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Hersteller: littleBits education

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littleBits Makey Makey

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Inhalt: 1 Stück

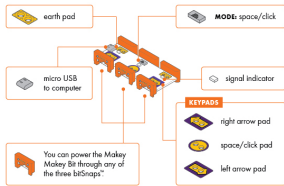
inkl. MwSt. [zzgl. Versandkosten](#)

In der Regel an Lager, Lieferzeit ca. 1-3 Werktage



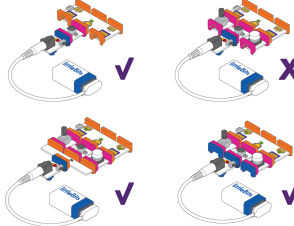
Produktinformationen "littleBits Makey Makey"

Das Makey Makey Board ist eine kleine Platine, mit der sich beliebige Objekte in Computertasten umwandeln lassen. Invert-Körner-Zähl, lassen sich selbst besteuern, und Berührungssensoren, Infrarotsensoren, Computertasten und viele mehr. Das ist ein Experimentier- und Lern-Kit. Das Makey Makey Board kann mit jedem beliebigen Computer (Mac, Windows, Linux) verbunden werden. Das Makey Makey Board ist ein Experimentier- und Lern-Kit. Das Makey Makey Board kann mit jedem beliebigen Computer (Mac, Windows, Linux) verbunden werden.

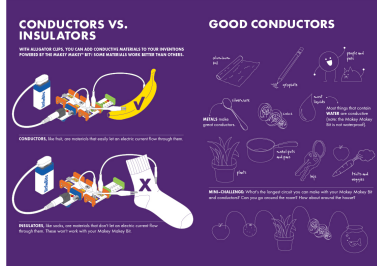


When you connect the MAKEY MAKEY Bit to your computer with the micro USB cable, it can act like a keyboard or mouse, controlling LEFT ARROW, RIGHT ARROW, and SPACE/CLICK. For example, when you touch the SPACE/CLICK pad and an EARTH pad, it is the same as pressing the spacebar or left click on your mouse. The MAKEY MAKEY Bit also has two sensor pads (touchpads) by using the object or conductive material to complete a connection between either one of the EARTH pads and any one of the three keypads (LEFT ARROW, RIGHT ARROW, SPACE/CLICK). To get a quick sense of how the Makey Makey Bit works, touch up a power Bit to any of the three input buttons of your MAKEY MAKEY Bit, and turn the power on. Place one finger on the EARTH pad, then another finger on any of the three keypads – the signal indicator (small LEDs below each keypad) for the corresponding keypad should light up, because you are connected.

POWER
The MAKEY MAKEY Bit can run on both the 5V(GND) and USB(GND) power Bits. The power Bit can be connected to any of the three input littleBits pads. The MAKEY MAKEY Bit will only power the input Bits that it is triggered by. If you want to power all three inputs with a single power, you will need to use a bit or power/charge. The MAKEY MAKEY Bit does not draw power through its micro USB port – it will require a power input when connected to a computer.

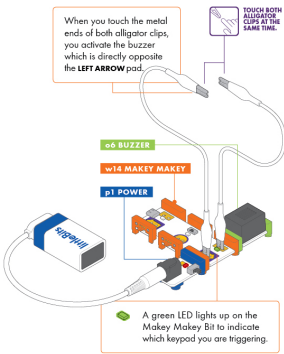


CONDUCTIVE MATERIAL
Using your alligator clips, you can connect your MAKEY MAKEY Bit to almost anything. Attach an alligator clip to one of the EARTH pads and another alligator clip to any one of the three keypads (LEFT ARROW, RIGHT ARROW, SPACE/CLICK). Attach the free end of the alligator clip to objects and materials around your household to see if they are conductive.

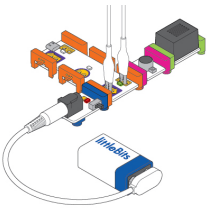


Keep in mind that touching the free end of the alligator clips with your hands will complete a connection, triggering the MAKEY MAKEY Bit – this might make you think an object is conductive, when it's not. All metals are conductive in varying degrees of sensitivity. Aluminum foil and aluminum tape are especially handy for making conductive surfaces. Most fruits and vegetables are also conductive because of the water inside them, which means you might have to poke the alligator clips into the fruit or vegetable to use it as a touchpad. There is also conductive, but keep in mind that the MAKEY MAKEY Bit is NOT waterproof. Any metal conductivity is also great for giving your MAKEY MAKEY Bit some music. This is particularly useful if you are working on a larger scale, and want to have touchpads all the way around the room. Instead of wire, you can also use conductive thread. When you do this, make sure that the thread is in contact with the conductive thread. The thing to keep in mind about conductive thread is that it is un-insulated, which means that any contact with any point on the thread will complete a connection, and trigger the MAKEY MAKEY Bit.

MAKEY MAKEY OUTPUTS
When using the MAKEY MAKEY Bit, note that the keypad you select (LEFT ARROW, RIGHT ARROW, SPACE/CLICK) will correspond to the output littleBits directly across from those keypads.



You can use the MAKEY MAKEY Bit to trigger any output Bits. One thing to keep in mind is that your output will be active only while you complete the connection between the EARTH pad and one or all of the three keypads (LEFT ARROW, RIGHT ARROW, SPACE/CLICK) – the output stops as soon as you break the circuit. For added complexity and interactivity by adding input Bits between the MAKEY MAKEY Bit and the output Bits you want to activate. In this way, you're only able to activate the outputs by both completing a connection on the MAKEY MAKEY Bit AND triggering your input Bits at the same time.



Also make sure to visit MAKEY MAKEY's [website](#) to check out more tips and tricks, as well as some awesome computer programs and games that can use your MAKEY MAKEY and other Bits.
Bildungswelt: Zyklus 2, Zyklus 3
Programmiersprache: Google Blockly
Fach: Medien und Informatik (LPZ1), Robotik/Mikrocontroller

Weiterführende Links zu "littleBits Makey Makey"

- [littleBits.com/Makey](#)
- [littleBits.com/Makey-Makey-Kit](#)
- [littleBits.com/Makey-Makey-Kit-2](#)
- [littleBits.com/Makey-Makey-Kit-3](#)
- [littleBits.com/Makey-Makey-Kit-4](#)