

# Digital Sound Level Meter GM1357



## Specification

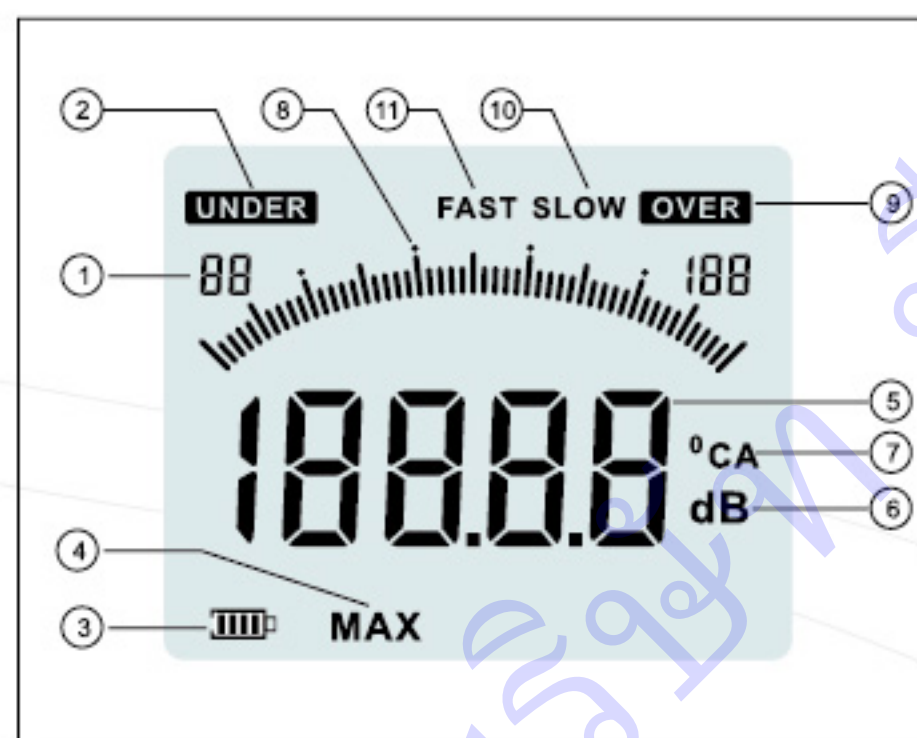
|                        |                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------|
| Measuring range        | 30~130dBA, 35~130dBC                                                                               |
| Accuracy               | ± 1.5 dB (under reference conditions)                                                              |
| Frequency range        | 31.5Hz~8.5KHz                                                                                      |
| Frequency weighting    | A & C                                                                                              |
| Digital Display        | 4digits                                                                                            |
| Sample rate            | 2 times/second                                                                                     |
| Resolution             | 0.1dB                                                                                              |
| Measuring level        | 30 to 80 , 50 to 100, 60 to 110, 80 to 130, 30 to 130                                              |
| Overload indication    | OVER / UNDER                                                                                       |
| AC signal output       | 0.707Vrms at FS output impedance approx. 600 ohm                                                   |
| Character display      | In the range of 30-130 db, scale 1 indicates 2 db while in the other range scale 1 indicates 1 db. |
| DC output              | 10mV/dB, output impedance approx. 100ohm                                                           |
| Dynamic characteristic | FAST(high speed)/SLOW(low speed)                                                                   |
| Self calibration time  | 3S                                                                                                 |
| Power supply           | 6V (4PCS 1.5V Alkline battery)                                                                     |
| Power life             | About 30 hours (alkaline battery)                                                                  |
| Maximum value holding  | MAX                                                                                                |
| Auto power off         | 10 minutes without operation                                                                       |
| Microphone             | 1/2inch polarization capacitance microphone                                                        |
| Operating condition    | 0~40°C, 10~80%RH                                                                                   |
| Storage condition      | -10~60°C, 10~70%RH                                                                                 |
| Weight                 | 244g                                                                                               |
| Dimension              | 70*35*256mm                                                                                        |

## Functions

- 1. It is designed according to the IEC651 TYPE2 & ANSI S1.4 TYPE2.
- 2. Accuracy up to +/- 1.5 dB.
- 3. Measurement range: 30-130 dB.
- 4. Mode selection between Mode A and Mode C
- 5. Fast & Slow dynamic characteristic modes.
- 6. AC/DC signal output, can be connected with the frequency analyzer or X-Y axis recorder for statistical analysis.
- 7. backlight on/off key.
- 8. Auto power off

## LCD Display

- 1. Level range.
- 2. Under range.
- 3. Low battery indication.
- 4. Maximum value is held during measuring.
- 5. Measuring value.
- 6. Measuring Unit.
- 7. Frequency weight A/C.
- 8. Character display.
- 9. Over range.
- 10. Slow time weight.
- 11. Fast time weight.



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