Sound Level Meter w/ USB Interface

Overview
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 Readings
Level Ranges: Low: 30db to 80dB; Medium: 50db to 100dB; High: 80dB to 130dB; Auto: 30dB to 130dB
Frequency Weighting: A & C
Time Weighting: Fast: 125ms; Slow: 1s
Microphone: ½ 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 readings
Min. Hold: Hold the Minimum readings
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 of 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. 15minutes of inactivity
Power Supply: One 9V Battery, 006P or IEC 6F22 or NEDA 1604
Power Life: About 30hours
Operating Temperature: 0°C to 40°C (32°F to 104°F)
Operating Humidity: 10 to 90% RH
Storage Temperature: -10°C to 60°C (14°F to 140°F)
Storage Humidity: 10 to 75% RH
Dimensions: 278mm × 76mm × 50mm
Weight: 350g
Includes: Instruction Manual, Battery, Screwdriver, Ø3.5mm earphone plug, Windscreen, Software, USB Cable

Part Number Table

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound Level Meter, 30dB to 130dB, ±1.4dB</td>
<td>72-947</td>
</tr>
</tbody>
</table>

Important Notice: This data sheet and its contents (the “Information”) belong to the members of the Premier Farnell 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. Tenma is the registered trademark of the Group. © Premier Farnell Limited 2016.