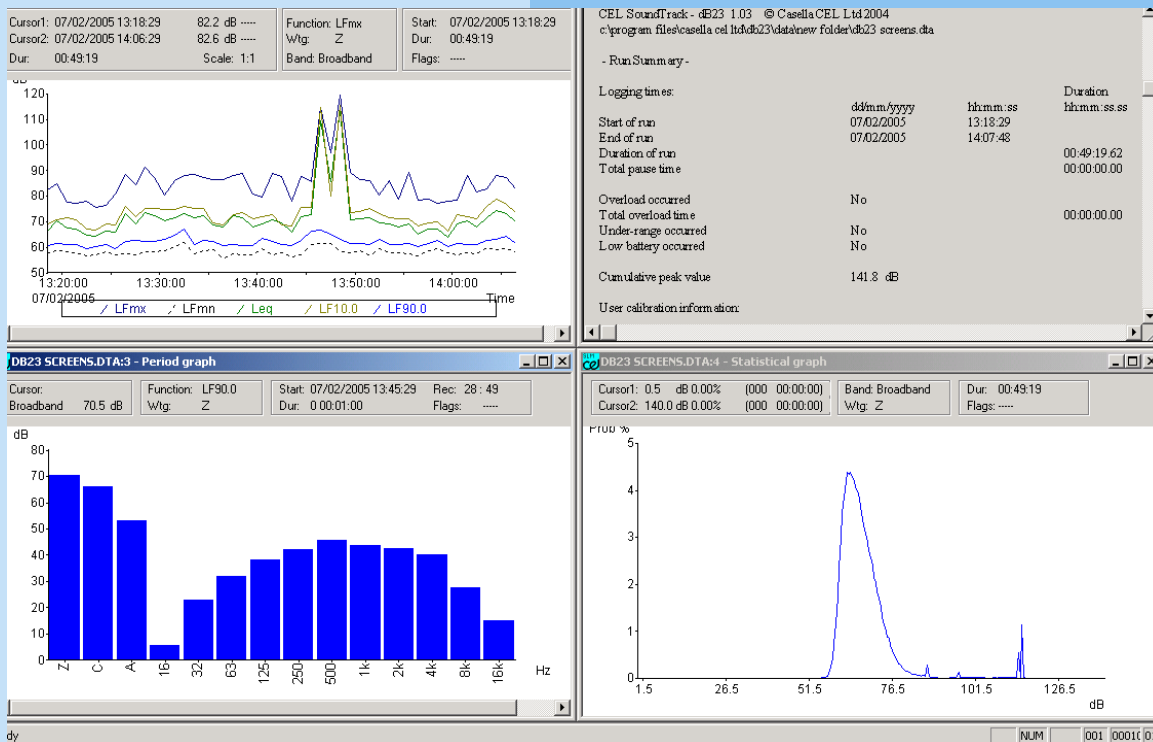


# CEL-6813 dB23 Software

# CASELLA CEL



## dB23

Software for CEL-450 and CEL-490  
Sound Level Meters

### KEY FEATURES

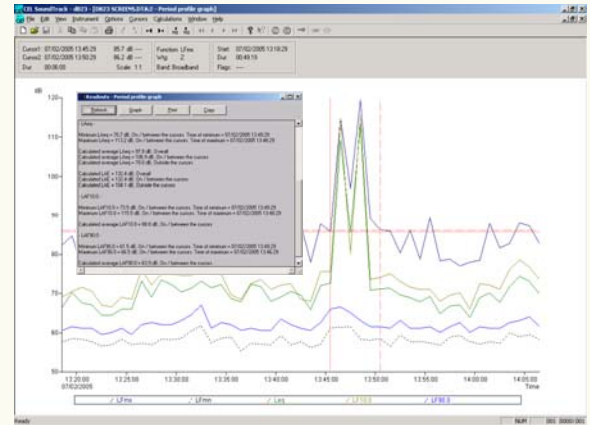
- Download measurement data.
- Post analyse results.
- Easy generation of reports.
- Gives measurement validation and traceability.
- Fully customisable colour graphs.
- Statistical analysis.
- Remote control and download via GSM modem.
- Realtime remote display of data.
- Tabular or graphical outputs.
- Designed for use with CEL-450 and CEL-490 instruments.

