

PiezoBuzzer using USB DAQ

Goal is to use the NI DAQ inherited from MNS for triggering the piezo buzzer.

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APS4812B-LW100-R
48mm Piezo Speaker

Product Overview

- 48mm diameter speaker built using a piezo ceramic for minimum current draw
- Designed to work with TTL or CMOS signals as high as 30Vp-p
- Only 2.2 mm thick for slim devices that need high output
- Convenient 100mm leads for quick connection

Frequency Response (5Vp-p @ 10 cm)

Frequency (Hz)	Sound Pressure Level (dB)
100	46
200	52
300	60
400	68
500	70
1000	60
2000	70
3000	94
4000	75
5000	58
6000	70
7000	85
8000	82
9000	94
10000	65
15000	80
20000	90

compliance: cfsi, RoHS Compliant, REACH COMPLIANCE

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The DAQ comes with

Installing the DAQ on Ubuntu

Does not work. Switched to Arduino Uno.

From: <http://wiki.scholz-lab.com/> - Scholz Lab Wiki

Permanent link: http://wiki.scholz-lab.com/doku.php?id=wiki:documentation:monika:piezobuzzer_using_usb_daq&rev=1595599499

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