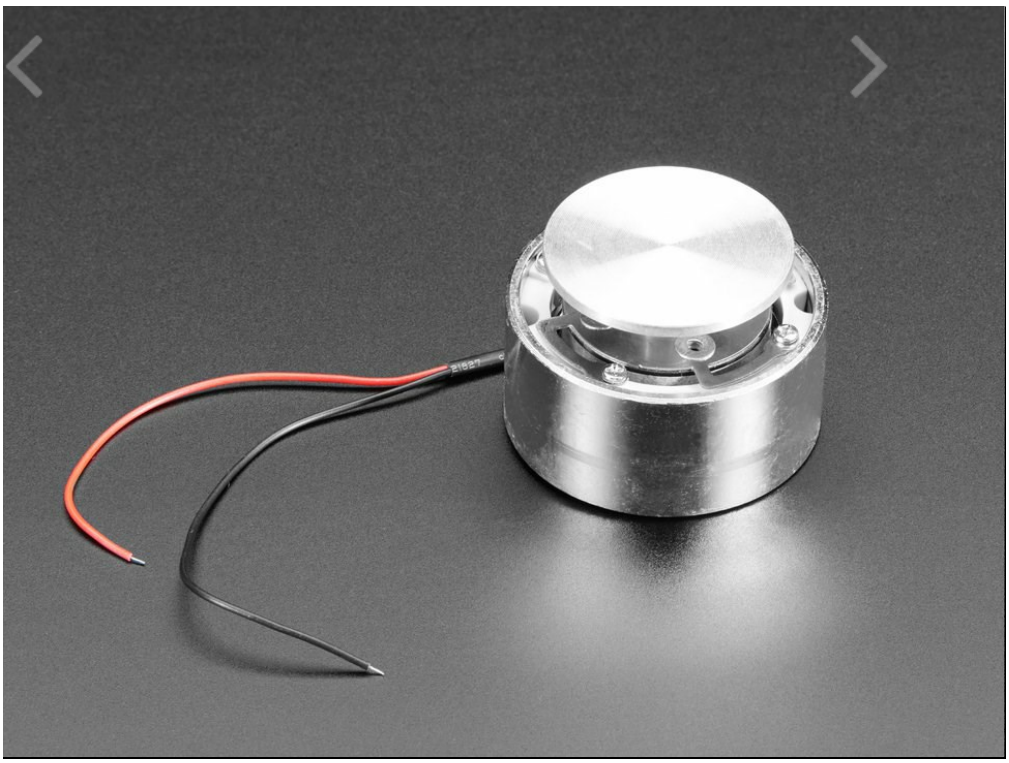

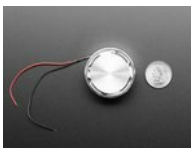

Large Surface Transducer with Wires - 4 Ohm 5 Watt

PRODUCT ID: 1784

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DESCRIPTION

Turn any surface/wall/table etc into a speaker with a surface transducer. This type of speaker does not have a moving cone like most speakers you've seen. Instead, a metal rod is wrapped with the voice coil. When current is pulsed through the coil, the magnetic field causes a piece of metal to expand and contract - and if it's pressed against a surface it turns the transducer into a speaker!

Often these size transducers are pressed up against a flat surface to turn it into a sounding

board. The effect is a surprisingly clear sound that comes from the surface itself. The body of the transducer is heavy so that it can be placed with the top down on a table. And for another fun trick, put the transducer at the end of a large plastic cup to point sound in a particular direction.

This transducer is about 45mm in diameter and has 4Ω impedance and should be run at about 5W. It's slightly larger than the Medium Surface Transducer. It pairs great with any of our audio amps such as the TS2012 breakout, MAX98306, or you can even try the 20W amplifier, just keep the gain down so you don't overdrive the transducers. Just connect it as you would any other speaker, we even have some wires pre-soldered on.

TECHNICAL DETAILS

Revision History:

- As of July 10, 2018 this transducer no longer has a rubber pad on the transducing element.

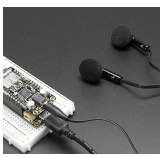
Dimensions:

- Height: 27mm / 1"
- Diameter: 45mm / 1.8"
- Length of Wires: 120mm / 4.7"
- Weight: 174g

Specs:

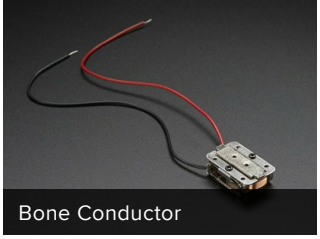
- Impedance: 4Ω
- Power rating: 5W
- Datasheet

LEARN



Adafruit Music Maker FeatherWing
Bumpin' tooonz for your Feather board

MAY WE ALSO SUGGEST...

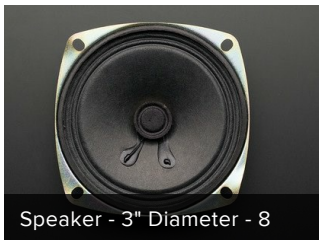

Bone Conductor

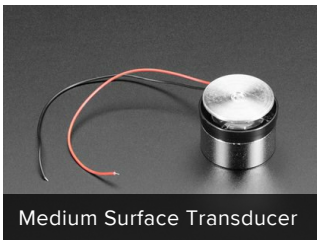
Stereo 3.7W Class D Audio


Speaker - 3" Diameter - 4

Electret Microphone


Thin Plastic Speaker


Speaker - 3" Diameter - 8


Medium Surface Transducer


Stereo 2.1W Class D Audio


Mini Metal Speaker w/ Wires

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"One never notices what has been done; one can only see what remains to be done" - Marie Curie