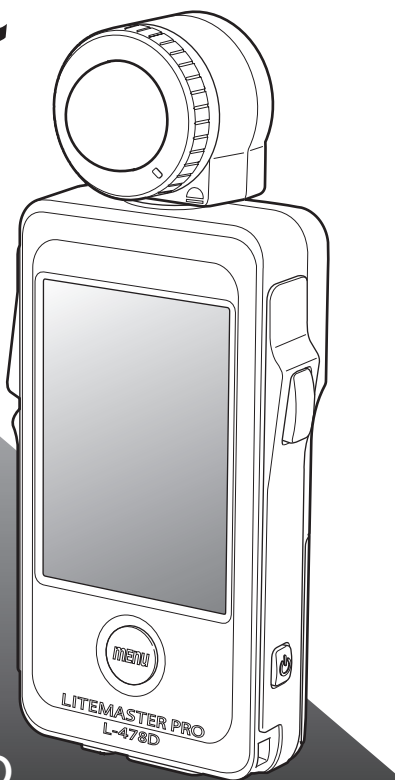


SEKONIC



Startup Guide

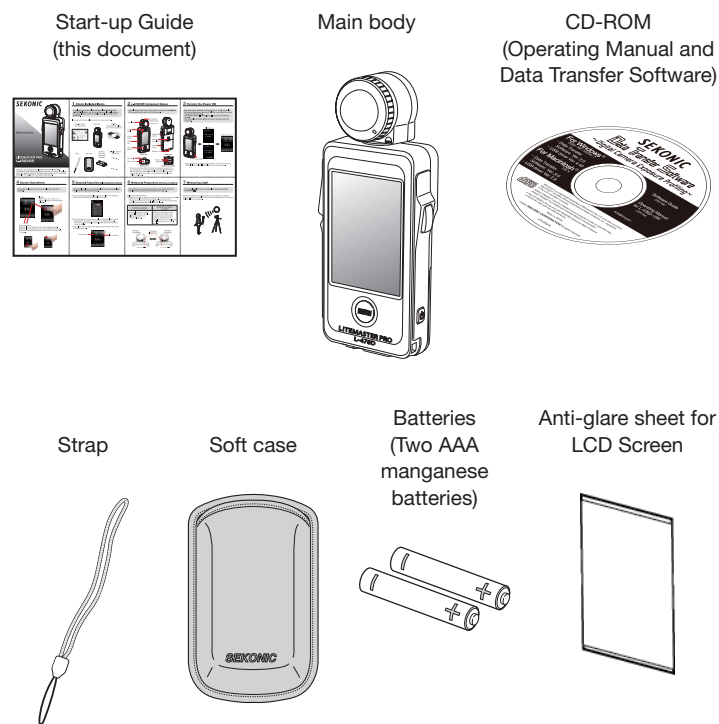
LITEMASTER PRO L-478D/DR

Thank you for purchasing the LITEMASTER PRO L-478D/DR. This Startup Guide introduces the basic operating functions of this light meter. For specific details on this light meter, please see the Operating Manual on the CD-ROM (accompanying accessory).

1 Check Included Items

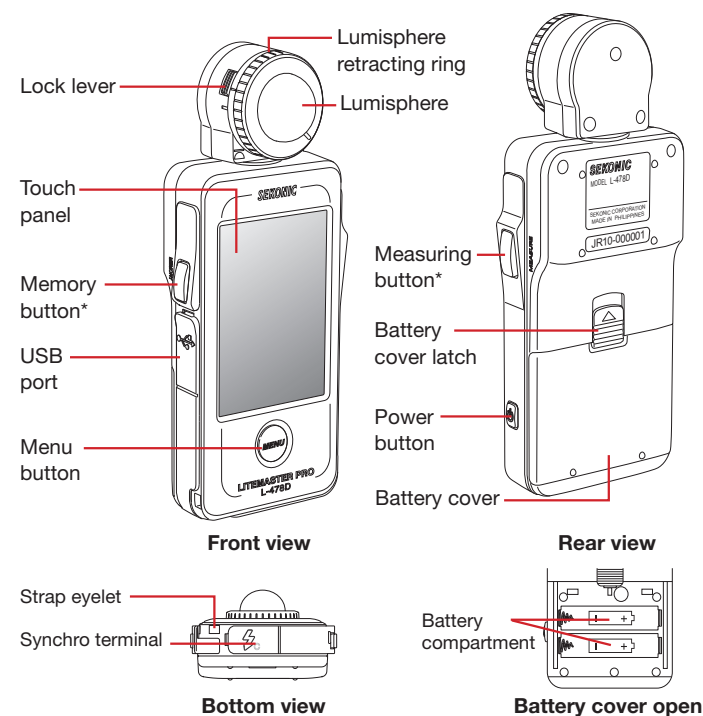
The following items are included with the LITEMASTER PRO L-478D/DR. Please be sure that everything is included. If any item is missing, please contact the reseller that sold the meter or the distributor.

