QS-DS-PhysBell-22-A
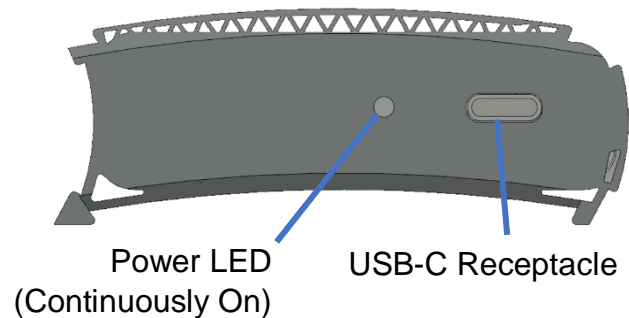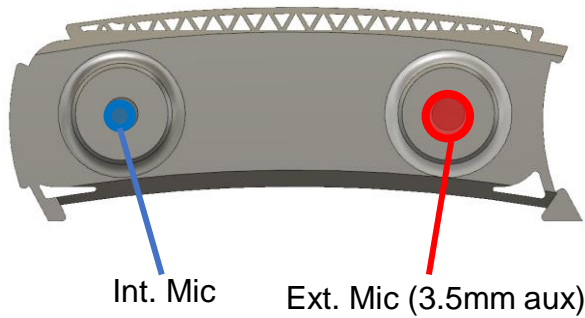
Datasheet

Qosain Scientific PhysBell

Introduction:

Equipped with a calibrated microphone, PhysBell quickly detects and displays sound waveforms and noise levels. PhysBell also features an audio jack, allowing any microphone or speaker to be attached and extended into precise locations. With a fast response time, PhysBell can be used to detect collisions and investigate the mechanics of objects.

Int. Mic   Ext. Mic (3.5mm aux)

- Investigate interferences, beats, and resonance

Power LED (Continuously On)   USB-C Receptacle

Features:

- 3.5 mm audio cable jack included
- Calibrated microphone included
- PhysInstrument Class: Analog
- Connects with PhysLogger

Specifications:

- Range: dB
- Accuracy:
- Resolution:
- Frequency response: > 8 kHz
- Mechanical
  - Weight:

Typical Applications

- Condition monitoring of machines
- Regulate safe noise levels in workplaces and apartments
- Accurately time collisions and bounces
- Explore the Doppler effect

Resources

- Instrument URL:
  www.physlogger.com/PhysBell.html
- Discussion:
  www.community.physlogger.com/c/physinstruments/physbell/49