



Brüel & Kjær UK UK Insert

Brüel & Kjær UK Insert **Summer 2009**

Welcome to the Summer issue of our bi-monthly magazine insert, which provides a round up of the latest news, products and courses from Brüel & Kjær UK.

If you would like further information about any of the features in this newsletter, please contact ukinfo@bksv.com

News

Going Greener



To help the environment by saving paper usage, Brüel & Kjær is no longer printing copies of its bi-annual magazine.

Instead the magazine is now available as a downloaded PDF document, which customers can sign up for.

Brüel & Kjær UK has provided the magazine as a downloadable PDF for customers since 2007.

Make sure you continue to receive your copy of Brüel & Kjær's magazine by sending your **Full Name, Company Name** and **Email Address** to: bkmagazine@bksv.com

25% discount on standard surface microphones - Types 4948 & 4949

Brüel & Kjær is celebrating the 5th anniversary its Surface Microphones by offering a 25% discount on standard surface microphones - Types 4948 and 4949.

Originally designed for flight testing, as it eliminates the drawbacks of flush mounting, the aerodynamic surface microphone - with its extremely flat geometry and compact design - proved to have many measurement benefits including:

- ✓ Flush mounting without need to drill holes
- ✓ Easy to mount even on glass and in confined spaces
- ✓ Low wind-induced noise

For more information, please contact: **(+44) 01438 739 000**
or email: ukinfo@bksv.com



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25% Discount on your next Sound Intensity Calibrator

Whether it's for sound power determination, noise source identification or troubleshooting, a sound intensity calibrator helps optimise your intensity system and improve job efficiency.

Brüel & Kjær is offering a 25% discount for customers who purchase a Sound Intensity Calibrator **before 30th June 2009**.

For more information, please contact **(+44) 01438 739 100**

or request a quote by contacting: ukinfo@bksv.com



Stock Clearance



Brüel & Kjær UK still has some stock of Endeveco transducers.

To find out prices and order while these last, please contact our office on: **(+44) 01438 739 000** or email: ukinfo@bksv.com

Improved look for Brüel & Kjær UK Website

Brüel & Kjær UK has unveiled a new look for it's website - www.bksv.co.uk

With a Flash enhanced front page and improved search capability, the website now offers a greater resource tool for visitors.

To see our re-launched website please visit: www.bksv.co.uk



Revolutionary Reflex - PULSE 14 Reflex is now available

PULSE REFLEX™

Brüel & Kjær has launched **PULSE Reflex** - its brand new world-class post processing software for the PULSE platform, which offers three main applications:

Core - time recording editing and post-processing analysis

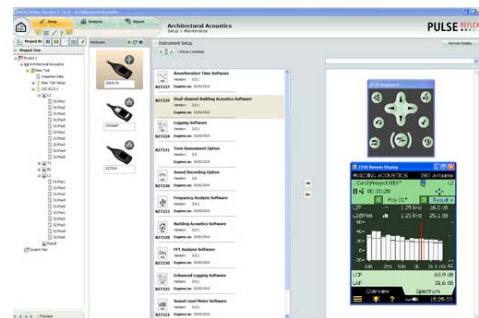
Modal Analysis - modal Post-Processing of FRF data to Mode Shapes

Building Acoustics - post Analysis and Reporting of Building Acoustic Measurements from 2250, 2260 and 2270 sound level meters

Designed in close cooperation with PULSE customers - from different industries across the world - Reflex has an intuitive user interface, with powerful data management and enhanced reporting opportunities, to help increase productivity.

From trouble shooting to routine testing, the PULSE Reflex application software offers:

- Quick filtering or data sorting for further processing, such as statistical analysis, frequency analysis or modal parameter estimation
- Rapid navigation across large volumes of data
- Formal written reports, presentations or spreadsheets
- Import or export data to and from other applications



Related operations are grouped together in dedicated regions of the screen and the user controls whether they are visible or hidden to give maximum focus and screen space for whatever task is performed.

PULSE Reflex provides a versatile - but easy to use - notes section that enables the user to record every thought as it occurs. Users can also include sounds, photographs or videos, then link them to items in the project to provide a lasting reminder of how or why critical decisions were made.

For more information, please contact **(+44) 01438 739 000** or to visit the PULSE Reflex micro sites: [Click Here](#)

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Multi-tasking Microphones



Common noise measurement errors faced by engineers on daily basis are now avoidable with leading sound and vibration expert, Brüel & Kjær's unique, quarter inch multi-field measuring microphone.

Brüel & Kjær's 4961 is the world's only quarter inch measuring microphone with the same sensitivity and noise floor of a standard half inch microphone - and a uniform, flat response in unpredictable sound fields.

As the type of sound measurement and suitable transducer for recording vary greatly, measurement errors are quite common. Although it's possible to correct errors (if the cause is known) it's much simpler to avoid mistakes in the first instance by using a multi field microphone, which covers all eventualities.

With it's 20 dB noise floor and sensitivity exceeding 50 mV/Pa, the 4961 takes accurate measurements in free, diffuse or diverse sound fields, making it ideal for use in non-stationary environments, such as aircraft or vehicle cabins, where noises can seem to come from many different directions. It can also be used for building acoustics and test cell measurements.

Due to its small stature the microphone is relatively insensitive to the angle of incidence, which simplifies the process of taking complex sound measurements, saving technicians' valuable time planning, setting up and analysing results.

