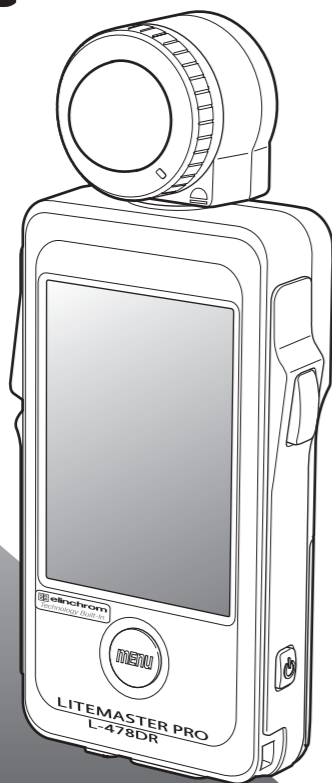


Startup Guide

LITEMASTER PRO

L-478DR-EL
L-478DR-A-EL
L-478DR-U-EL

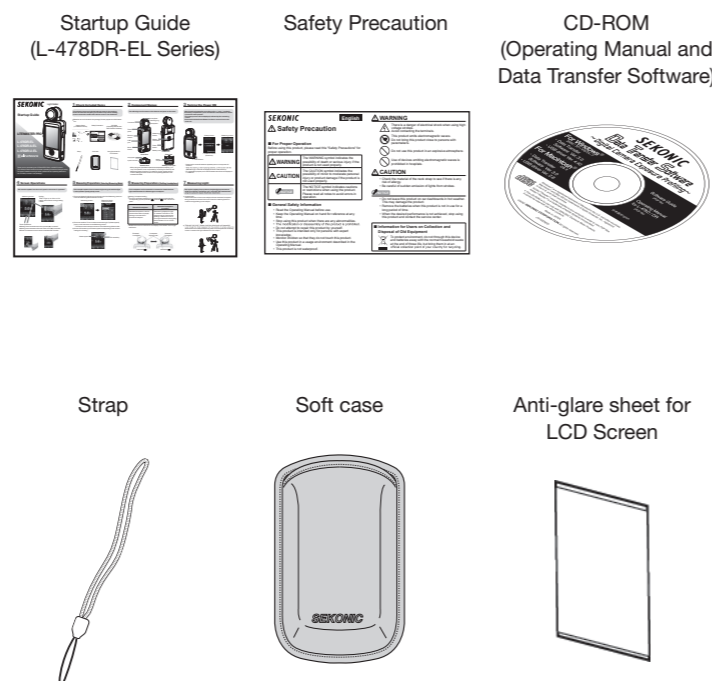


Thank you for purchasing the LITEMASTER PRO L-478DR-EL Series. This Startup Guide introduces the basic operating functions of this light meter. For specific details on this light meter, please see the Operating Manual on the CD-ROM (included in the package).

1 Check Included Items

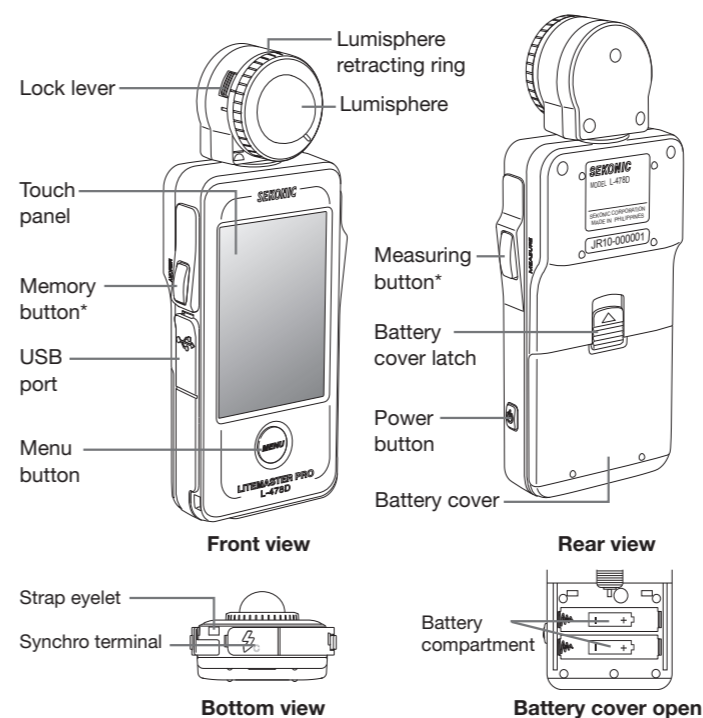
The following items are included with the meter in the package. Please be sure that everything is included. If any item is missing, please contact the reseller that sold the meter or the distributor.

