New Version: NoizCalc 2.8 Update featuring CNOSSOS-EU.

NoizCalc 2.8 is available for download at **dbaudio.com**, alongside the d&b ArrayCalc simulation and the R1 Remote control software. NoizCalc 2.8 can be installed parallel to previous versions.

CNOSSOS-EU – a new noise calculation standard.

Noise calculation standard

CNOSSOS-EU: 2015

ISO	Worst-case weather scenario Fast calculation
CNOSSOS	Higher accuracy Probability of worst-case weather scenario
Nord2000	Highest accuracy Specific weather scenarios

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 pFav (= "how much worst-case").

Homogeneous atmosphere

Favorable weather conditions
for sound propagation
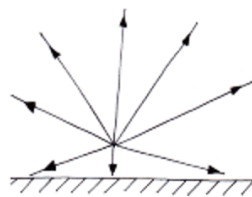
no wind, no vertical temperature gradient
(less noise)
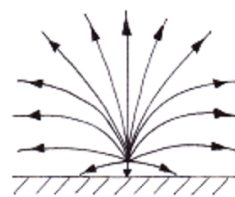
downwind and/or temperature inversion
(more noise)

$$0\% \quad \cdots\cdots\cdots \quad p_{Fav} \quad \cdots\cdots\cdots \quad 100\%$$

Meteorology setting (CNOSSOS) pFav [%] in the calculation settings
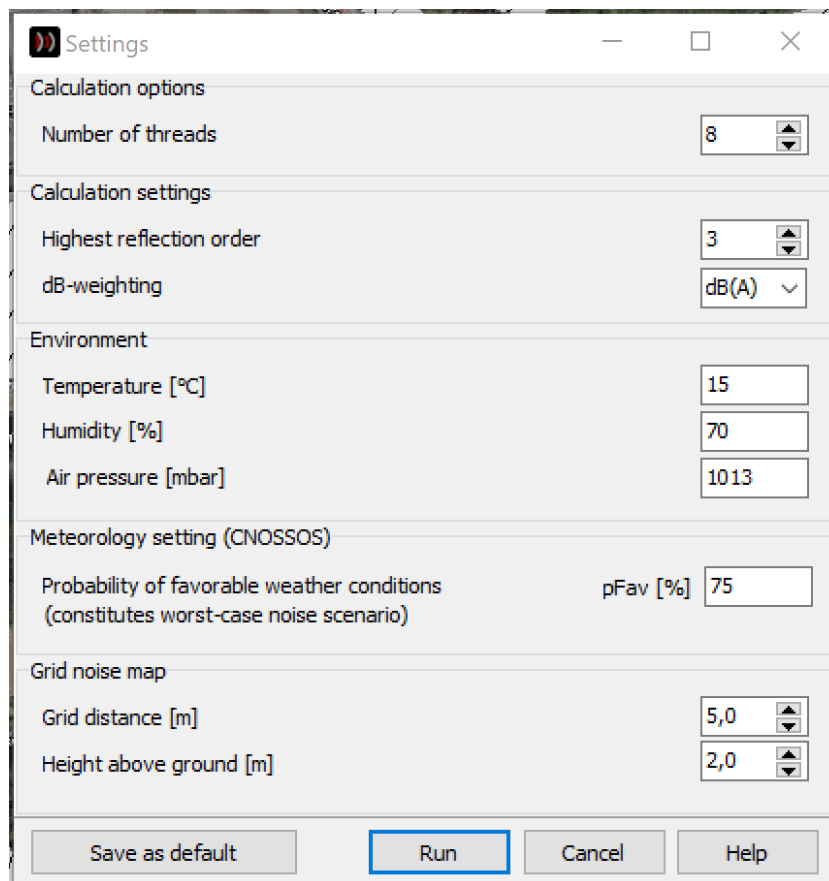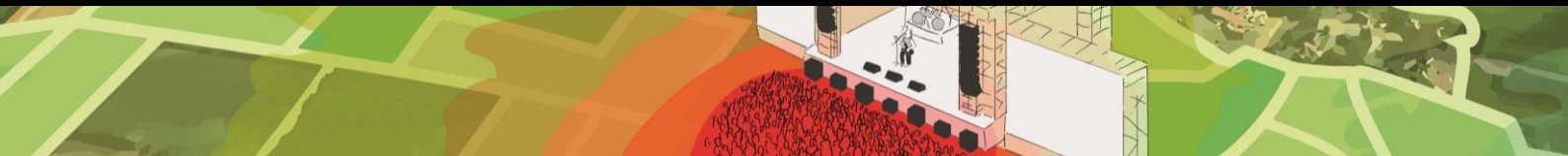
Revised Technical white paper.

Further information on CNOSSOS-EU can be found in the **Technical white paper**.

Features, technical updates, changes and bug fixes.

- Noise calculation standard CNOSSOS-EU: 2015 added.
- Support of ArrayCalc V10.12 files, including **KSL SUB** subwoofer and new combinations such as stacks and extended availability of loudspeakers within a selected series.
- Demo project with CNOSSOS-EU added.
- Default noise standard in new project is the last one used.
- New project dialog window can be cancelled now.
- Issue with help window jumping behind main window fixed.
- Various minor bug fixes and improvements.

For any questions or queries, please contact **support@dbaudio.com**.

Kind regards
Your d&b team