*If something is missing, please contact the store of purchase.



2 L-478D/DR Component Names

The following are the names of the buttons and parts on the L-478D/DR (referred to as the main unit from here on).



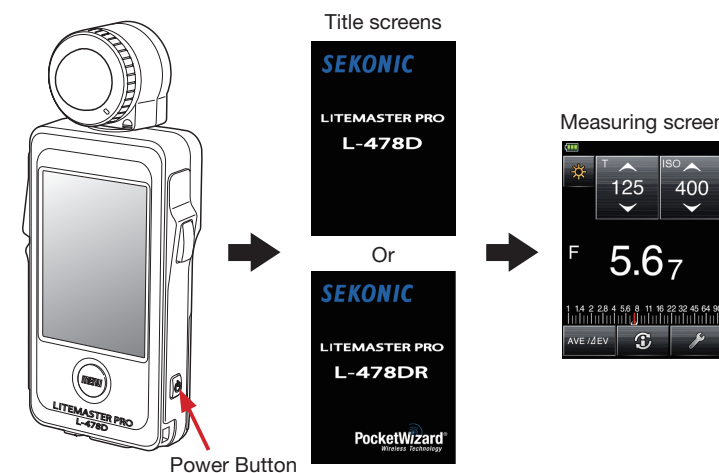
*When using the Spot Meter attachment (separate accessory), you may find operation more comfortable by switching the Memory and Measuring button functions. For details to do this, please see the Custom Settings function section in the Operating Manual on the included CD-ROM.

3 Turning the Power ON

After inserting the batteries according to the "+" and "-" symbol in the battery compartment, press and hold the Power Button for about 1 second to start up meter.

*The startup screen will be displayed, followed by the measuring screen.

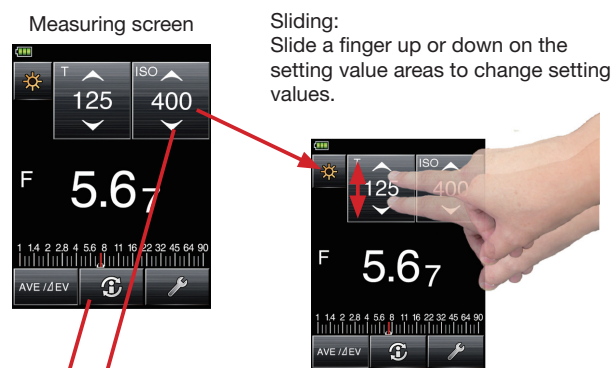
*Press and hold the Power Button for about 1 second to turn the meter off.



*When first starting or after replacing batteries, a white screen with the SEKONIC logo in blue will be displayed as the meter starts up.

4 Screen Operations

This section explains how the touch panel on the main unit is operated.



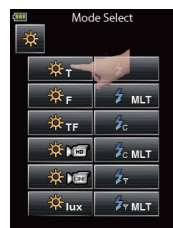
Touch Operations:
 ◆ Setting value increases when the up arrow (▲) is touched.
 ◆ Setting value decreases when the down arrow (▼) is touched.
 ◆ Touch icon/buttons at the bottom of the screen to activate their function.