- Batteries are not included in the package. Please prepare two AAA before use.



2 Component Names

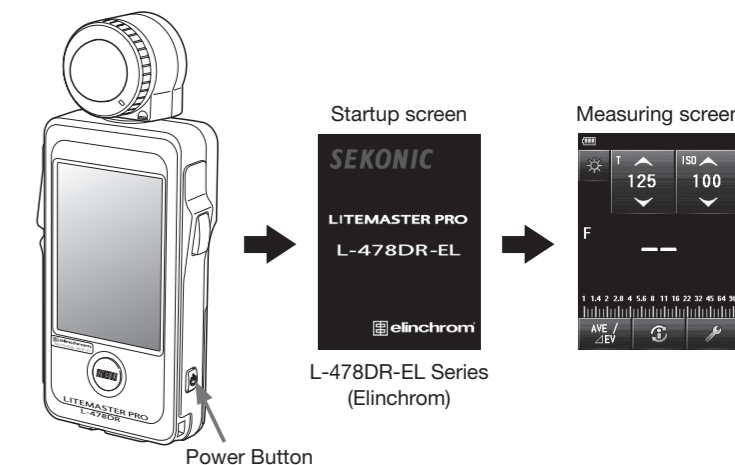
The followings are the names of the buttons and parts on the meter.



*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

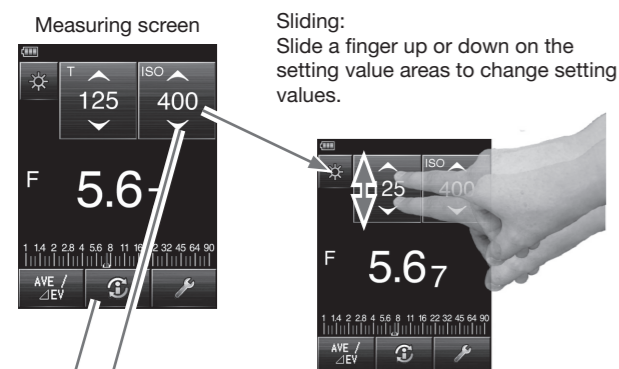
After inserting the batteries according to the “+” and “-” symbol in the battery compartment, press and hold the Power Button for about 1 second to start up meter.
*The startup screen will be displayed, followed by the measuring screen.
*Press and hold the Power Button for about 1 second to turn the meter off.



*Please wait 3 seconds between repeated power on and power off sessions.
*When first starting or after replacing batteries, a white screen with the SEKONIC logo in blue will be displayed as the meter starts up.
*For explanation purpose, the LCDs illustrated here show the displays of L-478DR-EL.

4 Screen Operations

This section explains how the touch panel on the meter is operated.

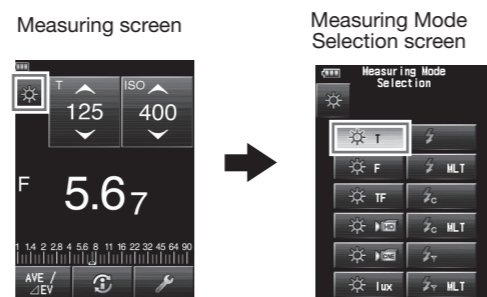


Touch Operations:
◆ Setting value increases when the up arrow (▲) is touched.
◆ Setting value decreases when the down arrow (▼) is touched.
◆ Touch icon/buttons on the screen to activate their function.

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 icon at the top left of the Measuring screen to enter the Measuring Mode Selection Screen.



