



## Joystick USB AMIGA



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updated 27. 7. 2024 | published 27. 7. 2024

### Summary

Good old Joystick for your PC or Amiga

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A new version of the joystick for playing your beloved games. You can make it as a USB joystick (Arduino Pro Micro required), or as a version for Amiga computers.

I made a little more effort this time and this version of the joystick works much better than the previous model :)

Arduino programming requires ArduinoJoystickLibrary by MHeironimus. I attach the project for Arduino IDE. This is practically an example straight from the library.

You can easily find information on how to connect the wires on the Internet.

Required parts:

10mm steel ball with M4 hole.

M4 25mm screw

A spring from 10mm diameter and about 11mm long

Micro-switches large and small.

Several M3 screws 10, 12, 15, 20mm

I hope you guys like it.

UPDATE:

These changes are untested

Base has been reworked. Added two extra switches. Arduino moved to the opposite side.

- You will unfortunately have to cut the terminals a bit :(
- USB Cover has been mirrored
- Added Top cover with extra buttons
- Added Button nr 3 and 4

## Model files



**block\_1.stl**

|| For holding Arduino

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**frame.stl**

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**ring.stl**

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**plastic\_spring.stl**

|| x4

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**block\_2.stl**

|| for holding amiga cable

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**base\_amiga.stl**

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**switch\_base.stl**

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**button.stl**

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**usb\_cover.stl**

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**trigger.stl**

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**elastic\_cover.stl**

|| TPU

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**stick.stl**

|| Must be strong. PETG

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**right.stl**

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**top\_cover.stl**

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**base\_usb.stl**

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**left.stl**

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**usb\_cover\_updated.stl**

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**base\_usb\_updated.stl**

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**button\_4.stl**

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**button\_3.stl**

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**top\_cover\_extra\_buttons.stl**

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**base\_amiga\_extra\_buttons.stl**

## Other files

**joystick2.ino**

|| Arduino IDE file

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