

CEL-6696 dB3 Windows software for the CEL-500 Series

Introduction

The dB3 software is used to provide a download capability for the CEL-5X3 real time analyser family following completion of Fastore measurement Runs. Simply connect the instrument to the RS232 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.

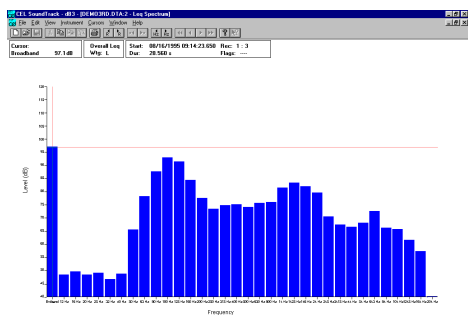
The broad band Run data can be viewed in a wide variety of ways to allow the user to inspect the measurement graphically in the form of the individual event results and the time history profiles that have been recorded.

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 any chosen band. Options are provided to calculate Leq and SEL results for any user-selected period from the profile data. Simple RT60 values can also be calculated. Run results can also be viewed as text and can be exported as ASCII *.txt format files to allow the data to be used in external spreadsheet programs when further re-calculation or data manipulation is needed. Cut and paste results to a word processor as required.

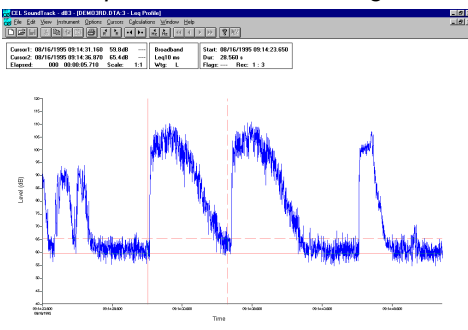
Key benefits

- Windows 3.1, 95, 98 compatible
- For the FST mode
- Provides download capability for the results at the end of a run
- Shows the noise results as graphs or text screens
- Enables profile 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
- Features a built in word processor to allow user specified hard copy output to attached printers
- Runs can be started and stopped remotely from the PC

Typical examples of on screen displays using dB3 software

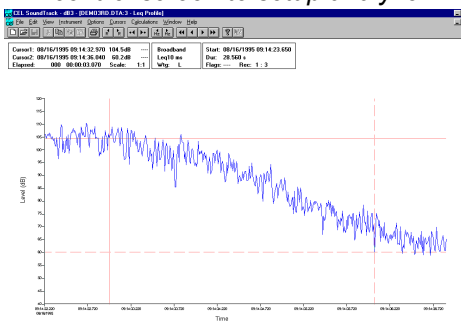


view spectral results as histograms



view time history profiles in level-recorder mode

control screen to setup analyzer



zoom into area of interest

Ordering information

CEL-6696 dB3 software supplied on two floppy disks for Windows 3.1 and above