

### Overview

The MEMS adapter board allows an AT2040 to be used with components such as PR and capacitive sensors manufactured by Kistler®, Endevco®, and Dytran®. The adapter plugs into the shaker DIN8 connector for power and signal. 7 to 10 volt power is supplied to the sensor and the adapter board converts the signal from a differential input to a single-ended for sensitivity measurement. The adapter can also be used with 3-wire capacitive sensors by a simple DIP Switch Toggle.

Specifications		
Programmable Supply Voltage	Min 7	Max 20
X1 (For High Sensitivity 500 to 2000 mv/G Sensors)	Gain 10.0 ±0.01% Common mode 0–20 V Common mode rejection 80 dB	
X10 (For 0.1mv to 500 mv/G Sensors)	Gain 1.0 ±0.025% Common mode ±0–11 V Common mode rejection 80 dB	

