

# Noise Meter GT-AWA6228Plus

## Product Introduction

### Application:

The noise meter is used to measure the sound pressure level comes form sound toys in a predetermined distance, so that the possibility of hearing damage that might be caused by toys that are designed to produce sound can be minimized.

### Standards:

EN-71-1 section 8.28  
ISO 8124-1section 5.25  
GB6675-2 section 5.25  
ASTM F 963 section4.5 and 8.19  
16CFR 1500 section 47

## Specimen

Close-to-the-ear toys, Table-top or floor toys, Hand-held toys, Toys using headphones or earphones, Rattles, Squeeze toys, Pull-along or push toys, Percussion toys, Wind toys, Cap-firing toys, Voice toys.

## Feature

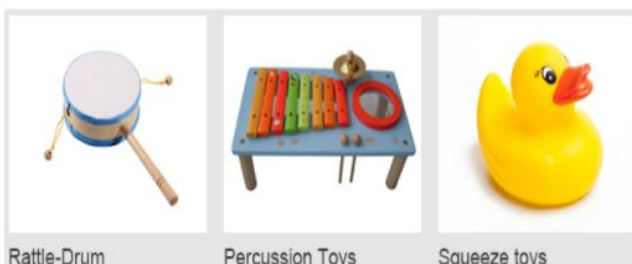
1. Digital signal processing technology, wide dynamic range, high accuracy.
2. Modular design, on-demand selection, cost-effective.
3. Wide temperature range design, operating temperature range add up to -15 °C to 50 °C.
4. In line with IEC 61672: 2002, GB / T grade 3785-2010 Class 1.

## Key Specifications

|                      |   |
|----------------------|---|
| Model                | GT-AWA6228Plus  |
| Major test index     | Lxyi, Lxyp, Lx <sub>eq</sub> , Lx <sub>max</sub> , Lx <sub>min</sub> , LxN, SD, SEL, LC <sub>peak</sub> etc<br>Ps: x is A, C, Z; y is F, S, I |
| Test Time            | Manual control, can be set arbitrarily from 1s to 99 hours or set step by step  |
| Frequency weighting  | Parallel (at the same time) A, C, Z<br>1/3 OCT with B, D, T(custom), (custom)<br>U(custom) weighting  |
| Time weighting       | Parallel (at the same time) F, S, I and Peak  |
| Frequency range      | 10 Hz ~ 20 kHz  |
| Measurement limit    | Low Range: 132 dB(A), High Range: 142 dB(A)   |
| Instrument noise     | Low Range: lower than 12 dB(A), 17 dB(C), 22dB(Z)<br>High Range: lower than 23 dB(A), 27 dB (C), 32 dB(Z)                                     |
| Accuracy             | GB/T 3785-2010/ IEC 61672-1:2013 Class 1 ;<br>GB/T 3241-2010 Class 1/<br>IEC 61260-1: 2014 Class 1  |
| Display              | 2.6inch color screen display , resolution: 240×320, rich content, backlit delay is normally open, others can set manually                     |
| Power                | Battery 4 x LR6, can working over 30 hours, can meet requirement for 24-hour continuous monitoring  |
| Dimensions           | 260 mm x 80 mm x 30 mm  |
| Weight               | 0.35kg  |
| Optional accessories | GT-M60 Noise testing stand<br>GT-AWA6021A Sound level calibrator  |

## Application Industry

All kinds of sound toys can be tested on the Noise Meter.



Rattle-Drum

Percussion Toys

Squeeze toys