



iSV1611 1/2" USB Microphone



iSV1611

The USB microphone model iSV1611 is a digital microphone with USB interface, consisting of pre-polarized 1/2" electret measurement microphone capsule, preamplifier, 2 channel (stereo) 16-bit ADC and USB interface, which can be used with apps on smartphone, tablet or PC.

PC, smartphone, or tablet receive the digitized 2 channel signal data via USB cable connected to iSV1611. The dual channel operation allows simultaneous measurement in the 16-100 dB(A) and 56-140 dB(A) measurement range.

With a suitable program of your choice, various calculations of the "digital sound level meter or real-time signal analyzer", such as, statistical measurement, third-octave, octave and FFT analysis can be realized.

Because the digital signal comes from USB measurement microphone, instead of built-in PC microphone, and it can be calibrated with sound calibrator, IEC 61672 class 1 and IEC 61260 class 1 measurement are possible.

Technical data

A/D sampling frequency kHz	48/96/192
Frequency range (+/- 0.5 dB)	3 Hz-23 kHz
Microphone capsule thread	60uns
Directional characteristics	sphere
Electrical background noise	12dBA
Acoustic background noise	16dBA
SPL Max.	140dB
Sensitivity	38mV/Pa
Measuring range Ch. left	16 – 100 dB(A)
Measuring range Ch. right	56 – 140 dB(A)
USB- Standard	2.0 & 1.1
Dimensions mm	20x165
1/2" outer diameter	13,2 mm
weight	96 g