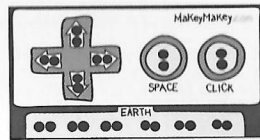




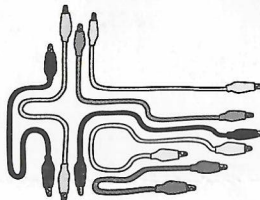
Makey Makey® is an invention kit for the 21st century. You can use it to turn everyday objects into keys for your computer.

Learn more at makeymakey.com/howto

What's in the box?



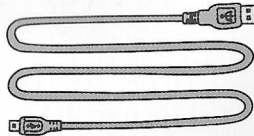
Makey Makey® Board



7 Alligator Clips



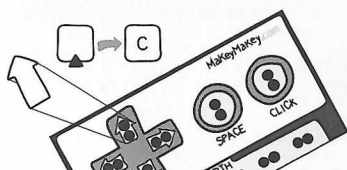
6 Connector Wires
(not included in all kits)



USB Cable

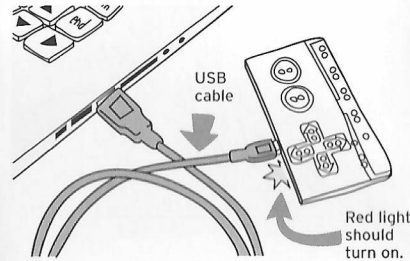
Need different key presses?

Visit makeymakey.com/remap to reassign more than 50 different actions to your Makey Makey.



HOW TO USE IT

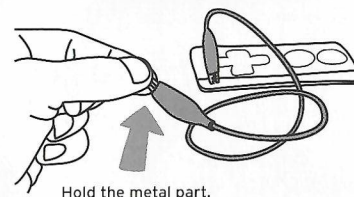
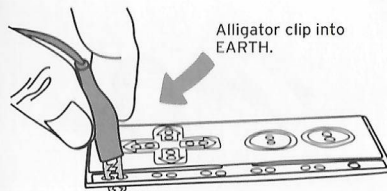
1. Plug board into computer.



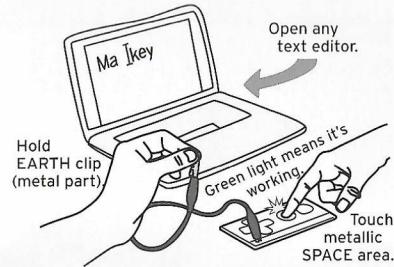
2. Close any pop-ups.



3. Connect yourself to EARTH.

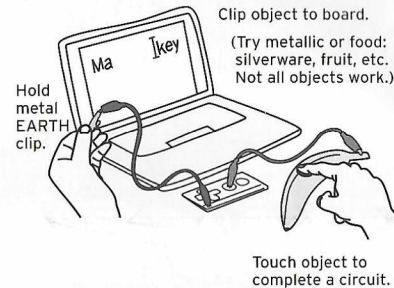


4. Try the board.

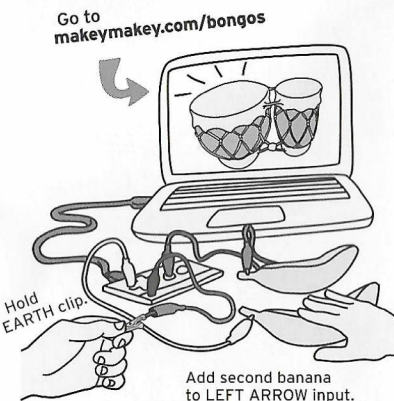


Your computer should think space bar was pressed. If not try pressing more firmly or licking your finger.

5. Connect everyday objects.



6. Make banana bongos!



When you touch bananas, computer thinks you're pressing space bar and left arrow key. At this web

HELP

I can't get a key to press!

PLUGGED IN? Make sure your Makey Makey is plugged into the computer.

RED LIGHT? The Makey Makey should have a red light on the back showing that the power is on. Is it lit? If not, something is wrong with the computer, the USB cable, or the circuit board.

SKIP THE CLIPS: Using only your fingers (not the alligator clips at first) touch EARTH and SPACE at the same time to see if a connection is made. If not, the alligator clip could be the problem.

GREEN LIGHT? When you make a connection, you should see an LED light up on the front of the Makey Makey.

KEEP IT SIMPLE. Try making a connection in the simplest way you can. One way is to connect an alligator clip to EARTH and then touch the other metal end of the clip to SPACE.

CONDUCTIVE? When you are making a connection using everyday materials, they need to be at least a little bit conductive. For example, Play-Doh, a banana, your skin, or aluminum foil should work, but plastic, most fabrics or paper will not work directly. You can always combine materials - for example, by wetting the paper or putting Play-Doh onto the plastic.

One of the keys won't stop pressing over and over!

UNPLUG AND REPLUG? Try unplugging the Makey Makey from your computer, then plug it back in again.

BAD POWER SUPPLY? If you are using a laptop, try disconnecting the power supply from the wall and use the battery instead.

REBUILD? Disconnect all of your alligator clips from the Makey Makey, then start reattaching them one by one. If your stuck key is still pressing, have a look at your connections. They might be touching accidentally somehow. Try taking things apart and putting them back together again.

ACCIDENTALLY GROUNDED? If one of the objects connected to the Makey Makey is your own body, then perhaps you are "grounded" to the earth via touching your computer's metal case, or by not wearing shoes. Take a step back and see what you are touching.

SHORT CIRCUIT? Perhaps one of the objects connected to the Makey Makey that you think is well insulated is not. For example, if you connect a banana to your Makey Makey and it's sitting on a wooden cutting board, is that cutting board moist or dry? If it's moist, then perhaps all of your bananas on the cutting board are connected to each other through the cutting board. Try a dry table instead.

