

USB Microphone Model iSV1611

Introduction

USB microphone model iSV1611 is a kind of digital microphone with USB interface, composed of measurement microphone, preamplifier, 16 bit A/D and USB interface which can be used with the Apps on smartphone, tablet or the program on PC. Smartphone or tablet or computer will get the digital signal data through USB cable connecting with iSV1611, combining the program installed on smart device, just be a unit of digital sound level meter or real time signal analyzer can do integral measurement, statistical measurement, Octave, 1/3 Octave and FFT analysis. Because the digital signal is from USB microphone instead of the built-in microphone on smart device, its application meet for the standard IEC 61672 Class 1 and IEC 61260 Class 1.

Main Specification

- ❖ A/D Sample Frequency: 48 kHz, 96kHz, 192kHz
- ❖ Channels: 2
- ❖ Microphone interface: 60UNS
- ❖ Electrical noise floor: 12dBA
- ❖ Acoustical noise floor: 16dBA
- ❖ Max input SPL: >140dB
- ❖ Typical Sensitivity Level: -28 dB (Ref. 1 V/Pa as referenced 0 dB)
- ❖ VID PID Programmable: Yes
- ❖ USB Interface Standard: USB2.0, downward compatibility USB 1.1 standard
- ❖ Dimension: $\phi 20 \times 165$ (mm) (1/2", Outer diameter of protector cover $\phi 13.2$ mm)
- ❖ Weighting: 96 g

