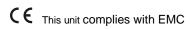
#### **Operation Instructions**

- · · · ·	
Power on/off:	Press" to power the meter on/off.
Data Hold:	Whilst in measurement mode, press "woo", the LCD display will clearly
HOLD	display "HOLD" which indicates the data is frozen, to release the held
	reading. Press the "" button again the release the reading.
MAX/MIN:	Whilst in measurement mode, press", to cycle through the maximum
MIN	or minimum recorded light levels. The LCD display will clearly display
	"MAX", or "MIN" to indicate the displayed value. Press and hold "" to
	exit MIN/MAX mode and return to normal measurement mode.
Lux / Fc:	With the meter turned on, press "" to toggle between measurement
FC	units, Lux and Foot-candles.
°C / °F Mode:	Whilst the meter is turned off, press and hold "and press "o". The
HOLD	unit will power on with the temperature unit (°C/°F) toggled.
Auto Power Off	Whilst the meter is turned off, press and hold " and press " . The
(L)	unit will turn on with the auto power off feature toggled off.
ريني ال	Note: If the O icon is displayed, the auto power off feature is enabled.

#### **Additional Notes**

- 1) Recommended recalibration cycle: 1 year.
- 2) Remove the battery when the meter is to be stored for long periods of time to avoid battery leakage.
- When the battery is low, the low battery indicator will appear.
   A new battery is needed.
- 4) Do not store or operate the meter in high temperature or humidity.





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# MINI COLOUR LCD LIGHT METER MT-912 USER MANUAL

### **Important Safety Notice**

Read the following safety information carefully before attempting to operate or service the meter. Use the meter only as specified in this manual; otherwise, the protection provided by the meter may be impaired.

Environmental Operating Conditions				
Humidity:	≤ 90% RH (Non-condensation)			
Operating temperature:	-20 to 60°C / -4 to140°F			
Maintenance				
Repairs or servicing not covered in this manual should only be performed by qualified				
personnel.				
Wipe the unit with a dry soft cloth. Do not use abrasives or solvents on this instrument.				

# **Application**

This Light Meter is designed to meet the measurement requirements of safety Engineers, Health & Safety practices and Sound Quality Control in environments such as factories, schools, construction, etc.

#### **Features**

- High accuracy, fast response
- Color LCD display with backlight
- Temperature measurement
- Min / Max Memory
- Data Hold

- Automatically revise parameters for nonstandard illumination
- Selectable measurement units LUX/FC
- Enable / Disable auto power off
- Low battery indication

# **Specification**

Display	4 digits color LCD display
Measuring range	0 Lux to 200K Lux, 0Fc to 20K Fc
Resolution	<1000:0.1; >1000:1
Spectral response	CIE photopic (CIE human eye response curve)
Over range indication	LCD displays "-OL-" or "-LO-"
Spectral accuracy	CIE Vλfunction(f1'≦6%, f2'≦ 2%)
Accuracy	±3% rdg±8 d (<10,000Lux), ±4% rdg±10d (>10,000Lux)
Sampling rate	500ms
Photo detector	Silicon photo-diode with spectral response filter
Battery life	at least 60 hours
Enable/Disable	The meter shuts off automatically after 15 minutes of inactivity.
Auto power off	Auto power off can be disabled
Operating conditions	Temperature:-20 to 60°C, -4 to 140°F Humidity: 10% to 90% RH
Storage conditions	Temperature:-20 to 60°C, -4 to 140°F Humidity: 10% to 75% RH
Power supply	3 x 1.5V "AAA" batteries
Dimension(L*W*H)	174.5 x 56 x 30.5mm
Weight	84g

#### **Meter Description**

- 1. Photo detector
- 2. LCD display
- 3. Hold button
- 4. Power ON/OFF button
- 5. MAX/MIN button
- 6. Fc/Lux button
- 7. Battery compartment
- 8. Nameplate

# **LCD Display Description**

- 1. Hold icon
- 2. Auto power off Icon
- 3. Temperature readings
- 4. Light readings
- 5. Illuminance units Icon
- 6. Temperature unit Icon
- 7. Low battery indication
- 8. MAX/MIN icon

#### Accessories:

- User Manual
- 2. 3 x 1.5V AAA Battery

