Operation Instructions

| Power on/off: | Press" o" to power the meter on/off. |
|----------------|--|
| Data Hold: | Whilst in measurement mode, press ", the LCD display will clearly |
| HOLD | display "HOLD" which indicates the data is frozen, to release the held |
| | reading. Press the "www" button again the release the reading. |
| MAX/MIN: | Whilst in measurement mode, press ", to cycle through the maximum |
| MIN | or minimum recorded sound 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. |
| Fast/Slow: | With the meter turned on, press "FAST" to select Fast (1 measurement per |
| FAST | 125ms) or Slow(1 measurement per second) time weighting |
| | measurement. |
| °C / °F Mode: | Whilst the meter is turned off, press and hold "woo" 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 |
| MIN | unit will turn on with the auto power off feature toggled. |
| | Note: If the \bigcirc icon is displayed, the auto power off feature is enabled. |

Additional Notes

- 1) Recommended recalibration cycle: 1 year.
- 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.
- 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.

C € This unit complies with EMC



THE ONE STOP INSTRUMENT SHOP

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MINI COLOUR LCD SOUND LEVEL METER MT-911A 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 Sound Level 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.

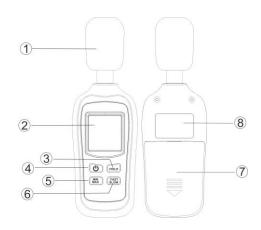
Features

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

- Wide frequency range
- Fast/slow time weighting
- Over range indication
- Enable / Disable auto power off

Meter Description

- 1. Windscreen microphone cover
- 2. LCD Display
- 3. Hold button
- 4. Power on/off button
- 5. MAX/MIN
- 6. Fast/ Slow selection key
- 7. Battery compartment
- 8. Nameplate



Specification

| Measurement Range | 35dB to 135dB |
|-----------------------------|--|
| Dynamic range | 50dB |
| Frequency range | 31.5Hz - 8KHz |
| Accuracy | ±2.0dB |
| Frequency weighting | A frequency weighting |
| Time weighting | FAST: 125ms / SLOW: 1s |
| Microphone | 1/2 inch electrets condenser microphone |
| High/low reading indication | > 100dB, LCD displays "Hi" |
| | < 100dB, LCD displays "LO" |
| Temperature range | -20°C to 70°C / -4°F to 158°F |
| Temperature accuracy | ±1°C / 2.7°F |
| Resolution | 0.1 |
| Data update | 300ms |
| Battery life | at least 60 hours |
| Enable/Disable | The meter shuts off automatically after 15 minutes of inactivity |
| Auto power off | Auto power off mode can be disabled |
| Battery | 3 x 1.5V "AAA" batteries |
| Operating conditions | -20°C to 60°C /-4°F to 140°F,10%RH to 90 RH% |
| Storage conditions | -20°C to 60°C /-4°F to 140°F,10%RH to 75 RH% |
| Dimensions | 144 x 56 x 30.5mm |
| Weight | 73g |

LCD Display Description

- 1. Data hold Icon
- 2. Auto power off Icon
- 3. Temperature readings
- 4. Sound level readings
- 5. Fast/Slow Icon
- 6. Hi/Lo Icon
- 7. Frequency weighting Icon
- 8. Temperature unit Icon
- 9. Low battery Icon
- 10. MAX/MIN Icon

Accessories:

- 1. User Manual
- 2. 3 x 1.5V AAA Battery
- 3. Foam Wind Muffler