5 Measuring Preparations (Selecting Measuring Mode)

This example explains how to measure light using the ambient light T value (shutter speed) priority mode.

1) Touch the Measuring Mode Selection button top left of the Measuring screen enter the Measuring Mode Selection Screen,



2) Touch the ambient T icon/button to select the ambient light T (shutter speed) priority mode button and return to the measuring screen.
 * The above screen example shows all of the measuring mode icon/buttons visible.

3) Set the ISO sensitivity and shutter speed corresponding to the camera settings for shooting.

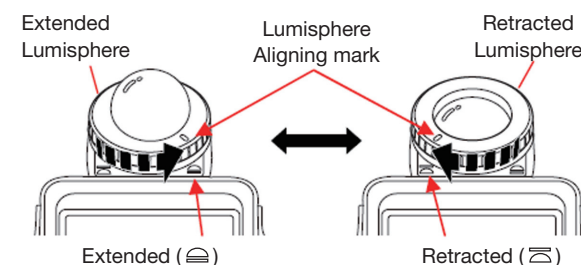


6 Measuring Preparations (Setting Lumisphere)

The Lumisphere can be either extended or retracted to obtain the best light measurements for different types of subjects.

Selecting Lumisphere setting
 ● Rotate the Lumisphere retracting ring to the right to retract the Lumisphere. Rotate it to the left to extend the Lumisphere. Be sure to turn the Lumisphere retracting ring to set the aligning mark with the corresponding symbol (extended/retracted) until it clicks into place.

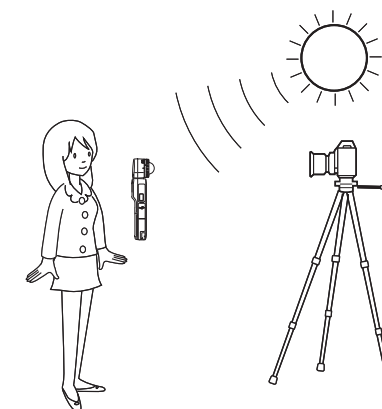
Extended Lumisphere	Retracted Lumisphere (Lumidisc)
Extended lumisphere is used to measure illumination of people, buildings, and other three dimensional objects.	Retracted Lumisphere is used to measure illumination of flat subjects such as manuscripts, paintings, difference of one or more light sources for ratio lighting and illumination in Lux or Foot-candle.



7 Measuring Light

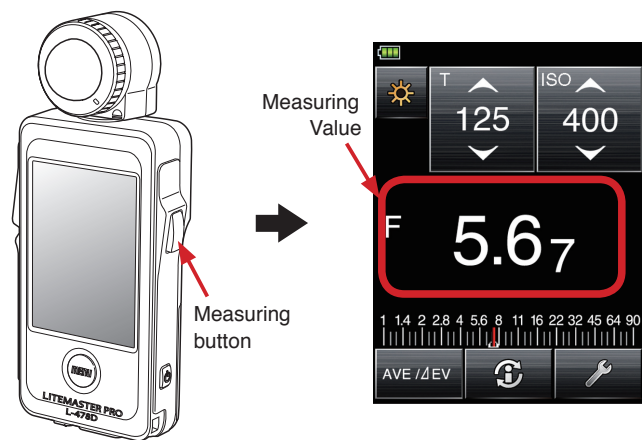
This example explains how to measure light using the extended Lumisphere (☰).

Position the meter in front of the subject with the extended Lumisphere facing towards the camera's lens axis press the measuring button to measure the light falling on the subject.



8 Checking Measured Value

This example explains how to observe exposure value using the ambient light T value (shutter speed) priority mode. F stop value (aperture) is displayed for ambient light and T (shutter speed) priority mode.



9_1 Measuring Modes (ambient light)

The following describes the other Ambient Light measuring modes available to meet your shooting needs.

*The mode details appearing in bold font below are the modes available in the default display mode. Measuring Modes can be added or removed in the Custom Setting Mode.

