



# DT-8851

## DIGITAL SOUND LEVEL METER

This Sound Level Meter is designed for noise project; quality control; illness prevention & cure and all kinds of environmental sounds measurement. It is applied to the sounds measurement at factory; school; office; traffic access and household, etc.

- This unit confirms to the IEC61672-1 CLASS2 for Sound Level Meters.
- MAX & MIN measurements
- Over Range Display
- Under Range Display
- A & C Weighting
- FAST & SLOW Response
- Analog AC/DC outputs for connection to frequency analyzer or X-Y shaft recorder

### SPECIFICATIONS

<b>Standard Applied</b>	IEC61672 -1 CLASS2
<b>Accuracy</b>	±1.4dB
<b>Frequency Range</b>	31.5HZ~8KHZ
<b>Dynamic Range</b>	50dB
<b>Level Ranges</b>	LO :30dB~80dB
	Med : 50dB~100dB
	Hi : 80dB~130dB
	Auto : 30dB~130dB
<b>Frequency Weighting</b>	A/C
<b>Time Weighting</b>	FAST (125ms ), SLOW (1s )
<b>Microphone</b>	1/2 inch electric condenser microphone
<b>Display</b>	4 digits LCD display with a resolution of 0.1dB
<b>Display Update</b>	2 times/sec.
<b>MAX HOLD</b>	Hold the Maximum reading
<b>MIN HOLD</b>	Hold the Minimum reading
<b>HOLD</b>	Hold the reading
<b>Alarm Function</b>	"OVER" is when input is more than upper limit of range.
	"UNDER" is when input is less than lower limit of range.

<b>Analog Output</b>	AC/DC outputs from earphone outlet AC=1V RMS, DC=10mV/dB
<b>Data Output</b>	USB data traffic
<b>Auto Power OFF</b>	Meter automatically shuts down after approx. 15 minutes of inactivity.
<b>Power Supply</b>	One 9V Battery, 006P or NEDA1604 or IEC 6F22.
<b>Power Life</b>	About 30 hours
<b>Operation Temperature and Humidity</b>	0°C~40°C, 10%RH~90%RH
<b>Storage Temperature and Humidity</b>	-10°C~+60°C%10%RH~75%RH
<b>Dimension</b>	278 (L) x 76 (W) x 50 (H) mm
<b>Weight</b>	350g

### ACCESSORIES

Instruction Manual, Battery, Screwdriver, 3.5mm Earphone plug, Windscreen, Software, USB Cable, Tripod and DC 9V Power Supply