- 2) Touch the ambient T icon to select the ambient light T (shutter speed) priority mode and return to the Measuring screen.
* The above screen example shows all of the Measuring Mode visible.
- 3) Set the ISO sensitivity and shutter speed corresponding to the camera settings for shooting.



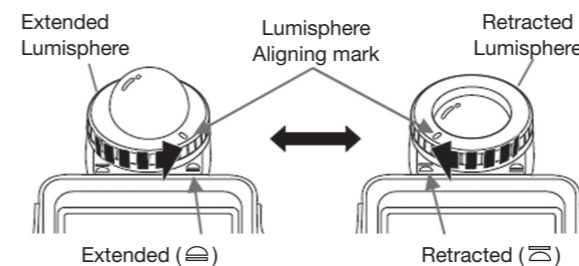
6 Measuring Preparations (Setting Lumisphere)

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

Selecting Lumisphere setting
● 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 flat subjects such as people, buildings, and other three dimensional subjects.	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.

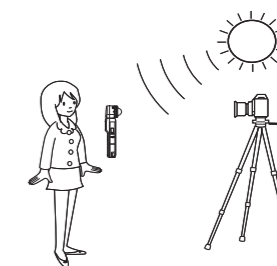
* Models sold in some countries do not display “Foot-candle” due to legal restrictions.



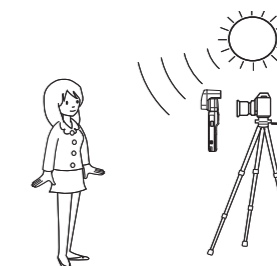
7 Measuring Light

This section explains how to take an incident-light measurement using the extended Lumisphere and a reflected-light measurement using the optional 5-degree Viewfinder attachment.

- 1) Incident Light
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.

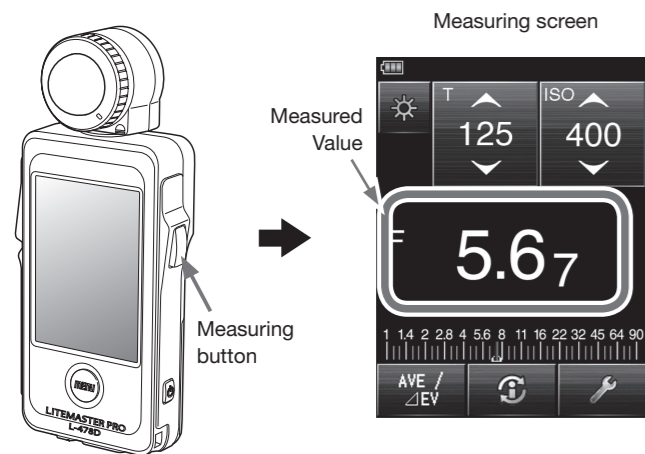


- 2) Reflected Light (with 5-degree viewfinder attachment sold separately)
Look through the finder eyepiece from the position of camera, place the desired area to be measured within the yellow circle and press the measuring button to measure the light reflected from the subject.



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 in T (shutter speed) priority mode.



9_1 Measuring Modes (ambient light)

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

* 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 F stop 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 *1 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 *1 (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 flash mode *2 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 multi (cumulative) flash mode *2 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.

*1 Models sold in some countries do not display "fc" and "fl" due to legal restrictions.

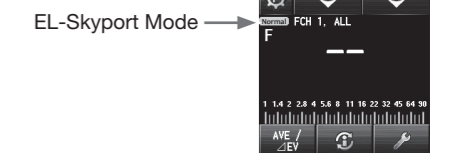
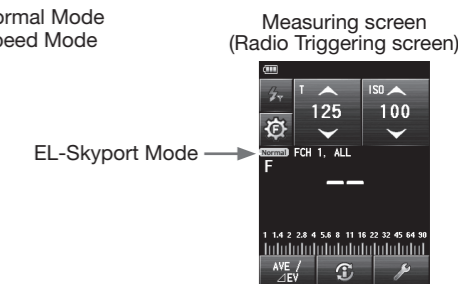
*2 L-478DR-EL only. Plug-in external or built-in EL-Skyport receivers are required to work with the Skyport radio system by Elinchrom.

