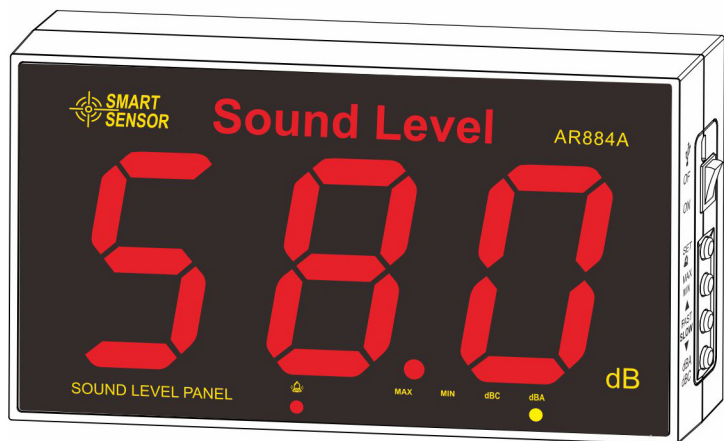




Wall mount sound level Meter User Operation Manual



1

1. Application range

Before you use this product, please go through this user manual carefully, to get the maximum performance and work in long life. This sound level meter can be apply to measure the noise level at different area, for example, in the office, home, music room, karaoke room, shopping mall etc.

2. Specification

- a) Measure range: 30-130dBA, 35-130dBC.
- b) Frequency range: 31.5Hz to 8.5KHz.
- c) Accuracy: +/-1.5dB (refer to sound calibration frequency 94dB@1KHz)
- d) Frequency Weighting: A or C weighting.
- e) Digital Display: 3 Large LED digital display
- f) Resolution: 0.1dB <100dB, 1dB >100dB.
- g) Display Mode, Fast and Slow selectable.
- h) Microphone type: Dia. 6mm ECM type
- i) Alarm Mode: Built in alarm buzzer.
- j) Operation voltage: USB DC 5V 1A
- k) Operation temperature and humidity range: 0-40 °C, 10-80% RH.
- l) Storage temperature and humidity range: 0-60 °C, 10-70%RH.

3.Outlook display

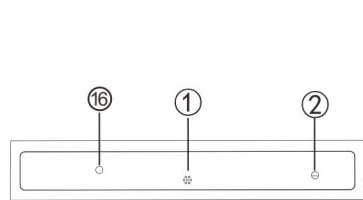


Fig. 1 (side view)

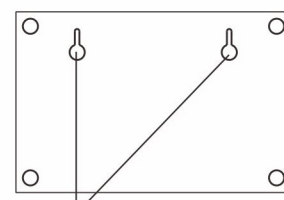
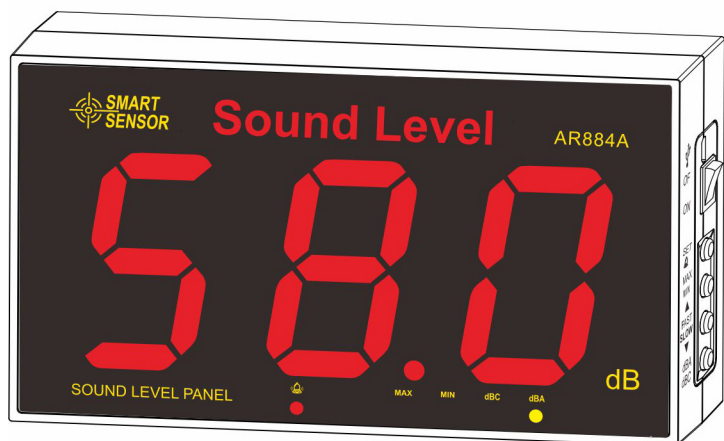


Fig. 2 (back view)

2



Wall mount sound level Meter User Operation Manual



1

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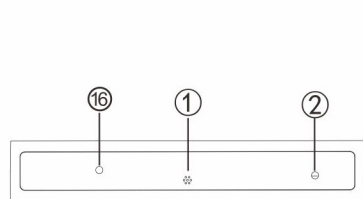


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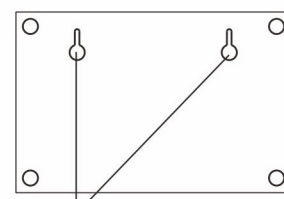


Fig. 2 (back view)

2



Fig. 3

- 1) ECM microphone
- 2) Calibration hole
- 3) Noise Level Display Area
- 4) Alarm on / off indicator
- 5) MAX: Maximum sound pressure level indicator.
- 6) MIN: Minimum sound pressure level indicator
- 7) Frequency Weighting C indicator(simulated mechanical noise)
- 8) Frequency Weighting A indicator (simulate human ear curve)
- 9) Frequency weighting (A/C) selection key
- 10) Response time (FAST/SLOW/▼) selection
- a) FAST: the response time is 125mS, most case select this mode.
- b) SLOW: the response time is 1S, it will take average value and display more stable and easy reading.
- 11) MAX/MIN / ▲ : minimum and maximum SPL level selection key, alarm sound increase (▲) key/
- 12) SET: Alarm setup key.
- 13) Power ON/Off switch
- 14) External Power input hole: for USB DC 5V 1A.
- 15) Wall Mount Holes.
- 16) Buzzer hole.

3

4. OPERATION PROCEDURE

- 1) Plug in the 5V 1AAC/DC adapter, turn the POWER ROCKER SWITCH to ON position.
- 2) The default setting is Frequency Weighting A(dBA) dBA led on) alarm on (alarm led on).
- 3) Depress "SET" key once to turn the alarm mode on /off, alarm on, alarm led light up, alarm off, led off.
- 4) Depress "SET" key more than two seconds go to alarm setup mode, that moment all digital flashing, then depress "MAX/MIN/▲" key or "FAST/SLOW/▼" key to adjust the alarm sound level to your desired value, then depress "SET" key more than two seconds to store the value and back to normal measurement mode. Flashing stop.
- 5) Depress "MAX/MIN/▲" key can select the maximum measured value or minimum measured value in sequential, the related led will turn on.
- 6) Depress "dBA/dBC" key can select the frequency Weighting A or C in sequential, related led turn on
- 7) Depress " FAST/SLOW/▼" key can selected fast response or slow response in sequential.
- 8) When alarm is set to "ON" and the real time measurement is reach the alarm level, the buzzer will sound on for three seconds, that moment led keep flashing & hold the value for 3 seconds then back to normal mode.

5. IMPORTANT NOTICE

1. Do not operate the unit at high temperature and high humidity environment.
2. Please make sure the environment noise level must be lower than the measured subject's sound level.
3. Operation environmental condition:
Below 2000 meter in Height, Humidity <80%RH, Temperature from 0 to 40 °C. indoor use only.

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