Although small, the 4961 has an all-titanium case, making it incredibly robust and resistant to corrosion - but without any risk of interference from magnetic fields.

For more information, please contact: **(+44) 01438 739 000**
or email: ukinfo@bksv.com

Or visit the multi-field micro site (*see right*) at: [Multifield Microphone Microsite](#)



Meet B&K at Euronoise 2009



Brüel & Kjær is proud to be a Gold sponsor at this year's Euronoise 2009 conference, taking place in the Edinburgh International Conference centre from 26th to 28th October.

Come and meet our expert Technical Engineers as they exhibit Brüel & Kjær's latest sound and vibration equipment throughout this three day event.

Either drop by our stand or contact heather.wilkins@bksv.com if you would prefer to book a meeting beforehand.

Euronoise 2009 will be opened by MSP Roseanna Cunningham, a member of the Scottish National Party, on 26 October, when the event takes place for the first time in Scotland.

Under the theme, Action on Noise in Europe, the conference takes place at the Edinburgh International Conference Centre and is organised by the Institute of Acoustics (IOA) on behalf of the European Acoustics Association.

The event is being staged this year on the back of the winning proposal by the IOA at the 2006 conference in Tampere, Finland, when Chief Executive Kevin Macan-Lind and Euronoise General Chairman Bernard Berry put together the proposal for the UK to host the event.

Bernard Berry said: "I was involved in the very first Euronoise in London in 1992, and organised the technical programme. Indeed the idea to hold such an event about every three years in Europe, in a year when Internoise was not in Europe, arose from another former President of the Institute, Geoff Leventhall. As General Chairman of Euronoise 2009, I am delighted that the Institute of Acoustics is hosting this important international conference in Edinburgh. This year is an important year for noise in Europe, with a number of key developments taking place, including the review of the implementation of the Environmental Noise Directive. I look forward to welcoming between 700 and 1000 delegates from all over the world."

The programme will consist of key-note lectures, invited and contributed papers in structured parallel sessions, workshops and poster presentations. Over the three days around 500 presentations and numerous lectures will be delivered on a wide range of noise subjects.

Technical visits will also be arranged for some of the delegates on a 'first come, first served basis' with the BBC Studios and Edinburgh Airport being considered as likely attractions.

To attend Euronoise register initial interest through the Euronoise conference website www.euronoise2009.org.uk

For further details please telephone: 01727 848195 or email: linda.canty@ioa.org.uk or visit IOA's website: www.ioa.org.uk

Service

Comprehensive calibration services

Brüel & Kjaer UK offers a comprehensive range of calibration services at its professionally staffed calibration laboratory.

Our calibration procedures are developed by experienced engineers with extensive knowledge of Brüel & Kjaer products and are performed by our highly skilled technicians. The resulting services guarantee calibration that is traceable to national and international standards.



Should your instrument be outside specifications or require repair, we will contact you before proceeding.

Why Invest in Calibration?

Frequent calibration of instruments is not just an investment in quality; it can also save on future costs.

As a quality assurance tool, regular calibration of your equipment will help minimise the cost of errors due to inaccurate or invalid measurements, for example, by reducing the number of faulty product recalls.

Regular calibration can also help you avoid the possibility of legal action resulting from inaccurate or misleading measurement results.

Calibration - Services

Increasing focus on quality standards such as ISO 9001 has resulted in a strong market demand for calibration and test services.

Brüel & Kjaer UK's service centre operates a calibration laboratory to cover local demands, plus a factory service centre laboratory based at Brüel & Kjaer's Headquarters in Denmark.

Accredited Calibration

The Brüel & Kjaer UK Calibration Laboratory offers UKAS accredited calibration conforming to the demands of a wide range of customers.

Accreditation is approval given by an official authority to a calibration laboratory. To obtain this approval, the calibration laboratory is subject to an in-depth assessment with respect to both formal Quality Management controls and technical competency. The assessment is carried out in accordance with internationally accepted standards, for example the ISO 17025 standard. The international acceptance is obtained through multinational mutual agreements.

For more information on Brüel and Kjaer's UK Service Centre, please visit the [Service Section](#) of our website or contact **(+44) 01438 739 100**.

To book a service or repair online, please [Click Here](#)

Training & Courses

Bruel & Kjaer UK's Training Courses & Webinars 2009

Bruel & Kjaer UK runs training courses throughout the year.

To receive your copy of the calendar, please email: stephanie.semmens@bksv.com

Upcoming courses:

Use of Software (Type 7820) for processing results from 2250 - 8th Sept
[Register Now](#)

Vibration Measurements - 9th & 10th Sept
[Register Now](#)

Principles of Acoustics - 14th & 15th Sept
[Register Now](#)

Practical Use of Sound Level Meters - 16th Sept
[Register Now](#)

Sound Insulation Measurements - 22nd Sept
[Register Now](#)

Type 2250 User Training - 30th Sept
[Register Now](#)



Webinars - FREE Interactive Training Sessions:

Take advantage of free online training with Bruel and Kjaer UK's expert engineers by signing up for our interactive, one-hour web-based courses:

2250 User Advanced - 11th June [Register Now](#)

Introduction to Vibration - 24th June [Register Now](#)

Rotating Machine Analysis Technique - 25th June [Register Now](#)

MATRON User - 2nd July [Register Now](#)

Introduction to Acoustics - 8th July [Register Now](#)

Building Acoustics - 16th July [Register Now](#)

To see our full calendar of web-based courses, please [Click Here](#)

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