

Busting *Noise Bandits*

65 dB

60 dB

55 dB

50

45

40 dB

35 dB



with 2260 Observer™

Brüel & Kjær 

Bang for the Buck

Based on a well-proven platform and technology, 2260 Observer™ is a robust, hand-held sound level meter and analyzer all in one. Versatile and cost-effective, 2260 Observer can do as much or as little as you want it to, as it's always possible to upgrade if your measurement needs change.

Observes the Rules

2260 Observer keeps up with the latest in legislation and standards and complies with the new sound level meter standard IEC 61672. It also complies with the familiar IEC standards 60651 and 60804 and the latest ANSI standards.

Using 2260 Observer and Brüel & Kjær post-processing software and accessories, assessments of noise can be made in accordance with an abundance of international and national standards.

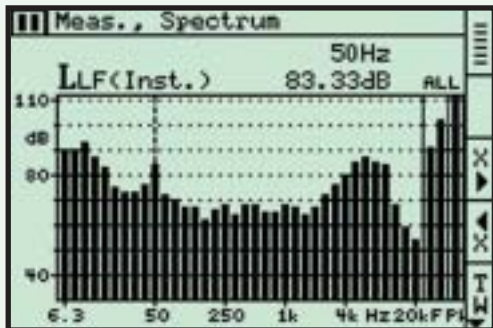


Busts Noise Bandits, Basically

Fundamental Measurement Capabilities

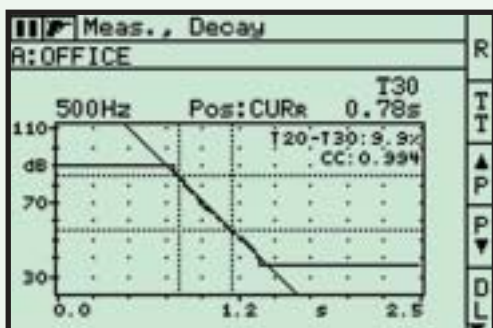
If you're in the business of assessing community noise and noise in the workplace, 2260 Observer is the perfect instrument for you, capable of doing all the measurements and analyses you typically use. It's designed for one-man operation in the field, has built-in Help to guide you through your measurements, and you can even select your preferred language.

2260 Observer measures all parameters simultaneously – broadband, spectral or statistical – so you'll never miss a beat. All 2260 Observer versions analyse in 1/1- as well as 1/3-octave bands, over frequency ranges 8Hz to 16kHz or 6.3 Hz to 20 kHz, respectively.



Assessing Environmental Noise

For your work with environmental noise problems, you'll enjoy 2260 Observer's ability to log broadband and spectral data simultaneously. During attended measurements you can make on-line annotations of your measurement by attaching named markers to the recorded profile. All of the annotations are



stored with the measurement results and can later be transferred to a PC for further analyses.

Unattended measurements, even in out-of-the-way places, are well provided for with specially designed equipment and the ability to remote control 2260 Observer via a modem dial-up facility.

Measuring Reverberation Time

Noise reduction in the workplace and, for example, acceptance tests of rooms, are carried out conveniently with the optional software for measuring reverberation time.

All you need is your 2260 Observer and an impulsive noise source – a starting pistol or a simple paper bag would do nicely. Alternatively, you can use the built-in generator in combination with a power amplifier and a loudspeaker source (interrupted noise method). Whichever method you choose, the decay curves are computed in all frequency bands simultaneously and shown on 2260 Observer's display.



No Mission Impossible

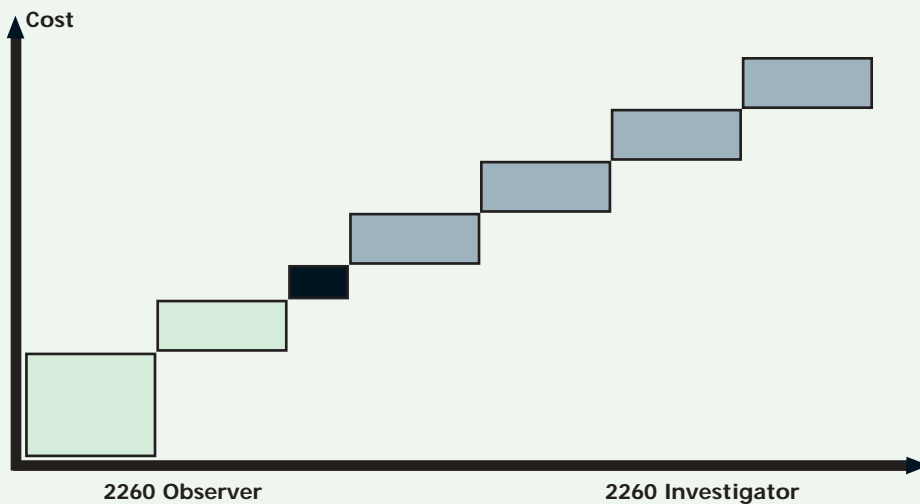
No one knows what lies in the future, but it's never a bad thing to be prepared. With 2260 Observer you are well prepared even if your measurement needs and requirements change drastically. In its standard form, 2260 Observer meets all demands for working with environmental noise and noise at work. But, the optional reverberation time software further enhances the capabilities.

2260 Observer can be upgraded to cover the full range of applications in the 2260 Investigator™ range of products. These include two-channel building acoustics, sound intensity measurements and narrow band analysis (FFT) of sound and vibration.



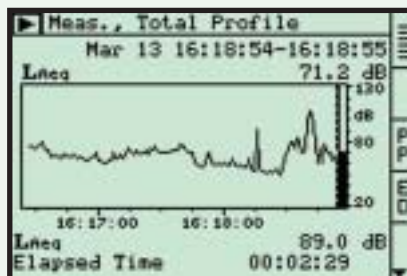
Investigate the Possibilities

Taking a look at the breadth of additional applications, you'll realise that an initial investment in the analyzer platform makes any acquisition of additional measurement capabilities extremely cost-effective.



