio receiver are designed for use in your location and have the proper frequency to comply with local broadcast regulations.

L-858D Serial #	Transmitter Model #	Operating Frequency	
JY11-XXXXXX (Canada IC) JY1L-XXXXXX (FCC)	RT-20PW	PocketWizard (FCC & Canada IC): 344.0 to 354.00 MHz	RT-20PW
JY11-XXXXXX (CE) JY1G-XXXXXX (NCC)	RT-3PW	PocketWizard (CE & NCC): 433.42 to 434.42MHz	RT-3PW
JY10-XXXXXX (Japan) JY11-XXXXXX (CE) JY1G-XXXXXX (SRRC, NCC) JY1L-XXXXXX (FCC)	RT-EL/PX	Elinchrom and Phottix (FCC, Canada IC, CE, NCC, SRRC, Japan): 2.4GHz	RT-EL/PX

\* Elinchrom is the registered trademark of Elinchrom SA.  
 \* Phottix is the registered trademark of Phottix Hong Kong Ltd.  
 \* PocketWizard is the registered trademark of LPA Design.  
 \* The contents of this manual may be subject to change for the product's specification modifications and other reasons without prior notice.

### Switching between measured value screens (numeric value ↔ graph) in Flash duration analysis mode

