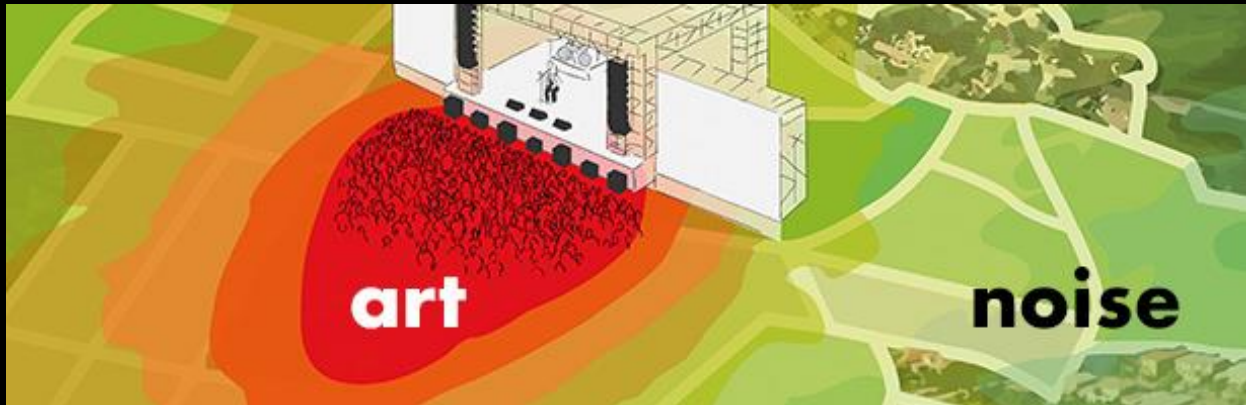


April 2020



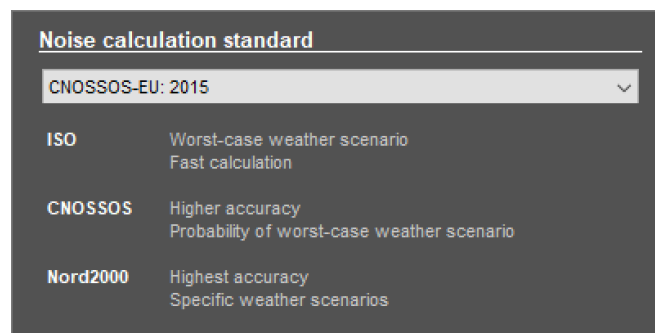
Dear Daniel,

A new version of NoizCalc is available for download: **NoizCalc 2.8**.

[download here](#)

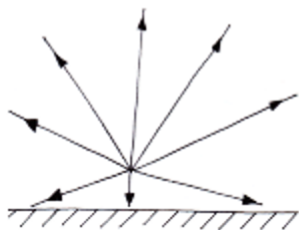
### **CNOSSOS-EU – a new noise calculation standard.**

In addition to the two noise calculation standards ISO 9613-2: 1996 and Nord2000, NoizCalc 2.8 features CNOSSOS-EU: 2015, which stands for *Common Noise Assessment Methods in Europe*. It provides a common basis for noise predictions for European member states.



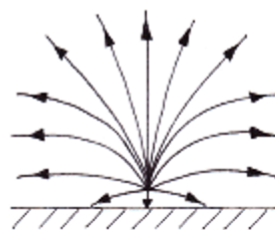
Calculations with CNOSSOS-EU are slightly more advanced than with ISO 9613-2, thus providing higher accuracy. Furthermore, where ISO only considers the scenario of preferable weather conditions for sound propagation (constitutes worst-case noise scenario regarding meteorology), CNOSSOS-EU simultaneously calculates a second set of attenuation factors for a homogeneous atmosphere. The two scenarios are then “mixed” according to a user definable probability of favorable weather conditions  $p_{Fav}$  (= “how much worst-case”).

## Homogeneous atmosphere



no wind, no vertical temperature gradient  
(less noise)

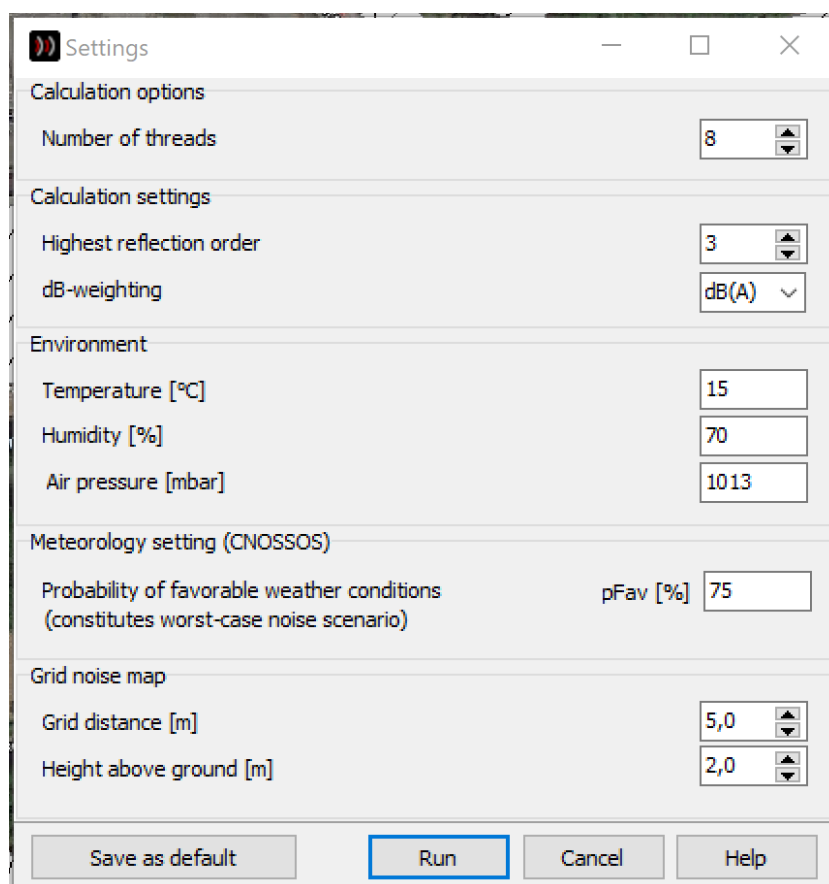
## Favorable weather conditions for sound propagation



downwind and/or temperature inversion  
(more noise)

0% .....  $p_{Fav}$  ..... 100%

### Meteorology setting (CNOSSOS) $p_{Fav}$ [%] in the calculation settings



### Revised Technical white paper.

Further information on CNOSSOS-EU can be found in the new version of the [Technical white paper](#).

### Technical updates, changes and bug fixes.

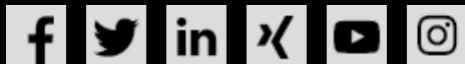
- Support of ArrayCalc V10.12 files, including KSLSUB loudspeaker and new combinations (e.g. stacks, extended availability of loudspeakers when a certain series is selected), etc.
- Demo project with CNOSSOS-EU added.
- New project dialog window can be cancelled now.
- Default noise standard in new project is the last one used.
- Issue with help window jumping behind main window fixed.
- Minor bugs fixed.

NoizCalc 2.8 is available for download at [dbaudio.com](https://www.dbaudio.com), alongside the d&b ArrayCalc simulation software and the R1 Remote control software. NoizCalc 2.8 can be installed parallel to previous versions.

For any questions or queries, please contact [support@dbaudio.com](mailto:support@dbaudio.com).

Kind regards,  
Your d&b team

## Follow d&b



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