

## **For Immediate Release**

### **Contact:**

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## **Phidgets releases a new sensor that measures sound.**

**The 1131 - Sound Sensor detects sound intensity from as low as a person talking to the noise made by a Jackhammer 1 meter away.**

**CALGARY, Alberta, March 29, 2010** — Phidgets Inc. released today the 1133 - Sound Sensor that measures the presence and loudness of sound. The sensor measures sound pressure level (SPL) between 50db to 100dB in the input frequency range of 100Hz to 8kHz.

"The Sound Sensor is another example of the our efforts to give our users a wide assortment of sensors allowing them to monitor their environment", said Bernard Rousseau, Director of Marketing.

Here are some examples of the type of sounds that can be measured with the Sound Sensor:

Calm Breathing - 10db

Very calm room - 20-30db

Normal conversation 1meter away - 40-60db

TV set (at home) 1m away - 60db

Passenger car 10m away - 78db

Traffic on busy road 10m away - 80-90db

Jack Hammer 1m away - 100db

### **Product Specifications**

Current Consumption: 8.5 mA

Resolution: 30mV/dB

Input Sound Range: 30mV/dB

Error (@ 1000Hz):  $\pm 3$ dB

Input Frequency Range: 100Hz to 8kHz

## **Software Environment**

“Unlike a lot of our competitor’s products that require their users to write some firmware code in order to use their sensor, we are completely “Plug and Play” says Bernard Rousseau, Director of Marketing. “With Phidgets, you plug it in and start using it and when it comes to programming, the user, not us, decides which operating system and which computer language he wants to use”, added Rousseau.

Users can program Phidgets using a simple yet powerful and well documented Application Programming Interface (API) that is supported under Windows (2000, XP, Vista), Windows CE, Mac OS X, and Linux. Users can write programs in Visual Basic, VB.NET, C#, C/C++, Flash/Flex, Java, Labview, Matlab, ActionScript 3.0, and Cocoa.

Phidgets also provides programming examples for all its products to help programmers write their own programs. The API Libraries as well as the examples and the documentation are available at no charge on [www.Phidgets.com](http://www.Phidgets.com).

## **Pricing and Availability**

The 1133 - Sound Sensor is available now. The suggested resale price is \$35.00 Canadian.

## **About Phidgets**

Phidgets, Inc. is a technology leader in the design and manufacture of low-cost control and sensing modules connected to personal computers through the USB port. Phidgets products are ideally suited for fast prototyping. The privately held company is based in Calgary, Alberta, Canada.

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