

## For Immediate Release

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## **Phidgets launches the 1049 - PhidgetSpatial 0/0/3 3-Axis, 5g Accelerometer and reduces the price of the 1059 - PhidgetAccelerometer 2-Axis from \$95 to \$60 CAD.**

**CALGARY, Alberta, June 21, 2010** — Phidgets Inc. released today the 1049 - PhidgetSpatial 0/0/3. The 1049 is the second product in the PhidgetSpatial family and it provides Accelerometer 3-Axis 5G functionality.

"The 1049 is the second product in our new family of PhidgetSpatial products. ", says Chester Fitchett, Phidgets CEO. " We also use very precise voltage supply filtering to guarantee low noise and correct sensor operation." added Chester.

The PhidgetSpatial family of product currently includes the:

1056 - PhidgetSpatial 3/3/3 : Compass 3-Axis, Gyroscope 3-Axis, Accelerometer 3-Axis 5G.

1049 - PhidgetSpatial 0/0/3 : Accelerometer 3-Axis 5G

Each accelerometer axis is calibrated at the factory for cross-axis mis-alignment, sensitivity to positive and negative acceleration, and offset.

"We will still be carrying our 1059 - PhidgetAccelerometer 2-Axis for users who only need 2-Axis data." Said Bernard Rousseau, director of marketing. "We have also reduced the price of the 1059 from \$95 to \$60 CAD.", added Rousseau.

### **Product Specifications**

Acceleration Bandwidth @ 1ms sample rate: 110 Hz

Measurement Range (XYZ Axis):  $\pm 5g$  ( $49 \text{ m/s}^2$ )

Acceleration Resolution:  $3660\mu\text{g}$

Axis 0 Noise Level (X Axis):  $2000\mu\text{G}$  standard deviation ( $\sigma$ ) at 128 samples/second

Axis 1 Noise Level (Y Axis):  $2000\mu\text{G}$  standard deviation ( $\sigma$ ) at 128 samples/second

Axis 2 Noise Level (Z Axis):  $2000\mu\text{G}$  standard deviation ( $\sigma$ ) at 128 samples/second

Data Rate: 1ms to 1000ms per sample; 16ms to 1000ms over the webservice

Min/Max USB Voltage: 4.75 - 5.25 VDC

USB Current Specification: 45mA max

USB Speed: Full Speed (12Mbit)

## **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 1049 - PhidgetSpatial 0/0/3 is available now. The suggested resale price is \$80.00 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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