10 Radio Flash Mode (for L-478DR-EL Series) EL-Skyport Mode Selection - in Custom Setting

Set Normal mode or Speed mode on both the Skyport transmitter and receiver according to shutter speed in use for desired effect.

- 1) Press the Menu button on the meter to open the Menu screen.
- 2) Touch "3. Custom Setting" and select "c-) EL-Skyport Mode" under "6. Flash Mode" in the displayed Menu screen.
- 3) Touch the radio button to select Normal or Speed mode.
- 4) Touch [OK] to complete the setting and return to the Custom Setting screen. (Touch [Cancel] to return to the Custom Setting screen without change.)
- 5) Press the Menu button at the Custom Setting screen to return to the top of Menu screen. Press the Menu button again to return to the Measuring screen.
- 6) In the Radio Flash mode, the Measuring screen shows the setting of Normal mode or Speed mode.

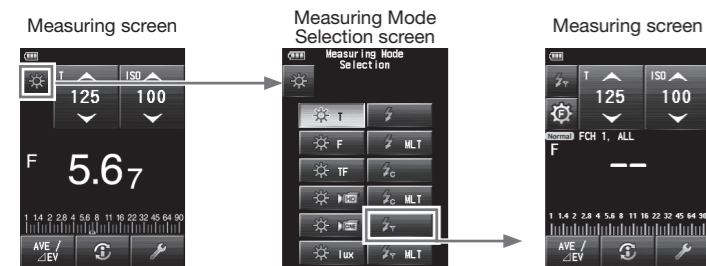
Normal EL-Skyport Normal Mode
Speed EL-Skyport Speed Mode



11 Radio Flash Mode (for L-478DR-EL Series) Setting Radio Flash Mode and Channel / Groups

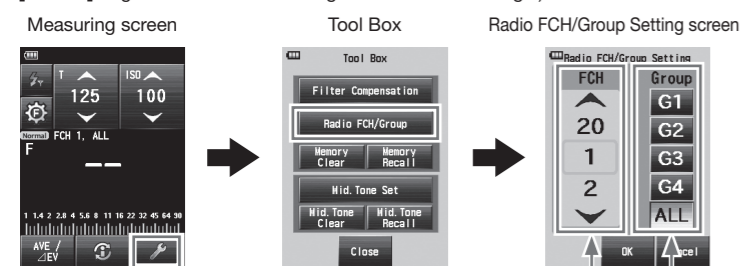
The following describes how to set the Radio Flash Mode with EL-Skyport by Elinchrom.

- 1) Touch the Measuring mode icon () at the top left of the Measuring screen and then select the Radio Flash Mode ().



The following describes how to select the channel and group for using EL-Skyport by Elinchrom.

- 1) Touch the Tool Box icon () at the bottom right of the Measuring screen to display the Tool Box screen.
 - 2) Touch the [Radio FCH/Group] button to display the Radio FCH/Group Setting screen.
 - 3) Touch the arrows ▲/▼ or slide your finger over the screen to select a FCH (frequency channel) from 1 to 20.
 - 4) Touch one of the Group buttons (G1, G2, G3 or G4) or ALL button to select the flash group you want to use.
- * Group to use can be selected from Power Control screen as well.



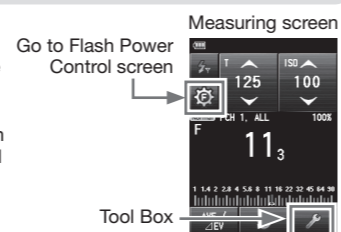
* See more details for EL-Skyport system by Elinchrom at www.elinchrom.com

Frequency Channel Groups Numbers

12_1 Radio Flash Mode (for L-478DR-EL Series) Measuring Flash Light

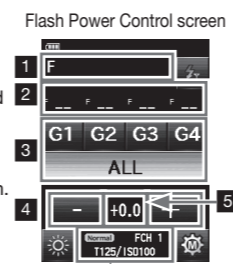
The following describes how to trigger the flash units in Radio Flash Mode.

