Operation Instructions

Power on/off:	Press" ⏻ " to power the meter on/off.
Data Hold: HOLD	Whilst in measurement mode, press " HOLD ", the LCD display will clearly display "HOLD" which indicates the data is frozen, to release the held reading. Press the " HOLD " button again the release the reading.
MAX/MIN: MIN MAX	Whilst in measurement mode, press" MIN MAX ", to cycle through the maximum or minimum recorded light levels. The LCD display will clearly display "MAX", or "MIN" to indicate the displayed value. Press and hold " MIN MAX " to exit MIN/MAX mode and return to normal measurement mode.
Lux / Fc: FC LUX	With the meter turned on, press " FC LUX " to toggle between measurement units, Lux and Foot-candles.
°C / °F Mode: HOLD ⏻	Whilst the meter is turned off, press and hold " HOLD " and press " ⏻ ". The unit will power on with the temperature unit (°C/°F) toggled.
Auto Power Off FC LUX ⏻	Whilst the meter is turned off, press and hold " FC LUX " and press " ⏻ ". The unit will turn on with the auto power off feature toggled off. **Note:** If the ⌚ 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.
3) 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.
5) Wind blowing across the microphone increases the noise measurement. Use the supplied windscreen to cover the microphone when appliance.
6) Keep the microphone dry and avoid severe vibration.

CE This unit complies with EMC

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UNIT 22 Tournament Way, Ashby-De-La-Zouch, Leicestershire, LE65 2UU

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 Auto power off	The meter shuts off automatically after 15 minutes of inactivity. 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：

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