

Compusult Limited

Assistive Technology

Compusult is now offering the USBox - a Four Channel Relay Board controlled by your Computer USB port.

### **Better Control of Your Devices**

The **USBox** allows computer-controlled switching of external devices and features four SPDT Relays controlled by a USB port on your computer. Our **USBox** is ideally suited for physically disabled persons and the physically challenged to help activate devices in their environment.



# Use with any Mouse - Including Compusult's Jouse2 and Jouse3

The **USBox** includes software that allows you to control up to four external devices using any mouse, including Compusult's Jouse2, Jouse3 and assist-i's OAK software. You can also control more devices by using multiple USBoxes attached to your computer.

**Jouse2** - Jouse2 is an advanced USB mouse that you control with your mouth. With Jouse2, nothing is attached to you, giving you greater independence. It easily mounts to almost any desktop, wheelchair or bedframe and can be operated with your mouth, cheek, chin or tongue.

**JOUSC3** - Jouse3 is an updated version of the Jouse2 and is a USB 2.0 plug-and-play solution. No external power is required to operate the Jouse3 and it allows you to control two switchenabled devices.









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# **An Ideal Solution**

Our joystick-operated mouse, coupled with the **USBox**, is a perfect solution for those who require additional assistance when using a computer and mouse. The **USBox** recognizes the Jouse2 and Jouse3 as a standard USB mouse, allowing the monitoring and management of various external devices.

## **Many Useful Applications**

The **USBox** is used to help build projects involving robotics and home automation. It also helps users control different electrical devices like home lights, DC motors, pneumatic cylinders, lasers, etc. Each board requires one USB port; the more USB ports you have, the more relay units you may connect and control.

### **Connect to OAK Software**

OAK, by assist-i, is a touch-free switch software product that can create non-contact switches for the user using the human motion tracking of Kinect. By connecting the **USBox** with OAK software, you can operate switch-activated devices.

#### **USBox Can Be Used For:**

- Home Automation
- Robotics
- Alarms
- Timers
- Opening doors and windows via PC
- Aquarium Applications







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