

Improved Performance (Band doubled, 24bit resolution) Smaller Body

# ASA-10mkII 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 Responses
- Input Signal Adjusted to Appropriate Range Before 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