# NS4 MONITOR *module*
PC based data acquisition software module

MONITOR module of Noise Studio software package allows to transform Delta Ohm sound level meters into PC based acquisition systems for long term noise monitoring and recording on Personal Computer memory. The software also captures audio signals on customizable threshold condition. This helps to identify noise events and to record them for later playback and to easily study those more annoying ones.
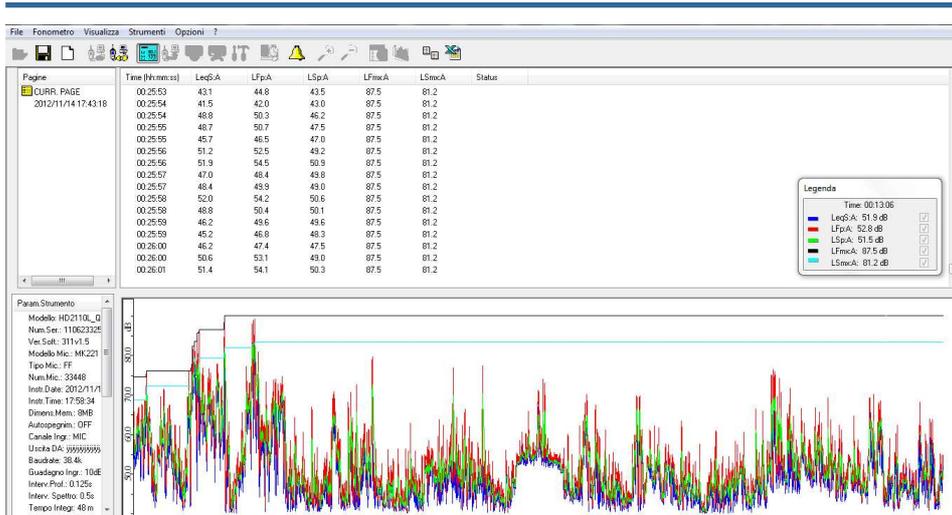
Real time acquisition window allows both monitor and recording, in graphic and numeric format. Data are acquired from one of the measuring modes (SLM, Profile, Octave or Third Octave) available on Delta Ohm sound level meters. Data storage can be either on the sound level meter's flash memory, on PC memory or on the both.
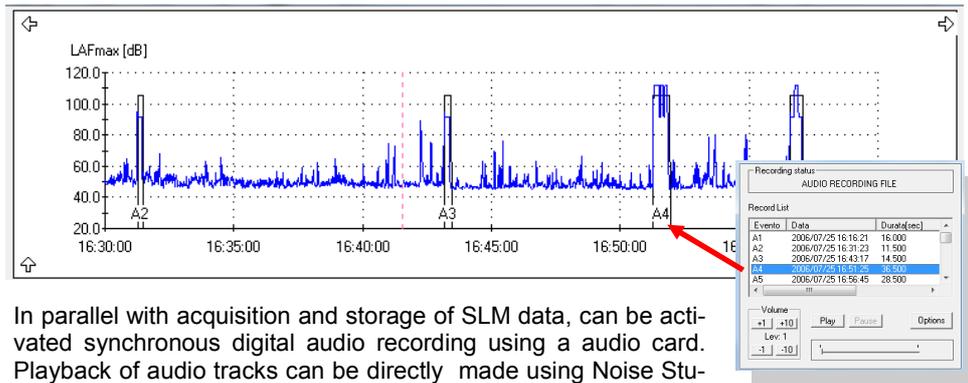
In parallel with acquisition and storage of SLM data, can be activated synchronous digital audio recording using a audio card. Playback of audio tracks can be directly made using Noise Studio interface.

Modem connection
Modem compatibility: Hayes©
Compatible Modems:
Multitech MT2834ZDX
Digicom SNM49
Digicom Botticelli
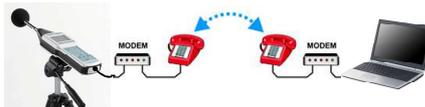
The modem models listed above have been tested by Delta Ohm. Although we can not exclude a good compatibility with other models, Delta Ohm doesn't guarantee correct operation of models other than those listed above.

Cable connection RS232 or USB

*NS4 can be used with the following models (provided that they have **Data Logging** option installed)* HD2010UC, HD2010UC/A, HD2010, HD2010RE, HD2110, HD2110L

- ♦ **PC based data acquisition**
- ♦ **Remote control**
- ♦ **RS232—Modem-USB**
- ♦ **Scheduled Acquisition**
- ♦ **Events identification**
- ♦ **Syncronous audio recording**
- ♦ **Alarm function**
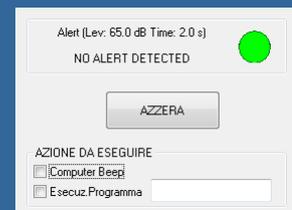
Alarm function allows to detect noise level exceedings and to activate, when exceeding appends, an alarm on PC or to execute a user selectable program.

Audio Recording function activates, when a threshold level is exceeded, audio wave signal trace recordings. Signals are sinchronous with rms data acquisition. Wave signals can be directly and easily played back using Noise Studio. Audio events can be directly recognized on the profile through specific markers (A1, A2, A3…)

Distributor

Languages: English, Italian

Software compatibility: Win98, 2000, Vista, XP, Win7 (32-64), Win8