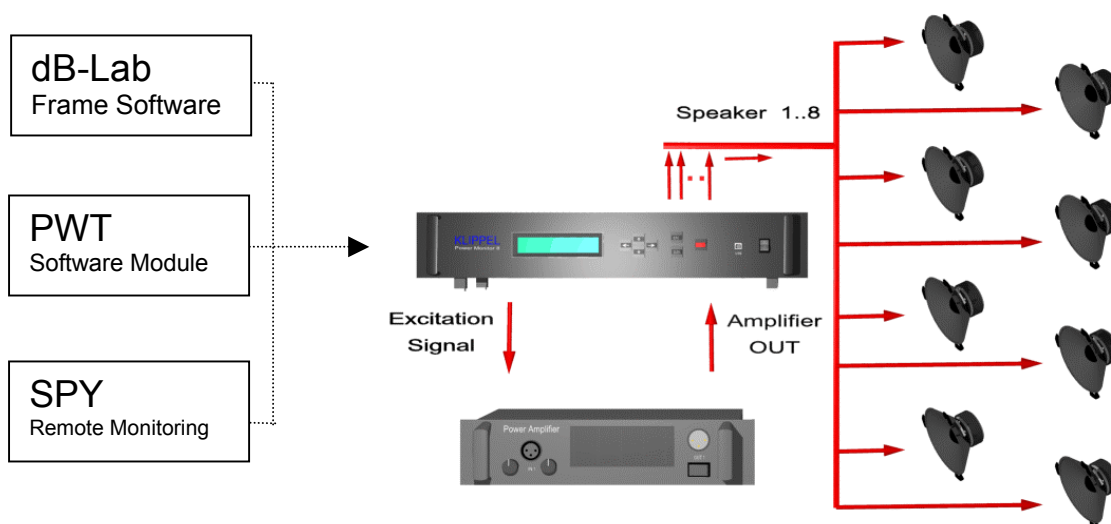


FEATURES


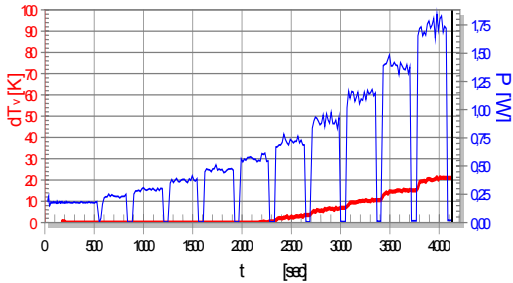
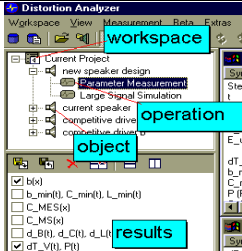
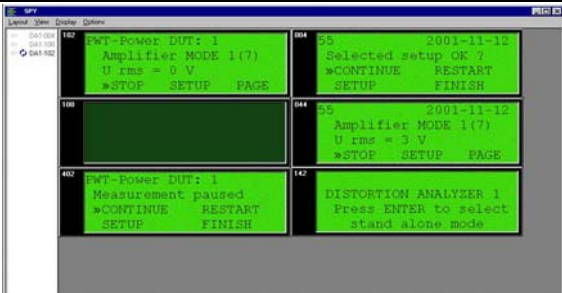
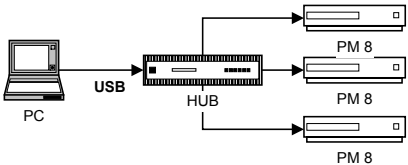
- Long term testing of 8 DUTs
- Cost effective hardware
- Simple hardware setup
- Dedicated software for QC
- Recording history of measurement
- Sampling of destruction process
- Fast, hot plug USB network
- Analyzes cause of destruction
- Monitors mechanical and thermal load
- Measures limits of transducer
- Shows initial and consequential damages
- Ensures robust and reliable products

Long term monitoring of eight devices under test (DUT) requires the hardware (PM8) and software modules. The Power Monitor 8 is a cost-effective hardware platform and can be operated as a stand-alone unit. Connecting a computer via USB-interface the computer software dB-Lab and a dedicated Power Test Software module (PWT) can be used to visualize the results and to customize the measurement. This overview refers to the specifications of each component where detailed information are provided.



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Recommended Components		SPEC #
Power Monitor 8	 <p>The Power Monitor 8 is a solution to monitor up to 8 devices under test (DUT) simultaneously. The PM8 provides a noise generator or uses a music signal as stimulus. Operated as a stand-alone unit the PM8 stores a record of the measured parameters and state variables in an internal memory.</p>	H2
PWT Lite or PWT Pro	 <p>The Power Test (PWT) is a dedicated PC software module for customizing the measurement condition, storing the setup parameter in the hardware unit, controlling the measurement, saving the data on PC and visualizing the parameter and state variables.</p>	S6
dB-Lab Lite or dB-Lab Pro	<p>dB-Lab is the PC frame software hosting the PWT module. It provides general functionality such as database management to archive and handle large amount of data. Project management based on templates simplifies the usage of customized settings, printing facilities and report generation.</p> 	F1
SPY	 <p>The SPY is a PC software tool for remote monitoring of all hardware devices (PM8, DA1, DA2) connected to the computer via USB. The LCD display of each hardware unit is displayed and permanently updated.</p>	
USB	<p>Using the USB interface of the PC multiple hardware units may be connected to a PC. A first USB cable is provided with PM8. Additional USB cables and hubs, commercially available may be used to expand the USB network.</p> 	
Cables	<p>The Power Monitor Set also comprises four amplifier cables and eight speaker cables to monitor up to 8 DUTs via 4 separate stereo amplifiers. Amplifier cables with different types of amplifier connectors (Speakon®, 4mm banana) may be provided.</p>	A3
Additional Equipment	<p>The personal computer, power amplifier and means for mounting the drivers during power testing are not included in the Power Monitor Set.</p>	

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