



ConcertControl Software

A complete system for monitoring and reporting the sound level in discotheques, concerts and at outdoor events



Photo © Heitere Openair Zofingen

- ConcertControl provides real-time monitoring of the actual sound level
- ConcertControl software works with the Norsonic Nor131 and Nor118 sound level meters
- Both instruments meet IEC 61672 class 1 (Precision) specifications
- The SLM is completely controlled by the PC
- All relevant results are continuously updated on the PC-display: Running 1 hour LAeq, 1-5 min LAeq, LAF, LMaxF
- Optional SMS at pre-selected threshold level
- Internal distance-correction allows free choice of microphone position
- All measured results are available in Microsoft Excel data format
- All results are available as graphical displays and as numerical tables
- ConcertControl is designed as a standard Windows software and follows the normal Windows user interface



The sound levels at outdoor music festivals or inside discotheques has to be controlled not only for the people living close by, but also for the people working at the event. The ConcertControl system is designed to assist promoters and enforcement agencies to control the sound level without detracting from the performance or the local environment.

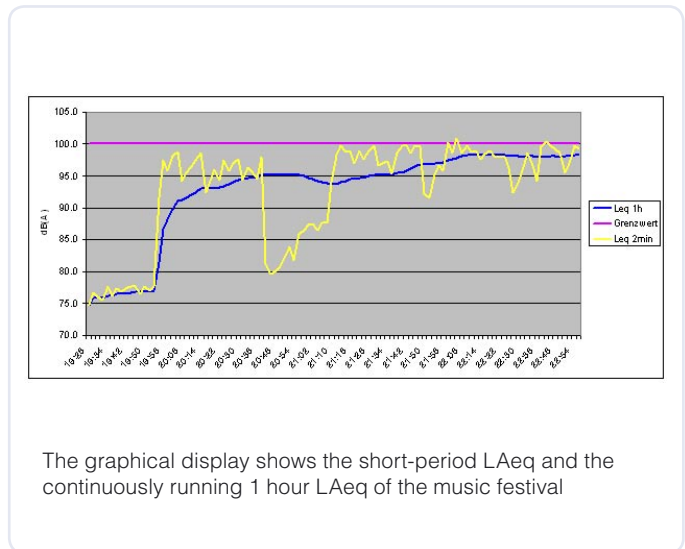
Both the festival organizer and the local authorities will by reference to the PC be continually updated on the impact of the event on the acoustic environment. The highest 1 hour LAeq is calculated and reported with its time frame. Simultaneously shown on the screen is a graphical view of the level versus time trace, including the allowed threshold level, during the entire performance.

The system additionally offers an optional feature to send an Alarm-SMS to pre-selected mobile phone numbers if and when the agreed threshold level is exceeded.

All measurement results are continuously stored in the PC. At the end of the performance, the complete measurement protocol containing all results may be printed by a simple command key. This protocol is made in Microsoft Excel format and may therefore easily be used in more extensive Word or Excel reports.



The complete kit consists of the Sound Level Meter Nor131 (alternatively the Nor118), the sound level calibrator Nor1251 and the PC-software ConcertControl..



The graphical display shows the short-period LAeq and the continuously running 1 hour LAeq of the music festival

The ConcertControl System consists of a precision sound level meter and a PC running a dedicated Windows software package. This software will control the sound level meter and shows the technicians continuously updated relevant acoustical measurement results on the PC screen. This allows the sound engineer to react immediately if the sound level is above the agreed threshold level. Additionally the running 1 hour LAeq level is continually updated; this important control parameter is not available directly from any SLM.

The software additionally helps the technician with the measurement of the level difference between the highest sound level within the concert area and the resulting sound level at the nearest noise sensitive area. This correction value is automatically reported and added to the measurement values.