

CEL-6813 dB23 Windows software for the CEL-400 Series of Real time analyzers

Introduction

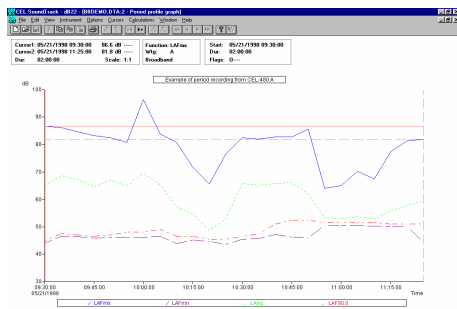
The CEL-6813 software is designed for use in conjunction with the 450 and 490 real time analyzers. The dB23 software is used to provide a download capability for the new CEL-400 analyzer family following completion of measurement Runs. Simply connect the analyzer to the serial comm. port of a standard computer running MS Windows and choose from a list of stored Runs. Files can be downloaded one at a time or in groups and saved in a data directory for further inspection and manipulation. Remote control of the meter from the pc is also available. Measurements can be inspected to recalculate results over specified intervals using cursors.

Period results and any time history profiles that may have been recorded can be viewed. Where octave or third octave band spectra have been recorded it is possible to view the records in terms of level against frequency or level against time for a chosen frequency band. Options are provided to add a title to the graphs and to alter the scale and colour schemes to personalise the displayed results as required. Run results can also be viewed as text and can be exported as simple ASCII format files to allow the data to be used in spreadsheet programs when further re-calculation or data manipulation is needed.

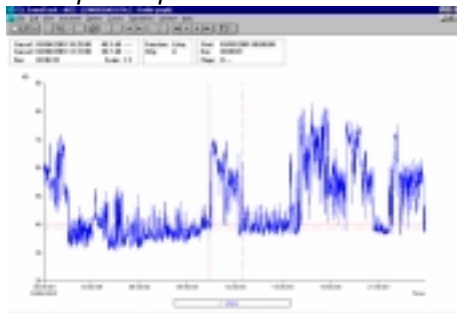
Key benefits

- Windows 98, 2000, XP compatible
- Provides download capability for the results at the end of a run
- Real time control of meter for live results on screen
- Connect up to 8 meters via modems
- Shows the noise results as graphs or text screens
- Enables noise level data to be exported to an external spreadsheet package for further recalculation
- Can be used to show broad band data and octave or third octave band results
- Changes Y axis scale and alters the colour scheme to suit user preferences
- Output to connected printer for hard copy of results

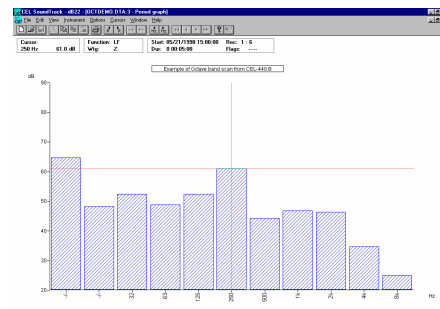
Typical examples of screen displays using dB23 software



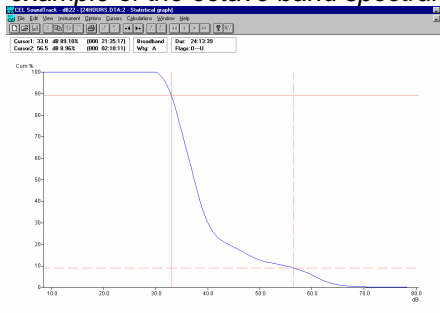
period profile result screen



time history profile in level-recorder mode



example of the octave band spectrum



statistical distribution curve of noise samples

Ordering information

CEL-6813 dB23 software supplied on two floppy disks for Windows 98 and above