

the LCD and the current displayed value will be frozen. To return from the held reading, press the button again.

**Max/Min:** Press and hold the Max/Min button for at least 3 seconds until "MAX" icon appears on the LCD to view the current Max reading. To view the current Min reading, press the button again and the "MIN" icon will appear. To exit the Max/Min mode, press and hold the Max/Min button for 3 seconds.

The meter will conduct measurement and select measurement range automatically.

The measuring level range is from 30dB to 130dB.

Hold the meter in hand or use a tripod to affix the meter in the desired location.

The best measuring distance is 1 to 1.5m away from the sound source to the microphone.

### 8. Operation Precautions

- 1) Do not store or operate the meter in areas of high temperature or humidity.
- 2) Remove the battery when the meter is to be stored for long periods of time to avoid battery leakage.
- 3) Wind blowing across the microphone will affect the noise measurement. Use the supplied wind muffler to cover the microphone during applications involving turbulent air.
- 4) Keep microphone dry and avoid severe vibration.

### 9. Calibration

Repairs, servicing and calibration should only be performed by York Survey Supply Centre. The recommended calibration period is 1 year.

# YORK Survey Supply

## Mini Sound Level Meter



## Operating Instructions



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# Mini Sound Level Meter

## User Manual

Please read this user manual thoroughly before using this unit and keep it for your future reference.

### 1. Safety

Read the following safety information carefully before attempting to operate the meter. Use the meter only as specified in this manual; otherwise, the warranty may be invalidated.

#### • Environment Conditions:

- Altitude up to 2000 metres
- RH<90% (Non-condensation)
- Operating temperature: -20 ~ 60°C

#### • Maintenance:

- Repairs or servicing should only be performed by York Survey Supply Centre.
- Wipe the unit with a dry soft cloth. Do not use abrasives or solvents on this instrument.

Complies with EMC.

### 2. Introduction

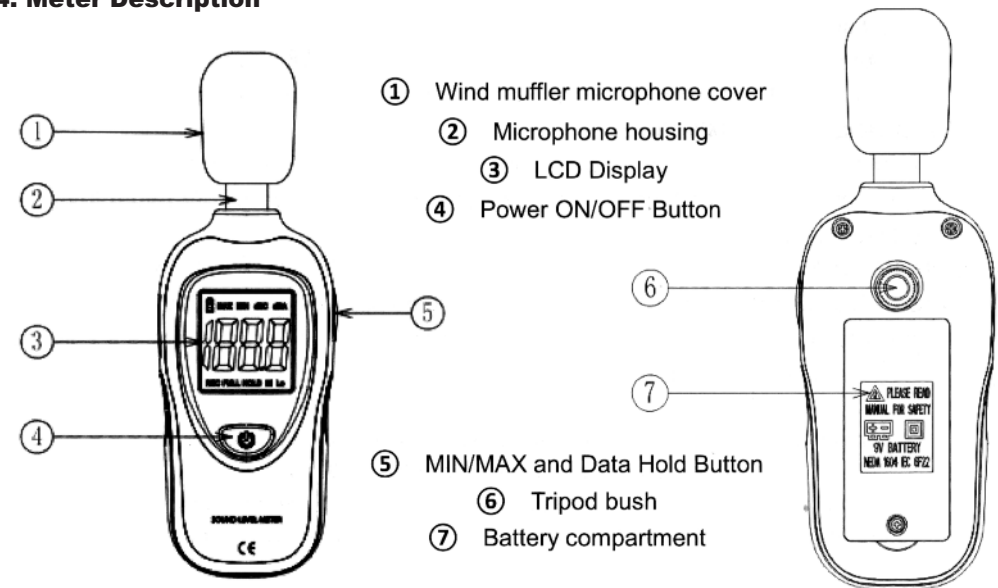
This sound level meter is designed to meet the measurement requirements of safety engineers, health, industrial safety offices and sound quality control in various environments like factories, schools, construction sites, etc.

- Complies with IEC61672-1 Class 2 standard
- “A” frequency rating
- Data hold
- Max/Min measured values

### 3. Specifications

<b>Applied standard</b>	IEC61672-1 Class 2	<b>Max hold</b>	MAX
<b>Accuracy</b>	±1.4dB	<b>Min hold</b>	MIN
<b>Frequency range</b>	31.5Hz to 8,000Hz	<b>Data hold</b>	HOLD
<b>Measuring range</b>	30dB to 130dB	<b>Display</b>	3½ digits
<b>Frequency weighting</b>	dBA	<b>Battery life</b>	at least 30 hours
<b>Dynamic range</b>	50dB	<b>Operating conditions</b>	-20°C to 60°C 10%RH to 90%RH
<b>Microphone</b>	½” electret condenser	<b>Storage conditions</b>	-20°C to 60°C 10%RH to 75%RH
<b>Auto power off</b>	After approx 15 minutes of inactivity	<b>Power supply</b>	1x 9V PP3 alkaline battery
<b>Resolution</b>	0.1dB	<b>Dimensions (LxWxH)</b>	144 x 55 x 38mm
<b>Sample rate</b>	0.5 sec	<b>Weight</b>	90g

### 4. Meter Description



### 5. LCD Display Description



ICON	FUNCTION
LCD	3½ digits
MAX	Max value hold
MIN	Min value hold
dBA	“A” frequency weighting (designed to reflect the response of the human ear to noise)
HOLD	Data hold
	Low battery indication

### 6. Basic Operation

- Open the battery cover and install a 9 volt battery in the battery compartment.
- Close the battery compartment
- When the low battery icon appears, replace the battery.

### 7. Operation Instructions

#### 1) Backlight & Power On/Off Function

**Power On:** To turn the meter on, press the power button for 1 second until the LCD is lit, then release the button.

**Power Off:** To turn the meter off, press and hold the power button for approx. 3 seconds until the LCD switches off, then release the button.

**Backlight:** After turning the meter on, momentarily press the power button and the backlight will turn on/off. It will automatically turn off after approx. 30 seconds of inactivity.

#### 2) Data Hold & Max/Min Function

**Hold:** After turning the meter on, momentarily press the Max/Min button, “HOLD” will appear on