

## Switch Boxes

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### What is a switch box/adaptor?

A switch box/adaptor is simply a box or adaptor that allows you to use switches with a computer. It allows switches to be connected to one of the standard ports on the computer.



**SEMERC Serial Switch Box** This box simply plugs into the Serial port of a PC and allows up to 2 switches with 3.5mm jacks to be connected.

**Advantages:** Cheap and robust.

**Disadvantages:** Needs software designed for switches e.g. products marked with switch logo in catalogue. Needs serial port.

**Similar to:** Crick serial switch box, Inclusive serial switch box

### Serial Switch Adaptor

Does same job as SEMERC serial switch box, but supplied with switch driver software to allow either of the two switches to replicate any of the keyboard or mouse keys.

**Advantages:** Cheap, comes with switch driver software.

**Disadvantages:** Needs software designed for switches e.g. products marked with switch logo in catalogue, or setting up switch driver software. Need serial port



**Similar to:** SEMERC serial switch box, Crick serial switch box, Inclusive serial switch box, Crick USB switch box, Mouser 3, Mouser 4, Don Johnston switch Interface pro, but only allows for 2 switches to be connected.

### SEMERC Mouser 3

Plugs into PS2 port, allows up to three switches to be connected, which replicate left, right and middle mouse clicks.



**Advantages:** Works with lots of software, including any product market with the switch logo in the catalogue. Allows mice and tracker balls etc to be switch modified, i.e. pressing a switch makes the mouse click. Splits the mouse port into two allowing a second device to be used. Switches off the mouse buttons on a device.

**Disadvantage:** Needs switch software or software that uses mouse click, can't replicate keyboard key presses.

**Similar to:** Unique product (only Mouser 4 which does more)

### SEMERC Mouser 4

Plugs into USB port, allows up to three switches to be connected, which replicate left, right and middle mouse clicks.

**Advantages:** As Mouser 3 and also converts USB to PS2 to allow older PS2 devices to be used. Works with PC and Mac.



**Disadvantage:** Needs switch software or software that uses mouse click, can't replicate keyboard key presses.

**Similar to:** Unique product



### USB Switch Box (Crick)

Allows up to 4 switches to be connected via the USB port, comes with software to allow the switch to replicate and mouse or key click.

**Advantages:** Comes with software that supports Mac and PC.

**Disadvantages**

Expensive, needs USB port, need to setup software to use.

**Similar to:** Joybox and Joy Cable.



### Joy Cable

This is a USB version of the Serial Switch Adaptor, supplied with switch driver software to allow either of the two switches to replicate any of the keyboard or mouse keys.

**Advantages:** Cheap, comes with switch driver software.

**Disadvantages:** setting up switch driver software. PC only.

**Similar to:** Crick USB switch box and Joybox, but only allows for 2 switches to be connected.

### Joybox

This is the ultimate USB switch box, supplied with switch driver software to allow any of the up to 12 switches to replicate any keyboard press or mouse click.

**Advantages:** Good value for money (same price as USB switch box),

**Disadvantages:** Needs USB port, does not work on Mac

**Similar to:** All the other switch boxes except Mouser.



### Don Johnson Switch Interface Pro

Connects into keyboard port (keyboard then plugs into the switch interface). Allows up to 5 switches to replicate keyboard presses.

**Advantages:** Does not need software, works with PC's and older Macs

**Disadvantages:** Expensive, not as versatile as the Joybox or USB switch box.

**Similar to:** Joybox and USB switch box.