Icon	Mode Details
	Ambient light T (shutter speed) priority mode Displays f-stop values (apertures numbers) for input shutter speed and ISO values.
	Ambient light F stop(aperture) priority mode Displays shutter speed values for input shutter speed and ISO values.
	Ambient light TF (Shutter speed and F stop) priority mode. Displays ISO value for input shutter speed and F-stop.
	Ambient light HD Cine mode Displays F-stop value for input shutter speed, frame rate and ISO values.
	Ambient light Cine mode Displays F-stop value for input frame rate (f/s), ISO, and shutter angle values.
	Ambient light Illuminance (lux) mode Displays brightness values in lux units.
	Ambient light Illuminance (fc) mode Displays brightness values in foot-candle units.
	Ambient light Luminance (cd/m²) mode (by reflected light measurement using with accessory viewfinder available as separate purchase) Displays brightness values in cd/m² units.
	Ambient light Luminance (fl) independent display mode (by reflected light measurement using with accessory viewfinder available as separate purchase) Displays brightness values in foot-lambert units.

9_2 Measuring Modes (flashlight)

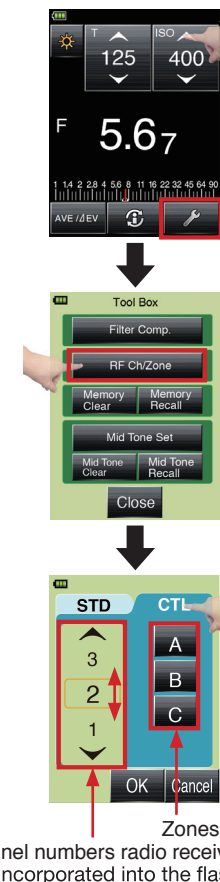
Icon	Mode Details
	Cordless mode Detects flash brightness without meter-flash connection after measuring button pressed to arm meter for 90 seconds and flash fired separately. Displays f-stop values (apertures numbers) for input shutter speed and ISO values.
	Cordless multi (cumulative) flash mode Detects and accumulates flash brightness without meter-flash connection after measuring button pressed to arm meter for 90 seconds and flash fired separately. Displays f-stop values (apertures numbers) for input shutter speed and ISO values.
	Cord (PC) mode Detects flash brightness with PC cord meter-flash connection. Displays f-stop values (apertures numbers) for input shutter speed and ISO values.
	Cord multi (cumulative) flash mode Detects and accumulates flash brightness with PC cord meter-flash connection. Displays f-stop values (apertures numbers) for input shutter speed and ISO values.
	Radio triggering mode * Detects flash brightness without meter-flash connection after radio transmitted trigger signal is received by radio-receiver connected flash. Displays f-stop values (apertures numbers) for input shutter speed and ISO values.
	Radio triggering multi (cumulative) flash mode * Detects and accumulates flash brightness without meter-flash connection after radio transmitted trigger signal is received by radio-receiver connected flash. Displays f-stop values (apertures numbers) for input shutter speed and ISO values.

*L-478DR only. PocketWizard® receivers are required to radio signal and trigger flash.

10_1 Setting Channels in Radio Triggering Mode

Using the Radio triggering mode with operations for using PocketWizard® ControlTL®.

- 1) Touch the Tool Box icon at the bottom of the Measuring screen to display the Tool Box screen.
- 2) Touch the Radio CH/Zone button to display the Radio Trigger Channel / Zone setting screen. Then touch the CTL tab activate the ControlTL settings.
- 3) Touch the arrows or slide your finger over the screen to select a channel from 1 to 20 for FCC & IC version, and from 1 to 3 for CE version.
- 4) Touch one or more of the control zone buttons (A,B,C) to select flash zones you want to use.
*In the display example, the channel number 20 is selected.
- 5) Touch the OK tab to confirm settings and return to the Measuring screen. (Touch the Cancel tab to cancel settings.)



