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MEET Technology

Light Meter

Model No.: MS-932

Thank you for purchasing MEET Light Meter

1. Contents

- Light meter
- Operating manual

2. Introductions

This Light Meter is designed to meet the measurement requirements of safety engineers, health, industrial safety offices and light quality control in various environments like factory, school, construction stits, etc.
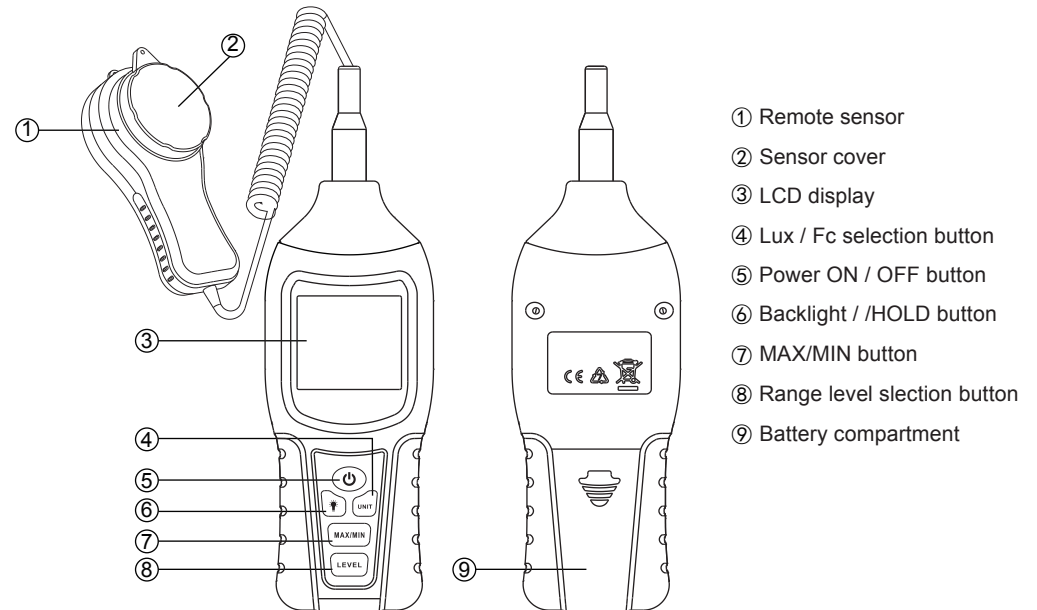
3. Advanced Features

- Measuring range: 0Lux ~ 400KLux / 0Fc ~ 40KFc (Measurement repeatability)
- Automatic measurement
- Analog bar-graph indication
- Meter corrected for spectral relative efficiency
- Automatically revise parameters for nonstandard illumination
- High accuracy and rapid response sampling time
- Selectable measuring units: Lux or Fc
- 4-level selectable measurement ranges
- Large LCD display with backlight
- Over range indication
- MAX / MIN record reading
- Enable / Disable power auto power off
- Low battery indication
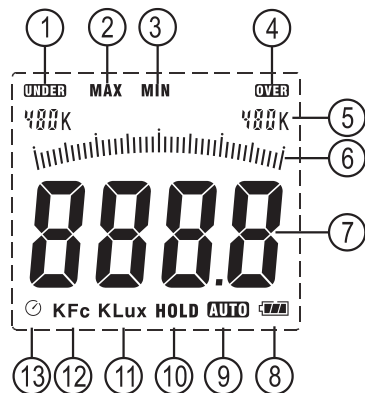- Hold / Freeze reading

