What you see in the CSV file for the Noise Guide

Ver.5 06.03.2018

When you open your Noise Guide measurements as CSV files, you can see the full picture of what is being measured.

	A	B	C	D	E	F	G	H	I	J
1	Date	Time	Ms	LAF	LAeq1s	LAS	LCpeak	LAeq15	LAeq30	LAeq60
2	07-09-2016	15:02:05	369	26.2	26.5	28.7	63.1	65.3	21	21
3	07-09-2016	15:02:05	494	53.7	45.6					
4	07-09-2016	15:02:05	619	58.8	51.9					
5	07-09-2016	15:02:05	744	57.8	51.9					
6	07-09-2016	15:02:05	869	53.6	51.9					
7	07-09-2016	15:02:05	994	49.2	51.9					
8	07-09-2016	15:02:06	119	45	51.9					
9	07-09-2016	15:02:06	244	40.8	51.9					
10	07-09-2016	15:02:06	369	36.7	51.9	51.5	75.2			
11	07-09-2016	15:02:06	494	33.1	50.8					
12	07-09-2016	15:02:06	619	30.2	32.9					
13	07-09-2016	15:02:06	744	28.4	27.5					
14	07-09-2016	15:02:06	869	27.7	27.3					
15	07-09-2016	15:02:06	994	26.9	27					
16	07-09-2016	15:02:07	119	26.7	26.7					
17	07-09-2016	15:02:07	244	26.6	26.7					
18	07-09-2016	15:02:07	369	26.6	26.7	49.9	54.4			
19	07-09-2016	15:02:07	494	26.7	26.7					

Date

Shows the date of the measurement

Time

Shows what time the Noise Guide has measured

Ms

Milliseconds. The Noise Guide measures 8 times per second.

As you can see on the right, the time shows 15:02:06 and then it measures the milliseconds within that second.

- 119
- 244
- 369
- 494
- 619
- 744
- 869
- 994

016	15:02:05	744
016	15:02:05	869
016	15:02:05	994
016	15:02:06	119
016	15:02:06	244
016	15:02:06	369
016	15:02:06	494
016	15:02:06	619
016	15:02:06	744
016	15:02:06	869
016	15:02:06	994
016	15:02:07	119
016	15:02:07	244
016	15:02:07	369

LAF

LAF is an A-weighted **fast** measurement. Fast means that it measures 8 times a second.

A-weighting: The A-weighting filter covers the full audio range - 20 Hz to 20 kHz and the shape is similar to the response of the human ear at the lower levels.

Low Frequency Noise, which disturbs many people, is suppressed by A weighted meters' measurements.

LAeq1s

LAeq1s is the a-weighted average that has been measured over the last second.

LAS

LAS is an A-weighted **slow** measurement. Slow means that it measures 1 time a second

LC-peak

Shows the C-weighted peak noise within the latest second.

C-weighting: a standard frequency weighting for sound level meters, commonly used for higher level measurements and Peak - Sound Pressure Levels.

LAeq15

LAeq15 is the a-weighted average that has been measured over the last 15 minutes.

LAeq60

LAeq60 is the a-weighted average that has been measured over the last hour.

NOTE! You only get the full resolution LAS and LC-peak measurements if you have a USB key inserted in the Noise Guide to collect measurements.

SOURCE: http://www.acoustic-glossary.co.uk/sound-pressure.htm