The VL Design **TEF25** USB Preamp combines the portability of a small USB Preamp with the accuracy of the traditional TEF20 analyzer.

The TEF products measure, certify and calibrate; Loudspeaker fase, STI measurements, CIS measurements, PI measurements, Microphone polar diagrams, Loudspeaker polar diagrams, Waterfalls, Acoustic measurement, Real time, MLS, FST, RTA, THD, RT60, Reverberation time, Reverberation patterns, Fase measurement, Dosimeter, Alcon, Concert halls, Theatres, Public sound systems and so on.

Features:

- Portable Dual Channel Analyzer
- USB / DC Powered
- Extremely Low Noise Floor
- Post Processing of TDS and MLS
- Accurate Phase Measurements
- Utilizes Existing TEF Software

Specifications:

- **General Specifications**
- A/D: 24 Bit - 48kHz to 192kHz; Selectable
- D/A: 24 Bit - 48kHz to 192kHz; Selectable
- DSP: 75mHz; 75 MIPS
- Frequency Response: 6Hz to 90kHz: ± 1dB
- Signal to Noise: > 114dB; Unity Gain, ref +4dBV, 1kHz
- THD + Noise: < 0.1: +4dBu 1kHz
- Noise Floor: -130dBV
- Dynamic Range: > 114dB
- Gain: 60dB: Selectable Stages, 1dB steps
- Channels: 2 Analog Input, Output
- External Power: 12vdc @ 500mA: 2.1mm jack - sleeve positive
- USB: 2.0 Compliant

- **Inputs:**

- XLR: Active Balanced/20k Ohms: Pin 2 Hot, Per AES Standards
- TRS: Active Balanced/20k Ohms: Tip+, Ring-, Shield (20dB Pad)
- XLR: +4 dBV: Max Level
- TRS: +24 dBV: Max Level

- **Output**

- XLR: Active Balanced / <100 Ohms/Leg: Servo Balanced

Phantom Power:

- +24vDC: Without External Power
- +48vDC: With External Power
- On/Off: Software Selectable

- **Computer Minimums:**

- Processor: Pentium 4 @ 2GHz: Core Duo @ 1.5Ghz
- Operating System: Win 2000, XP, Vista, Win7
- RAM: 512Mb

- **Mechanical:**

- Case: Extruded Aluminum: Black Finish
- Panels: Aluminum: Black Finish
- Size (WxLxH): 6.75 x 5.25 x 2.25"
- Weight: 2 lbs.