TOO WET? Is it raining? Is it extremely humid? Are you in a rainforest? This can sometimes cause porous materials, such as paper or clothing, to become conductive.

It works sometimes, but not other times. :(

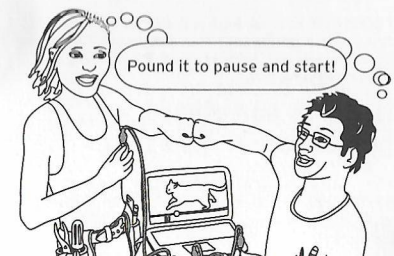
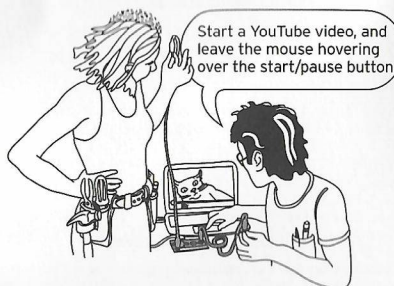
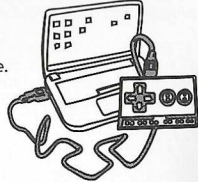
Your materials might not be conductive enough. For example, if you are making a connection with your fingertip, it can help to moisten your skin by licking it.

IDEAS TO GET YOU STARTED

Fist Bump Remote Control

You need two people.

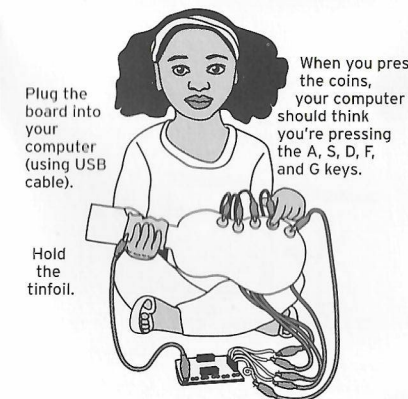
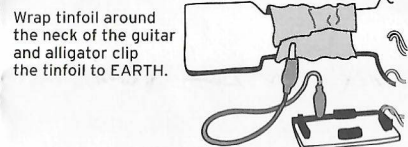
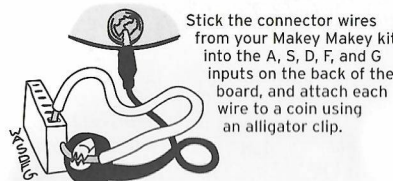
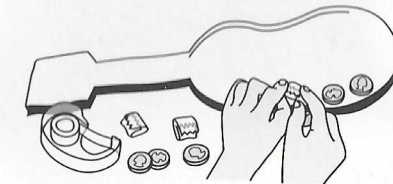
Connect Makey Makey to computer using USB cable.



Cardboard Guitar Game

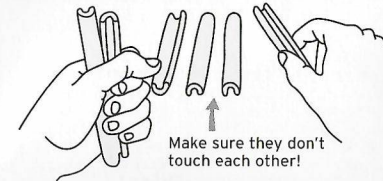
You need a piece of cardboard, tape, five quarters or other large coins, scissors, and some tinfoil.

Cut a guitar shape out of cardboard. Make five little sticky-side-out circles of tape and attach the five coins to the edge of the guitar.

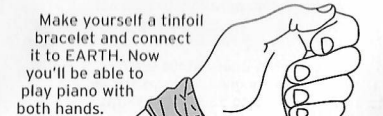
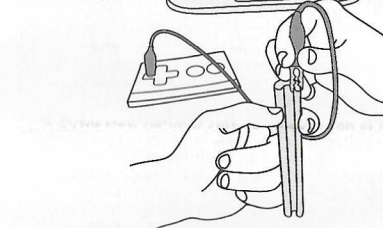
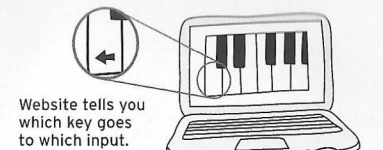


Veggie Piano

You need some veggies and a piece of tinfoil. Arrange vegetables like piano keys.



Go to makeymakey.com/piano. Clip the veggies to the inputs on the board.



Makey Makey® Limited Warranty

What does this Limited Warranty cover?
This warranty covers any defects or malfunctions in your new Makey Makey (consisting of the Makey Makey circuit board and the supplied USB cable, alligator clips, and connector wires) if purchased through JoyLabz LLC or one of our authorized retailers.

How long does this Limited Warranty last?
This warranty will last for a period of ninety days from your original date of purchase. In addition, the warranties of merchantability and fitness for a particular purpose that are implied by law will last for a period of one year from your date of purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

What will JoyLabz do if your Makey Makey is defective?
If your Makey Makey fails to function as described in our documentation, email support@joylabz.com with a copy of your receipt and a brief written description of the problem. Or write to:

JoyLabz LLC
16 North Brevard Avenue
Cocoa Beach, FL 32931 USA

If we determine that you are covered by this Limited Warranty, we will send you a replacement for all non-functioning Makey Makey components at no additional charge to you.

You must contact us, and if requested, return non-functioning components to us, within ninety days in order to be eligible for a replacement.

What is not covered by this Limited Warranty?
This Limited Warranty does not cover any materials not included in your Makey Makey kit, or any problems caused by abuse, misuse, or an act of God, such as damage caused by floods or fires. Also, consequential and incidental damages are not recoverable under this Limited Warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

What are your rights under state law?
This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any wires without connecting means should not insert into socket outlets. The packaging must be retained since it contains