



# EKS: OTUS CONTROLLER





### Functional Design

To meet the needs of professional artists, all the controls are of the absolute best quality. The placement of each control has been optimized for usability and for show factor. All of the key functions are placed closest to the DJ, while effect orientated controls are placed further away. Otus is also designed to fit on top of a standard vinyl turntable. This makes it easy to fit it in any DJ booth. Otus weights 2kg, so it's firm and sturdy but still retains its portable nature.



### Future Proof Control Layout

10 control knobs, 17 low travel buttons and 6 touch sensitive buttons - all controls freely assignable to suit the artists' personal needs. No mouse or keyboard is needed to perform. The controls are specially designed to meet the needs of the present digital world as well as the challenges of the future.



### 7,5" Jog Wheel

The heart of Otus is its illuminated, high resolution 7.5" jog wheel with both physical and virtual sensitivity adjustments. The touch sensitive top part of the wheel functions like a vinyl turntable, allowing you to scratch or cue the track by rotating the wheel. The outer rim of the wheel functions as a pitch bender. The LED illumination around the wheel enables two way communication with MIDI software in a configurable manner.



### Dual Layer Control Surface

Otus features two layers of controls, which can be easily swapped by pressing the switch button. This enables operating two virtual decks with just one controller. Layer changes are indicated by the change of the LED colour. **[Video clip coming soon]**



### Touch Sensitive Pitch Ribbon

The 80mm touch sensitive relative pitch slider with LED visualization enables highly accurate pitch adjustments. The amount of pitch is altered by sliding a finger on the slider, and the accuracy of the slider can be chosen on the fly by pressing the scale button, for example 1x/5x/10x. The LED indicates the pitch value, which is recalled as the user swaps the virtual deck. **[Video clip coming soon]**



### Integrated Soundcard with Dual Outputs and A Headphone Jack

Individual professional level analog and digital outputs for both virtual decks. The headphone output enables direct headphone preview.



### Touchpad

A touchpad for mouse or user definable X/Y effect control. This makes touching computer while playing unnecessary.



### Two Motion Sensors

Innovative motion sensor controllers for a whole new kind of visual deejaying. For example you can assign the sensors to a low pass filter and a high pass filter, creating a dynamic and showy band pass effect. The controls are one dimensional (up/down), preventing accidental adjustments while playing. **[Video clip coming soon]**



### Four Selector Jog Wheels

Each corner of Otus features an assignable jog wheel controller with an integrated select button in the middle - created for optimal file browsing or selecting effects and other features. **[Video clip coming soon]**

