

For Audio Sound Professional: Compact & High Precision **ASA-10 Audio Sound Analyzer**

● **Compact Body / USB Connection / 2-Channel**

Operates on USB Bus Power

At Anywhere & Anytime, Measure Sound & Enhance Sound Quality

● **Absolute Accuracy Achieved by Hardware & Software Combination**

Professional Version Also Available - Calibration Factors Fully Devised

● **Full Range of Input / Output Terminals e.g. Digital Audio (Coaxial / Optical)**



● **Measurement Functions**

- Sweep Frequency Response
 - SPL Frequency Response
 - Harmonic Distortion: Up to 10th order
 - Impedance Frequency Response
- Realtime Spectrum Analyzer (RTA)
 - 1/3, 1/6 & 1/12 octaves 2-channel analysis
- Graph Printing (various data can be printed together)
- Acoustic Delay (Time Alignment)
- Impulse Response Recording

● **Optional Analyzing Software**

- 2-Channel FFT
- Reverberant Time Analysis (with Echo Time Pattern)
- Sonar Graph
- MTF / STI (Speech Articulation)
- IACC
- RCC

● **Features: High Precision Measurement & Useful Functions**

- Automatic Calibration of Mic. Sensitivity & Frequency Characteristics
- Input Signal Adjusted to Appropriate Range prior to Measurement
 - Automatic range / Dynamic range
- Impedance Adapter
 - Voltage divided by current: Accurate impedance measurement
 - Automatic adjustment of speaker voltage
 - Automatic reduction of resistant value of speaker connection cable
- Highly Accurate Sinusoidal-Sweep Measurement
 - 1/48 octave display resolving power
 - Moving average processing on frequency axis
- File Storage: Wave file / CSV file
- High S/N Impulse Response Measurement
 - High S/N measurement by synchronous averaging
- Realtime Spectrum Analyzer
 - Synchronous sampling period: Highly accurate pink-noise measurement
 - Spot sinusoidal wave signal can also be used
- Automatic Management of Saved File Names (Sweep Measurement)
 - Automatically generated from file name & measuring conditions
 - Integrated management of SPL & impedance data