- 1) Set the shutter speed and ISO sensitivity to use in Measuring screen.
- 2) Press the Measuring button to trigger the flash units set in advance with FCH and Group.
- 3) Select the Group to trigger from the Flash Power Control screen (See below) or Tool Box.

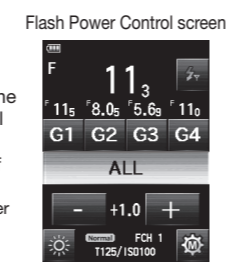


The following describes how to control the power of flash in Radio Flash Mode.

- 1) Touch the Flash Power Control icon () on the Measuring screen to display the Flash Power Control screen.
- 2) Select one of Groups (G1 to G4) and press the Measuring button to trigger the flash units for selected Group.
- 3) The measured value is displayed at the top of the screen and over the selected Group button . Press [+]/[-] button to change the power of flash. Set power level is displayed in the area of .
 - * Up to +/-9.9 step of value (f stop) can be controlled.
 - * Set power level returns to 0 (zero) when taking a new measurement, selecting another Group or turning the power off/on.
- 4) Press the Measuring button for measurement to confirm that the flash power is set to desired value.
- 5) Repeat 2) to 4) above for other Groups until each flash unit's brightness is set to proper value for the effect you want.
- 6) Select [ALL] button and press the Measuring button. Measured values of each Group will not change. The measured F number for the measured brightness of all lights will be displayed at the top of the screen .
- 7) Press [+]/[-] button to change the total power of flash units while each Group lighting ratio is kept.
 - * Press Modeling Lamp ON/OFF icon () if necessary after selecting the desired Group.
 - * To set ISO sensitivity and shutter speed, press the Radio Flash Mode icon () to go back to the Measuring screen.



Settings (EL-Skyport mode, FCH, shutter speed and ISO sensitivity)



12_2 Radio Flash Mode (for L-478DR-EL Series) Measuring Modeling Lamp

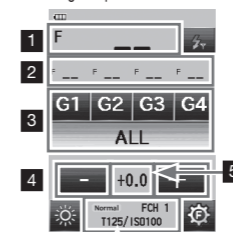
The following describes how to control the power of modeling lamp.

- 1) Press the Modeling Lamp icon () at the bottom right of the Flash Power Control screen.
 - 2) Select one of Groups (G1 to G4) and press the Modeling Lamp ON/OFF icon () to turn ON the lamp of the selected Group.
 - 3) Press the Measuring button to measure the brightness of the light(s) in the selected Group.
 - 4) The measured value is displayed at the top of the screen and over the selected Group button . Press [+]/[-] button to change the power of modeling lamp. Set power level is displayed in the area of .
- * Up to +/-9.9 step of value (f stop) can be controlled.
* Set power level returns to 0 (zero) when taking a measurement, selecting another Group or turning power off/on.
- 5) Press the Measuring button for measurement to check that the modeling lamp power is set to desired value.
 - 6) Repeat 2) to 5) above for other Groups to check that each flash unit's modeling lamp brightness is set to proper value for the effect you want.
 - 7) Select [ALL] button and press the Measuring button. Measured values of each Group are fixed to keep the lighting ratio data. The measured F number indicates the total exposure for all lights.
 - 8) Press [+]/[-] button to change the total power of modeling lamps while maintaining the established ratio.
 - * Press Modeling Lamp ON/OFF icon () if necessary after selecting the desired Group.
 - * To set ISO sensitivity and shutter speed, press the Radio Flash Mode icon () to go back to the Measuring screen.
 - * To go back to Flash Power Control screen, Touch the Flash Power Control icon ().

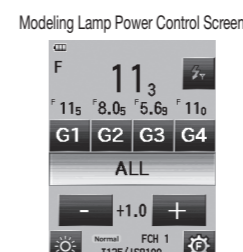
Flash Power Control screen



Modeling Lamp Power Control screen



Settings (EL-Skyport mode, FCH, shutter speed and ISO sensitivity)



* Elinchrom® is the registered trademark of Elinchrom SA.

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