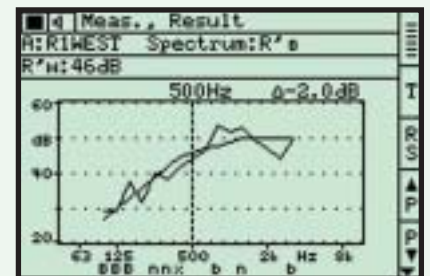
Profiles of Environmental Noise

Automatic detection of noise events, fast logging during events, and profiling over a 110 dB dynamic range are available in different software packages, so both attended and unattended measurements are fully supported.



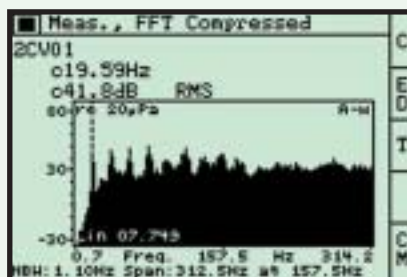
Building Acoustics, Sound Insulation and More

The complete building acoustics solutions (one- and two-channel) allow you to make sound insulation measurements with minimum on-site equipment. Reverberation times are measured without additional equipment. Full results are available on-the-spot.



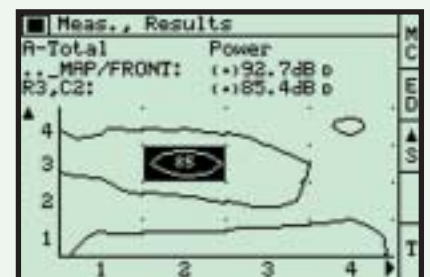
FFT Analysis and Pure Tone Detection

For sound or vibration FFT analysis when investigating machinery, troubleshooting, pure tone investigation, product development, and quality control. The hand-held FFT analysis system gives you one-channel, real-time operation (no data loss) with internal and external triggers. Pure tones can be automatically detected according to a number of standards.



Sound Intensity, Sound Power and Source Identification

Special software and a probe – that's all it takes to get a complete, hand-held sound intensity system. On-site sound power measurements – even with high levels of background noise – are made possible, as are measurements in difficult-to-reach locations. The same equipment is ideal for identifying noise sources or finding leakage in sound insulation.



Exploring the Evidence

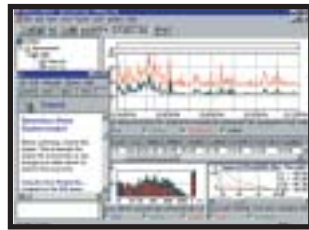
Once your measurements are made, reports need to be produced. In some cases, the data collected needs further analysis or forms the basis of advanced assessments. Transferring the data to a PC can help you quickly determine the extent and possible cause of a problem and how to solve it, saving you valuable time and effort, and producing profes-

sional reports. Whether you are interested in simply adding measurement data to a report and archiving results for future reference, or in assessments in accordance with your legislation, Brüel & Kjær Windows®-based software is available to match your needs.



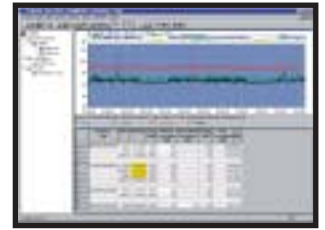
Easy-access Reporting and Archiving

Data from all modern Brüel & Kjær sound level meters can be downloaded to a PC for viewing, intuitive archiving and future reference. All data can be exported to other software such as MS Excel and Word.



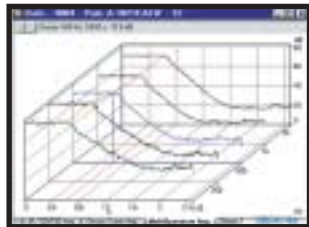
Assessing Environmental Noise

Assess environmental noise according to your legislation and perform a range of advanced tasks – download data over a modem from a sound level meter, record sound, and integrate sound bytes and photographic evidence of the site under investigation.



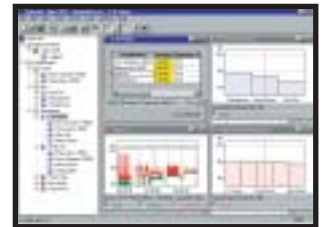
Room Acoustics

Software to post-process and professionally document the results of your reverberation time measurements. Individual inconsistencies can be adjusted or omitted and, through dynamic linking of data, the effects observed immediately.



Occupational Noise Exposure

Powerful management of noise exposure with highly intuitive archiving, cost-saving assessment of noise exposure and machine levels, and various functions to quickly evaluate the extent of noise exposure problems, their causes and possible solutions.



No Place too Remote

2260 Observer can be converted into an all-weather noise monitoring system. Safe and dry in its robust, heat reflecting bright yellow case, the analyzer will operate unattended for more than 3 days. For longer periods, the battery may be changed without interrupting measurements. You can also save yourself a site visit by using the modem dial-up facility to collect your results.



NOISE CAN SERIOUSLY DAMAGE YOUR HEALTH



Service and Support

To ensure that you receive the full benefit of our equipment, Brüel & Kjær offers worldwide service and support including accredited calibration, on-site traceable calibration, installation, software maintenance and upgrade contracts, product training, and application courses.

Literature

We offer a comprehensive range of high quality literature that includes User Manuals, Product Data Sheets, Brochures, Application Notes, Bulletins and Brüel & Kjær Magazine.

Contact Us

If you have any queries, please contact your local Brüel & Kjær sales representative.

Internet

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