



## Features

- MAX / MIN measurements
- Overrange display
- A & C Weighting
- FAST & SLOW response
- Analog AC/DC outputs for connection to frequency analyzer or X-Y shaft recorder
- Datalogger function
- Adjustable Alarm-Levels
- Memory for 32700 reading

## Description

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

## Specifications

Standard applied	IEC61672-1 Class 2
Accuracy	±1.4dB
Frequency range	31.5Hz to 8kHz
Dynamic range	50dB
Memory	32700
Level ranges	Lo: 30dB~80dB Med: 50dB~100dB Hi: 80dB~130dB Auto: 30dB~130dB
Frequency weighting	A/C
Time weighting	FAST (125ms), SLOW (1s)
Microphone	1/2 inch electret condenser microphone
Display	4 digits LCD display with a resolution of 0.1dB
Display Update	2 times/sec.
MAX hold	Hold the Maximum reading
MIN hold	Hold the Maximum reading
HOLD	Hold the readings

Alarm function	"OVER" is when input is more than upper limit of range. "UNDER" is when input is less than lower limit or range
Analog output	AC/DC outputs from earphone outlet AC=1Vrms, DC=10mV/dB
Data output	USB data traffic
Auto power off	Meter automatically shuts down after approx. 15 minutes of inactivity.
Power supply	One 9V battery, 006P or NEDA 1604 or IEC 6F22
Power life	About 30hrs
Operation temperature and humidity	0°C to 40°C, 10%RH~90%RH
Storage temperature and humidity	-10°C to 60°C, 10%RH~75%RH
Dimensions	278 (L) x 76 (W) x 50 (H) mm
Weight	350g
Warranty	03 years
Accessories	Instruction manual, battery, screwdriver, $\phi$ 3.5mm earphone plug, windscreen, software, USB cable

## Part Number Table

Description	Part Number
Digital Sound Level Meter with USB Datalog, 30dB to 130dB	MP780905

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.