4. Specifications

Display	4 digits LCD display
Measuring Range (Lux/Fc)	0~400K Lux / 0~40K Fc
Spectral response	CIE photopic (CIE human eye response curve)
Over range indication	LCD displays 'OL ' or 'LO' symbols indicates 'OVER ' or 'LO '
Spectral accuracy	CIE Vλ function(f1'≤6%,f2≤2%)
Accuracy	(<10.000Lux) ±3% rdg ±8d ; (>10.000Lux)±4%±10d
Resolution (Lux)	0.1(<1000); 1.0 (>1000)
Sampling Rate	2 / Sec.
Photo detector	Silicon photo-diode with spectral response filter
Enable / Disable Auto power off	The meter shuts off automatically after 15 minutes inactivity under auto power off mode, disable auto power off is available
Photo detector Lead Length	approx. 2.5m
Operating Condition	-20~60ºC / -4~140ºF; 10%RH~90%RH
Storage Condition	-30~60ºC / -4~140ºF; 10%RH~75%RH
Battery Powered	One 9V battery, 006P, NEDA1604 or IEC6F22
Battery Life	≥ 30 hours (Alkaline type)
Demensions (L x W x D) (approx.) mm	158x62x32
Weight (approx.) grams	258g

5. Description

① Remote sensor

② Sensor cover

③ LCD display

④ Lux / Fc selection button

⑤ Power ON / OFF button

⑥ Backlight / /HOLD button

⑦ MAX/MIN button

⑧ Range level slection button

⑨ Battery compartment
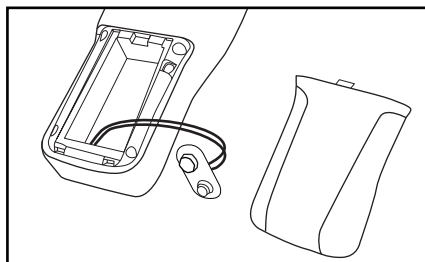
6. LCD display explaination

① Low range indication icon
② MAX icon
③ MIN icon
④ Over range indication icon
⑤ Range indication
⑥ Analog bar-graph indication
⑦ Lux/Fc readings
⑧ Low battery icon
⑨ Auto range icon
⑩ Hold / Freeze readings icon
⑪ LUX icon
⑫ FC icon
⑬ Auto power off icon

7. How to replace the battery

When the battery warning iocon '▭'
display on the LCD, Push the battery cover out
and replace 1 pc fresh 9V battery
as the correct polarity. To avoid chemical leakage
from the battery, remove the battery if you are
intended not to use the meter for a while

8. How to use

A) Power ON / OFF Function

press '⏻' button for one second, the meter will be on; keep pressing this key for approx. 3 seconds,
the meter will be off.

B) Backlight

After turning the meter on, momentarily press '💡' backlit will be on / off, it will automatically turn off
after approx. 30 seconds of inactivity.

C) Data Hold

Press '💡' button one time, "HOLD" icon will appear on the LCD, which indicates the data is freezed.
To release the held reading, press the button '💡' again.

D) Fc / Lux Selection

Press the 'UNIT' button to select Fc units or Lux units.

E) MAX/MIN

In the measurement mode, press ' MAX/MIN ' button one time, ' MAX ' icon will appear on the LCD
to view the current MAX reading, press the button again, "MIN" icon will appear to view the current
MIN reading. Press this button once more to exit the ' MAX/MIN ' mode.
Press ' MAX/MIN ' button for 3 seconds above, re-start to calculate the maximum or minimum.

F) Range selection

Press ' LEVEL ' button to select the range level, there are four selectable levels : 0~400Lux
400 ~ 4KLux;
4k ~ 40KLux
40 ~ 400KLux;
AUTO : 0~ 400KLux;

9. Notes

A) This meter has already been calibrated before delivery. Do not revise the calibration parameters
without professional personnel and device.
☞ All products are well calibrated before delivery.Recommended recalibration at 1 year intervals.
B) Repairs or servicing not covered in this manual should only be performed by qualified personnel.
C) Wipe the unit with a dry soft cloth periodically. Do not use abrasives or solvents on this instrument.
D) Remove the battery when the meter is to be stored for long periods of time to avoid battery leakage.
E) When the battery is low, LCD display " ▭ " a new battery is needed to replace.
F) Do not store or operate the meter in high temperature or humidity.
G) Check whether the photo detector is well connected with the photo detector socket before
measurement.
H) When manual range is needed, press "LEVEL" key to select the desired range, if "UNDER" or "OVER"
icon appears on the LCD, which indicates incorrect range and need to select again.