

## Important! Changes to the manual.



The following additional features are now also included in the Acoustimeter AM11:

- Peak OLED display readings can now be in V/m or  $\mu\text{W}/\text{m}^2$  (selected in the options menu)
- The maximum screen readings have been increased to 10 V/m and 250000  $\mu\text{W}/\text{m}^2$
- The minimum reading for the Average power flux density has been decreased to 0.1  $\mu\text{W}/\text{m}^2$
- There is a 3.5mm Stereo audio socket which outputs the demodulated RF audio. It is located on the side of the instrument.

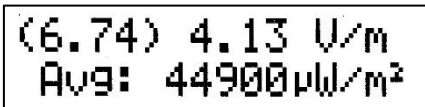
To change AM11 options, hold down the “**CLEAR (PEAK)**” button when turning on the instrument, and it will display the configuration options.

To choose an option, use the “+” and “-” buttons.

To select and save a setting, press “**CLEAR (PEAK)**”

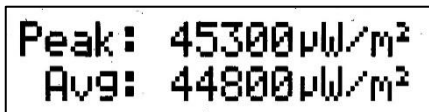
There are now three options for displaying peak units on the OLED display. The options are:

*V/m Peak Hold  
and Peak  
(Default)*



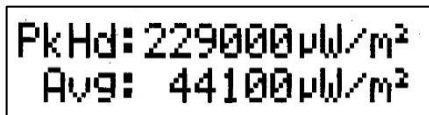
(6.74) 4.13 V/m  
Avg: 44900  $\mu\text{W}/\text{m}^2$

*Peak in  $\mu\text{W}/\text{m}^2$*



Peak: 45300  $\mu\text{W}/\text{m}^2$   
Avg: 44800  $\mu\text{W}/\text{m}^2$

*Peak Hold  
in  $\mu\text{W}/\text{m}^2$*



PkHd: 229000  $\mu\text{W}/\text{m}^2$   
Avg: 44100  $\mu\text{W}/\text{m}^2$

To measure, turn the instrument off and on again.

## **The configuration options are:**

### **“Change Auto-off”:**

This setting changes the time-period before the instrument turns itself off to save battery. Options are: Disabled, 2 minutes, 4 minutes, 8 minutes (Default), 15 minutes, or 30 minutes.

### **“Change Pk Units”:**

This changes the unit used to display the Peak readings (upper line of OLED). Options are:

**Peak & Hold V/m** (Default)

**Peak  $\mu\text{W}/\text{m}^2$**  This will display peak in  $\mu\text{W}/\text{m}^2$

**(Pk Hold)  $\mu\text{W}/\text{m}^2$**  This displays Peak Hold value

### **“Check FW version”:**

This will display the instrument firmware version, in case of warranty repairs.

### **“Save & turn off”:**

This will turn the instrument off. When you start the instrument again, the changes will have taken effect.

More detail on the other changes:

The **maximum displayed readings** have been increased up to **10.0 V/m** and **250,000  $\mu\text{W}/\text{m}^2$** , this supersedes the 6 V/m and 100,000  $\mu\text{W}/\text{m}^2$  printed in the main manual.

The **minimum Average reading** has been decreased to **0.1  $\mu\text{W}/\text{m}^2$** .

This allows the AM11 to be used to find "safe" areas using the BauBiology (Building Biology) standards.

A **3.5mm stereo audio Jack** is located on the left side of the instrument. This can be used for listening with headphones, or for recording the audio output for analysis or identification.

When the audio socket is in use, the speaker will be disabled. When nothing is plugged into the socket, the speaker will work as normal.

These apply to all new AM11s from May 2021.

