



# NorConcertControl Software

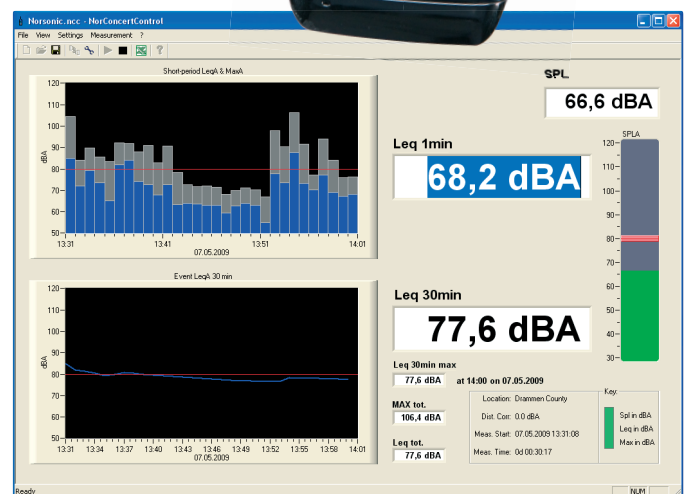
## Nor1037

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



Photo © Heitere Openair Zofingen

- NorConcertControl (Nor1037) provides real-time monitoring of the actual sound level
- NorConcertControl software works with the Norsonic Nor131, Nor132, Nor118 and Nor140 sound level meters
- The NorConcertControl system confirms to the relevant parts of the EU regulative 2003/10/EC - Noise at work, DIN 15905-5, the Swiss SLV 2007 and IEC 61672 Class 1
- The SLM is completely controlled by the PC
- All relevant results are continuously updated on the PC-display: Running 1 hour  $L_{AeqT}$ , 1-5 min  $L_{AeqT}$ ,  $L_{AF}$ ,  $L_{AFmax}$
- 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
- NorConcertControl is designed as a standard Windows software and follows the normal Windows user interface. Running with XP and Vista



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 NorConcertControl system is designed to assist promoters and enforcement agencies to control the sound level without detracting from the performance or the local environment.

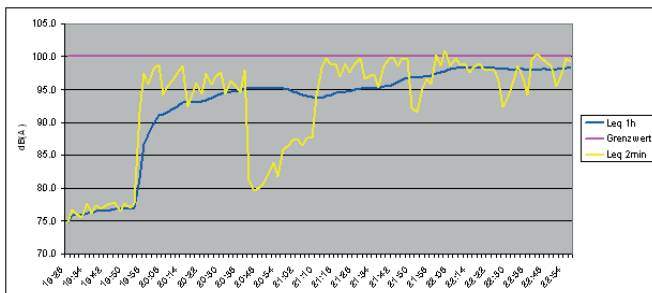
The NorConcertControl System consists of a precision sound level meter and a PC running a dedicated Windows software package. This software will control the sound level meter and shows the technicians continuously updated relevant acoustical measurement results on the PC screen. This allows the sound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

The system is easy to use and starts automatically when the PC is turned on. No knowledge of the sound level meter is needed.

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.

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  $L_{AeqT}$  is calculated and reported with its time frame (adjustable from 15 min to 1 hours). 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 graphical display shows the short-period  $L_{AeqT}$  and the continuously running 1 hour  $L_{AeqT}$  of the music festival.



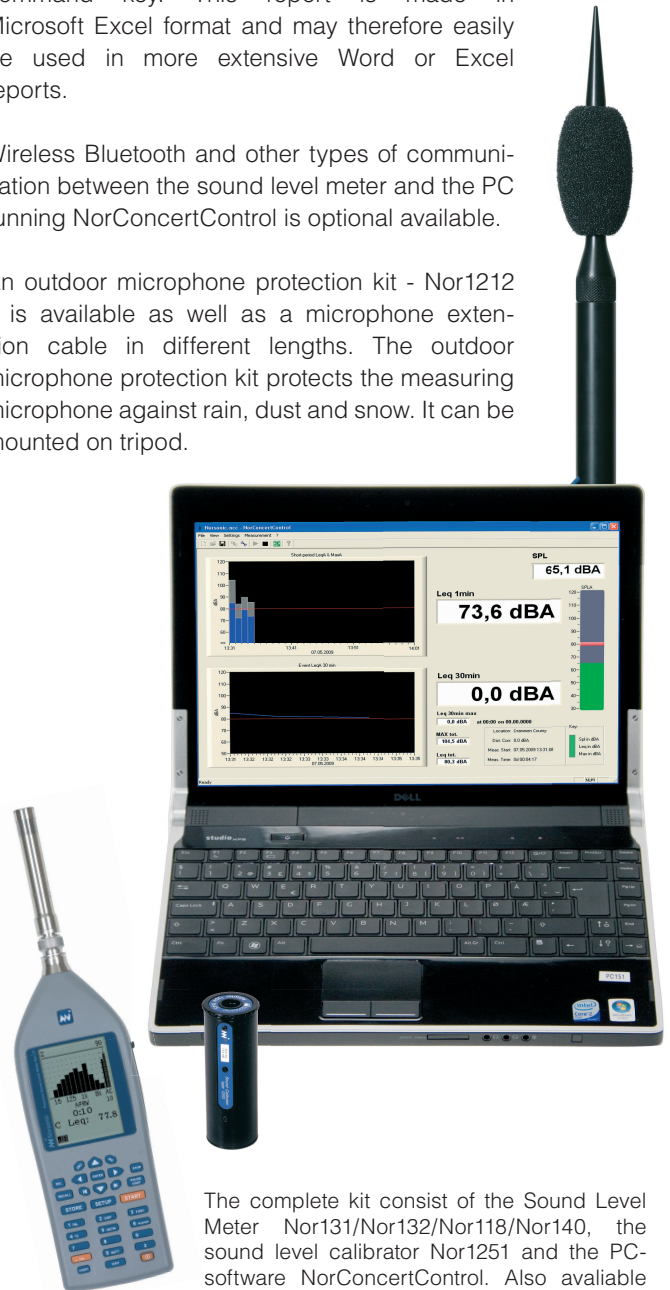
It is possible to connect an external display to show dB values together with userdefined text. Various types of displays are supported such as: EZMR-1L20C and MIGRA SC/MC5.

The system additionally offers an optional feature to send an Alarm-SMS to pre-selected mobile phone numbers if a preselected threshold is exceeded.

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

Wireless Bluetooth and other types of communication between the sound level meter and the PC running NorConcertControl is optional available.

An outdoor microphone protection kit - Nor1212 – is available as well as a microphone extension cable in different lengths. The outdoor microphone protection kit protects the measuring microphone against rain, dust and snow. It can be mounted on tripod.



The complete kit consist of the Sound Level Meter Nor131/Nor132/Nor118/Nor140, the sound level calibrator Nor1251 and the PC-software NorConcertControl. Also available is the outdoor microphone protection kit Nor1212.