

# ZIPPY INSTRUCTIONS

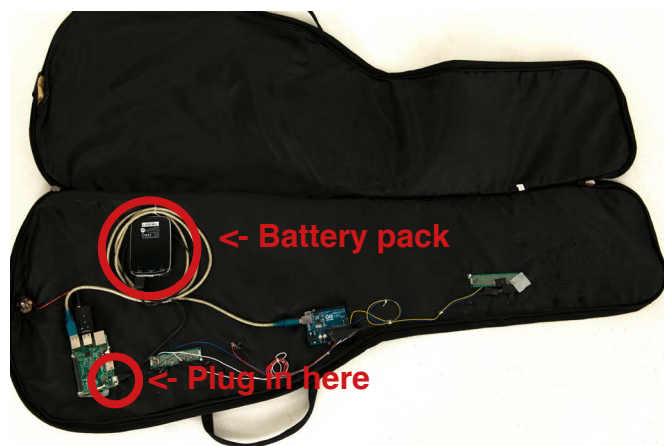
What you need:

- 5V USB Battery Pack Raspberry Pi compatible

(Most Battery Packs should be fine. However some cheap ones might not work properly (to few Ampere or not consistent enough))

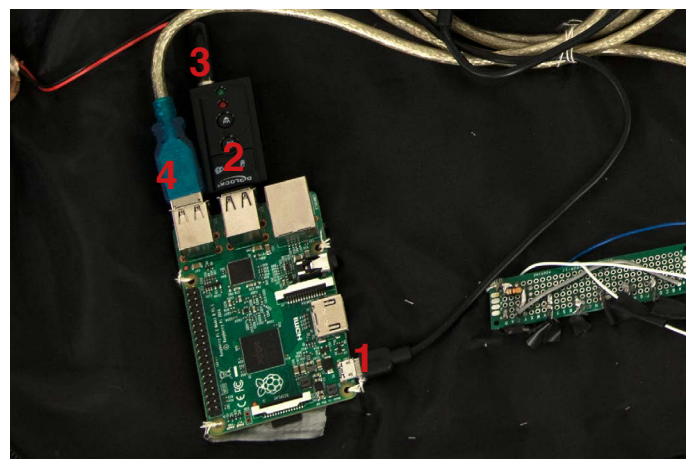
- Guitar AMP

- Instrument Cable 6,3mm



1. Plug USB Battery Pack into Raspberry Pi. The Battery Pack can be placed somewhere inside the bag.

- If it is heavy it may be better to use some Gaffa tape to attach it.
- When the Raspberry Pi is blinking everything should be fine. Some Battery Packs have a button to turn them on
- Every now and then the Battery Pack will be empty and must be replaced. When the guitar is not making sound anymore, the battery is empty



(Close-up - It should look like that: )

1. USB Battery Pack Connected
2. USB Soundcard plugged into Raspberry pi
3. Audio Connector Plugged into Soundcard (green)
4. Arduino Connected To Raspberry Pi via USB



2. Plug the Guitar Cable into the Jack on the outside. Plug the other end in the AMP. Turn on the AMP & rock on!

Please note: If some notes stop working during the exhibition, it is most likely that the conductive thread doesn't make contact with the zipper anymore. I sent some conductive thread and a needle with the guitar. You can just add some stitches of conductive thread to the not working position and it should work.

# HOW TO PLAY



Please note:

- If vibrato zipper stays not on the same position as in the image (= not on the right), the guitar might sound out of tune (because vibrato would be always on then).