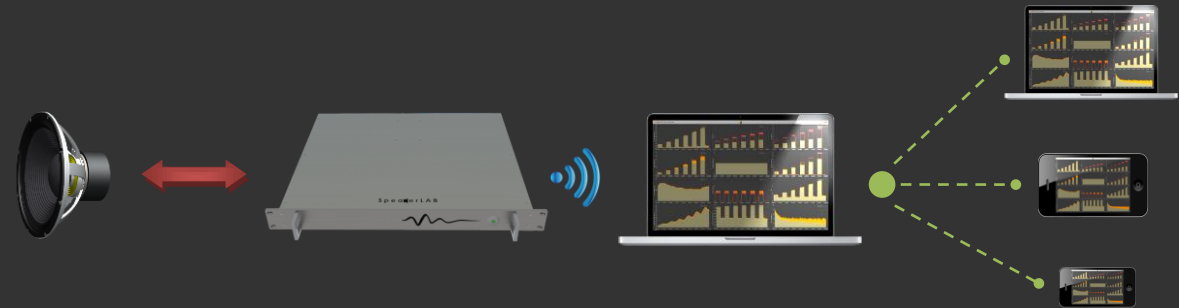


SpeakerLAB[®]

Power Test Analyzer



KEY FEATURES

- **Displayed Waveforms:** Voice Coil Temperature ~ RMS Current ~ Peak Current ~ RMS Voltage ~ Peak Voltage ~ Active Power ~ Reactive Power ~ Average Power ~ Crest Factor ~ Voice Coil Re ~ Magnet Temperature ~ Acoustic Compression ~ Environment Temperature ~ Humidity ~ Pressure
- **Acquisition Time:** Sample time 4ms, Display time from 1 to 60s, Web time 1s
- **Device Communications:** Full Speed USB 2.0 with Galvanic Isolation (optional) in accordance with CSA 60950-1-03 and IEC 60950-1, IEC 60601-1, DIN V (VDE V 0884-10):2006-12, or Wireless (IEEE 802.15 Standard Compliant, ISM Band 2.405-2.475 GHz)
- **Web Manager:** Remote connection from multiple locations (intranet and/or internet)
- **Voice Coil Wire Materials of DUT:** Cu, Al, CCAW, Ag, Au
- **Thermal Parameters:** Thermal decay of voice coil and magnet
- **Limits:** Hardware (fixed), software (editable) with automatic shut down for values outside set limits
- **Full Power OFF:** Manual (delayed switch to avoid unintentional shutdown), Remote (software) and Eco Full-OFF (inactivity delay)
- **Signal Analysis:** Internal Signal Gain, External Signal Gain, Crest Factor, Power Amplifier Gain
- **Signal Application:** Continue, Duty Cycle, Duty Cycle (Ramp)
- **Signal Sources:** Internal (Pink, White or shaped noise according IEC 60268, EIA 426B), External, Internal with external filter
- **Signal Connectors:** Balanced Neutrik® XLR Inputs & Outputs
- **Power Connectors:** IEC 950-compliant Main Power Inlet, 4-Wire Kelvin Termination Neutrik® speakON® for DUT, 2-pole Neutrik® speakON® for power amplifier
- **Construction:** INOX and Aluminium chassis 19 in/1 Unit. INOX screws and power push button
- **EMC:** IEC EN 61326-1(2007-3_1/EC), IEC EN 61000-3-2(2007-04/A1/A2), IEC EN 61000-3-3(2008-09_2), IEC EN 61000-4-2(2010-01), IEC EN 61000-4-3 (2007-04_3/A1/IS1), IEC EN 61000-4-4(2006-01_2/A1/EC), IEC EN 61000-4-5(2007-10_2), IEC EN 61000-4-6(2011-10), IEC EN 61000-4-11(2006-02_2)
- **SAFETY:** IEC EN 60335-1(2004-04_3), IEC EN 61010-1:2011-03

