



Control NVH Quality

Hand-held Analyzer Type 2250



APPLICATIONS

- In-vehicle noise measurements
- Check pass-by levels
- Component testing
- Background noise on test track

BENEFITS

- **Real-time frequency analysis** in 1/1- and 1/3-octave bands and total dBA level in large display. No post-processing necessary
- **Easy to use** – simple one button start/stop operation (or just start for specified analysis time)
- **120 dB dynamic range** eliminates setting attenuators
- **Quality and status of measurement parameters** clearly displayed on-screen as icons and saved with data
- **Backlit screen** makes viewing easy under all conditions
- **Record your personal comments** during testing to document conditions, artefacts, etc.
- **8-hour uninterrupted operation** from built-in battery
- **Export Time data** in wav. files to, for example, PULSE data acquisition and analysis system for further analysis
- **User interface** available in local languages
- **Personal measurement, display, and job setup**
- **Quick transfer of data** to PC (via USB, compact Flash, or Secure digital cards) for storing, viewing, and reporting

CHECKING NVH QUALITY HAS NEVER BEEN EASIER

The sound level meter is one of the most commonly used tools in noise measurements. Simple to use and cost-effective, Brüel & Kjær's Hand-held Analyzer Type 2250 provides accurate and instant results with the minimum of effort and investment.

Type 2250 helps you improve the reliability and quality of vehicles and components. In fact, it has repeatedly proved its worth to a number of automotive manufacturers and suppliers with applications ranging from checking pass-by levels to in-vehicle noise assessments, and component testing.



PORTABLE, QUICK AND EASY

Ideal for novices or experts in a hurry, Type 2250 sound analyzer is easy-to-use. The ingenious software ensures that you can start making noise level measurements almost immediately, and the buttons fall precisely where they need to be for one-thumb operated Start, Stop, and Save. The large, high-contrast, touch screen/display, lets you select parameters on the display, and Type 2250 can memorise those setups for your next measurement.

A secondary, built-in commentary microphone, lets you record personal comments immediately before or after a test, automatically attaching them to your on-going measurement; bright 'traffic light' indicators let you instantly check the measurement status, even at a distance. A built-in, semi-automatic calibration procedure also maintains a history of past calibrations ensuring data integrity; and the presence of a windscreen is automatically detected and corrected for by built-in filters. In the unlikely event of problems, there's always help included in the instrument.

HAND-HELD ANALYZER TYPE 2250



IN-VEHICLE NOISE MEASUREMENTS

Whether you have a simple, A-weighted sound limit requirement, or need to perform a 1/3-octave test, Type 2250 is scalable to your requirements. It can be used as a hand-held device for easy portability. User-defined templates make switching between applications easy. The wide 120 dB dynamic range eliminates the need to set attenuators (the most common problem in testing), and you can preset the measurement time to reduce operation to one push of a button and to add consistency to your measurements. The included utility program makes it easy to keep track of results in an organised, archive structure. A built-in memory buffer in the sound recording option makes it possible to record a squeak or rattle *after* it happens.

CHECK PASS-BY LEVELS

Simply point and shoot Type 2250 or use microphone extension cable and tripod for spot check of pass-by levels on all types of vehicles – from cars and motorcycles to agricultural vehicles. Measure maximum “Fast” dBA level and acquire 1/3-octave spectra in parallel to get diagnostics information.

SERVICE AND SUPPORT

CARE FOR YOUR INSTRUMENT

SERVICE & CALIBRATION

Ensure continuous operation of your Type 2250 with a Brüel & Kjær Maintenance Agreement. Brüel & Kjær's skilled engineers will check and verify your instrument on an annual basis, and arrange for immediate repair if needed.

Start the instrument history with a calibration certificate. With the annual certificate your data will always be correct and comparable over time.


LOCAL HELP AVAILABLE

Type 2250 is easy to use. However, help is never further away than your local representative.


Type 2250 Versions and Application Table							
		2250-A	2250-B	2250-C	2250-D	2250-E	2250-F
Sound Level Application	BZ-7222	X	X	X	X	X	X
1/1 and 1/3 Octave Analysis	BZ-7223		X		X	X	
Logging	BZ-7224			X	X		
Enhanced Logging	BZ-7225					X	
Sound Recording	BZ-7226					X	
Reverberation Time	BZ-7227						X

BZ-722X applications can be added "a la carte" to any Type 2250







UA-1650
90 mm Windscreen
with AutoDetect




4189 Microphone
ZC-0032 Microphone
Preamp




QB-0061
Battery Pack




KE-0440
Travel Bag for
2250 and Accessories




UA-0801
Lightweight Tripod




UA-0588
Preamp Holder



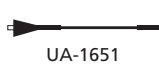
4231
Sound Calibrator



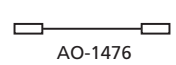
UA-1654
Styli




DH-0696
Wrist Strap



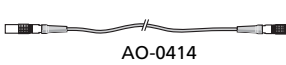
UA-1651
Tripod Extension




AO-1476
USB Interface Cable



ZG-0426
Main Power Supply



AO-0414
Cable LEMO 1B to LEMO 1B Connector



KE-0441
Protective Cover

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