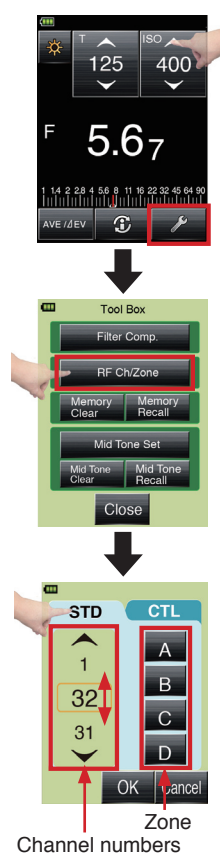
*See the Operating Manual for the radio receiver to learn about settings for the radio receiver incorporated into the flash.

Channel numbers radio receiver incorporated into the flash.

10_2 Channel Setting in Radio Triggering Mode

Using the Radio triggering mode with operations for using PocketWizard® Standard Channels.

- Setting Standard Channel
- 1) Touch the Tool Box icon at the bottom of the Measuring screen to display the Tool Box screen.
 - 2) Touch the Radio CH/Zone button to display the Radio Trigger Channel / Zone setting screen. Then touch the STD tab to activate the Standard settings.
 - 3) Touch the arrows or slide your finger over the screen to select a channel from 1 to 32. Channels 1-16 provide single triggering(no zone).
 - 4) Select channel numbers 17-32 to display zone buttons A, B, C, D provide control of up to four zones of lighting.
* The displayed example below is for channel number 32.
* Touch the OK tab to confirm settings and return to the Measuring screen. (Touch the Cancel tab to cancel settings.)



*See the Operating Manual for the radio receiver to learn about settings for the radio receiver incorporated into the flash.

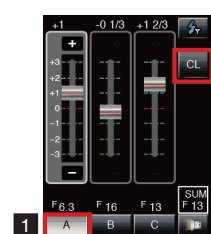
11_1 Adjusting Flash Intensity

Setting the flash intensity with Power Control Functions.

- 1) Touch the Measuring Mode Selection button top left of the Measuring screen enter the Measuring Mode Selection Screen. Touch the icon/button to select the Flash Power Control Mode button and return to the Measuring screen.
- 2) Touch the Power Control icon to display the Power Control screen.
- 3) Set flash intensity output at the Power Control screen. Be sure to set the channel number you are using. (See 10-1 for details.)
 1. Touch the Zone buttons you want to select.
When using ControlTL® channel:
A to C buttons are set at bottom.
When using Standard channel:
A to D buttons set in column.



Power Control screen
ControlTL+Standard1~16Ch

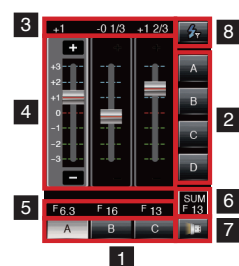


Standard settings provide control of up to four zones of lighting indicated as a Zone letter (A, B, C or D). It is not possible to activate Quad-triggering control without first selecting a channel 17-32, and a Quad-Triggering zone (A, B, C or D).

11_2 Adjusting Flash Intensity

2. The Power Bar (Output Adjustment screen) for the selected zone will become available. Hold down the Measuring button to display the current flash intensity output at and the Power Bar in above.
 3. Either touch the plus/minus or move the bar with your fingertip to set the values.
 4. To select other zones and set values, repeat process 1 to 3 above.
 5. The F value (f-stop) for each zone calculated out from the set T (shutter speed) and ISO sensitivity value is displayed in and the average F value (f-stop) for all zones is displayed in .
 6. When flash modeling lamps are being used, touch to turn off the modeling lamp.
Touch to turn on modeling lamps again if needed.
- 4) Pressing the Measuring button once will transmit information about intensity change to the flash.
(At this time, the flash will be triggered, but the intensity will be the one prior to intensity adjustment.)
To measure the intensity exposure of the flash after intensity adjustment, the Measuring button must be pressed again.
 - 5) Take a measurement by placing the meter at the position of the subject with the Lumisphere facing toward the camera's lens axis. The flash will be triggered and the measured value (F value) at that time will be displayed.
 - 6) Repeat process 4) and 5) of flash intensity adjusting until the desired F values are obtained.

Power Control screen
ControlTL+Standard17~32Ch



PocketWizard® is a registered trademark of LPA Design.

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