### INTRODUCTION

The dB23 software is written and designed to work with CEL-450 and CEL-490 instruments. dB23 provides comprehensive download, post analysis and report generation facilities with a simple to use interface. This makes using dB23 quick and easy, while ensuring your data remains secure. Depending on the instrument model, broadband or frequency can be displayed in text or graphical forms, together with options to export data to other applications if required.

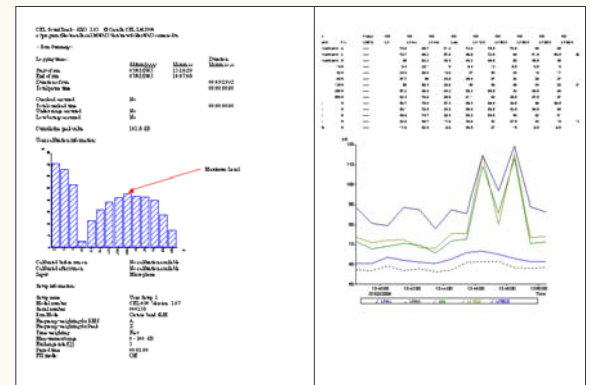
## Data Analysis

Once measured results from the instrument are downloaded, data can be viewed in either tabular or graphical format. When viewing graphs of time history data, portions of data can be highlighted using the cursor option. This allows users the opportunity to view the effects of removing portions of data if an erroneous event took place. It can also be an advantage for recalculation of time averaged (e.g.  $L_{eq}$ ) or statistical ( $L_n\%$ ) data irrespective of the time period, even in specific octave or one third octave frequencies.



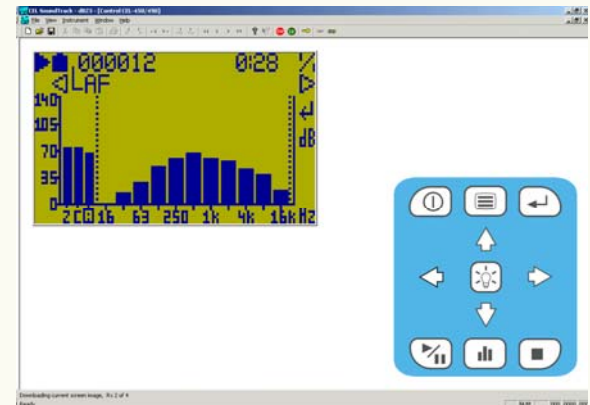
## Report Generation

In order to present data in a simple format it is possible to compile required information quickly and easily. This can be achieved in both graphical and text format, with colour graphs. The instrument calibration data (date and times) are also stored and can be presented with the measured data to show the validity of the measurements. Any recalculated graphs can also be displayed to show the new data as required.



## Remote Control and Download

For environmental noise applications, dB23 can be used to communicate with up to 8 remote instruments via GSM modems. Control of each unit is achieved via a 'virtual' keypad on the PC, making remote setup changes straightforward. Instruments can be stopped and started as required and measured runs downloaded from multiple instruments, no matter how far away they are.



## Minimum PC Specification

### Hardware

- Pentium I - 800 MHz
- 16 MB RAM memory
- 1 GB hard drive

### Operating system

- Windows 2000 (service pack 4)
- Windows XP Home or Professional (service pack 2)
- Windows NT 4 (service pack 6a)

## Licence Terms

Casella CEL licence this software for single-site use. For the convenience of the user, the software may be copied for back-up purposes, and installed simultaneously on one desk-top computer (the site) and one portable computer.

## Ordering Information

CEL-6813 dB23 Software on CD with instruction manual  
C6724/2 Download Cable to PC (9 way D type) 2m  
CEL-90336 USB Adaptor and driver software

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