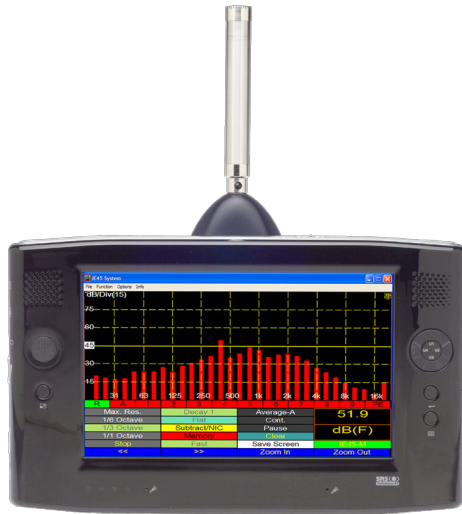




## IE-45

### Audio Analysis System



**IE-45**



**IE-45 MINI**

The IE-45 Audio Analysis System from Ivie is a calibrated, handheld audio instrument comprised of an Ultra Mobile PC (UMPC), coupled with an Input Module (IE-45-IM), which delivers a broad range of acoustical measurements. In-the-field functions include real time analyzer measurements (RTA), sound pressure level (SPL) measurements, seat-to-seat level variation measurements, strip chart recordings of sound level over time, polarity checking, audio frequency oscilloscope measurements, Noise Criteria (NC/NR) measurements, a built-in signal generator, audio level volt meter, Spectrograph, and more. Optional RT60, STI-PA, LEQ, Record, and other measurements and functions are also available.

#### UMPC FEATURES

- Full PC performance in an ultra-portable package
- 1024 x 600 7" WSVGA touch screen display
- 16GB solid-state drive (SSD)
- Intel Atom™ 1.33GHz processor
- 5+ hours of battery life
- Built in MIC and Web Cam
- Integrated Wifi, Bluetooth, and GPS.
- USB 2.0
- SDHC Slot

#### INPUT MODULE SPECIFICATIONS

- Type I and Type II mic/preamp options
- 24 Bit A/D converter
- 64kHz Sampling Rate
- 19 dBA Noise Floor
- 15Vpk Maximum Input Voltage
- Meets ANSI and IEC requirements for Type I (with optional mic/preamp combination) and Type II sound level meters
- USB 2.0 peripheral device
- RoHs and Weee compliant

#### SOFTWARE FEATURES

- 1/1, 1/3 1/6, 1/12 Octave Filters
- 1/12 Octave Frequency Detect
- Audio Level Volt Meter
- Delay (Optional)
- Dual Trace X/Y Scope
- LEQ (Optional)
- Noise Criteria (NC)
- Noise Index Class (NIC)
- Noise Rating (NR)
- Polarity Checker
- RT 60 (Optional)
- Seat-to-Seat
- Signal Generator
- Spectrograph
- SPL Meter
- STIPA (Optional)
- Z-meter (Optional)



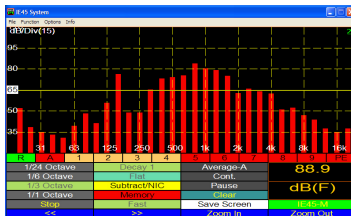
# IE-45

## Audio Analysis System

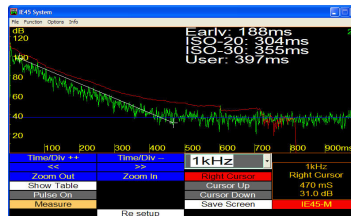


**IE-45 Input Module**

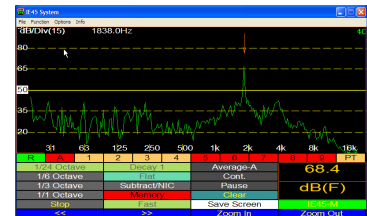
### Sample Screenshots



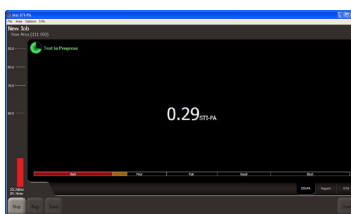
**1/3 Octave RTA**



**RT60**



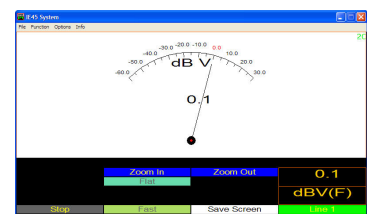
**1/24 Octave  
Freq. Detect**



**STIPA**



**Stripchart  
Recorder**



**Volt Meter**

**WARRANTY (Limited):** Ivie iFlex products are guaranteed for Two (2) years from date of original purchase against malfunction due to defects in workmanship and materials. If such malfunction occurs, unit will be repaired or replaced (at our option) without charge for materials or labor, if delivered shipping prepaid, to an authorized Ivie service facility. Warranty does not cover finish or appearance items or malfunction due to abuse, modification, lightning, or operation at other than specified conditions. Repair by other than Ivie or its authorized service agencies will void this guarantee. Products are sold on the basis of specifications applicable at the time of malfunction. Ivie shall have no obligation to modify or update product once sold.