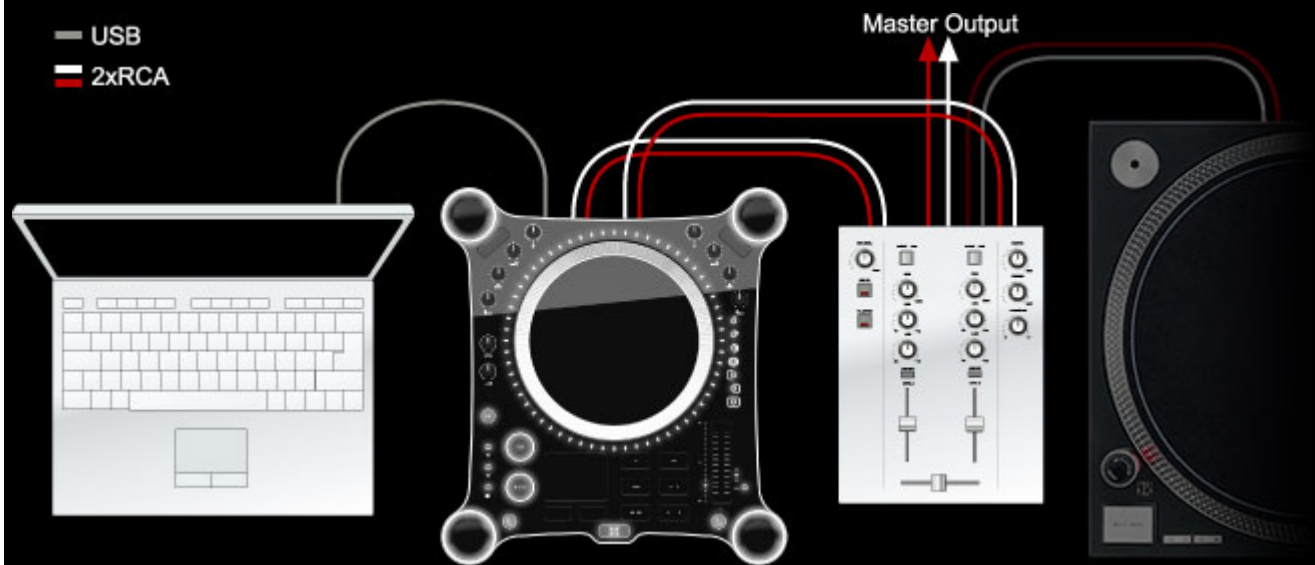


### LED Illumination

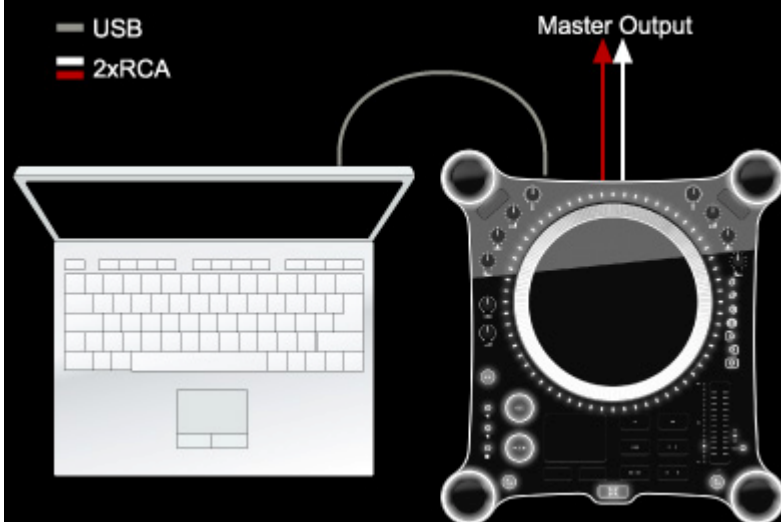
All controls are backlit by colour changing LED's for easy utilization in a club environment and other poorly illuminated situations.

## Setting up Otus

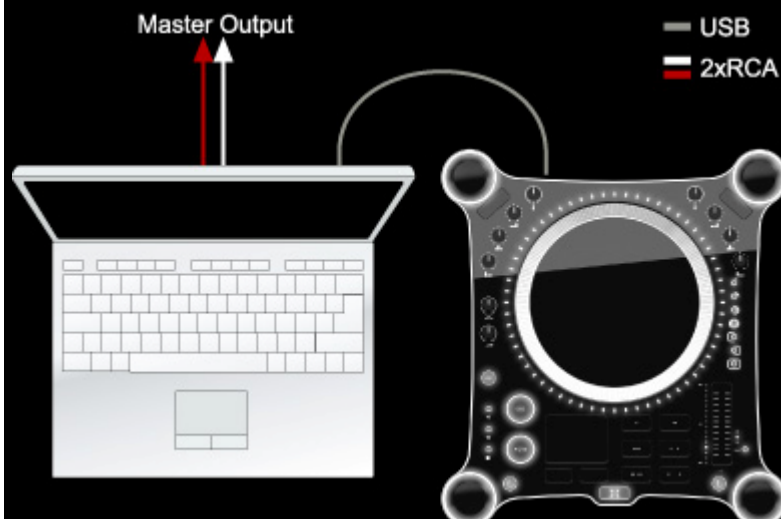
Otus can be configured in various ways: to work as a two channel audio interface, an all-in-one control device or a simple MIDI controller without audio. Here's a few basic ways to connect Otus to your DJ setup.



In the first setup the Otus is connected to a standard external DJ mixer of your choice. This allows a quick and easy setup in a club or in other hectic situations. Otus is also designed to fit on top of a standard vinyl turntable, which makes it easy to fit it in any DJ booth.



In this second setup the Otus is used as a all-in-one DJ control device, which can be connected directly to your amplifier or PA system. The Otus features a headphone jack, enabling direct preview of your music.



In the third basic setup the Otus is used only as a MIDI controller and the audio is routed through the audio interface of your computer or an external soundcard. This way you can utilize the Otus to control as many virtual decks as your DJ software of choice allows.

## OTUS Technical Specifications

Controls	Compatibility ASIO Core Audio Compatible with any software that supports MIDI learn USB2.0/USB1.1 Win/OSx/Linux
Audio interface	Integrated 24-bit 6ch audio interface 16bit/24bit, 44.1kHz/48kHz Frequency response 4Hz-24kHz SNR >115dB JEITA (a-weighted) THD+N 0,002% 2 x Burr-Brown I2S DAC 2,5V RMS (7Vpp)
Connectors	USB 4 x analog out RCA (two stereo outputs) 2 x out (spdif) 6.3mm headphone output
Dimensions	365mm x 335mm x 70mm
Weight	2 kg
Power supply	USB powered (450mA)