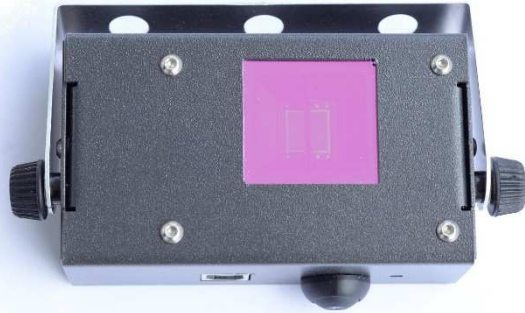


Lightdiction - KB2D Laser Harp Controller



PRODUCT DESCRIPTION

The KB2D Laser Harp Controller is a detection system working as a MIDI controller. It enables to send customizable MIDI messages just by touching / interacting with laser beams, and can be used with any laser projector system in order to create an interactive projection.

With the various detection modes available, it can be adapted to any show, from the easiest laser Harp system to the most complete Interactive “laserman” show and does not require any communication or synchronization with the laser projector. The KB2D also works for laser tracking application.

Thanks to an exclusive and innovative detection system (patent pending), it is actually the most compact, competitive and versatile Laser interactive device on the market.

The KB2D Interactive device can be combined with a 45° mirror to project the beams vertically for a Laser Harp configuration. Lightdiction proposes a special Mirror holder for this purpose. Both KB2D device and KVANT laser projectors can be fixed on it at the same time

Footswitches or other external MIDI controllers can be used to improve the flexibility of the device during shows.

TYPICAL APPLICATIONS

- Laser Harp
- Laser Tracking
- Laserman shows
- Interactive shows and entertainments
- Laser Games

FEATURES

- **Compact and light design**
- **Easy setup**
- **Up to 130 FPS detection rate**
- **Polyphonic detection**
- **Discrete mode** with up to 16 notes, or **Continuous mode** (127 positions) for **laser tracking**
- **2D detection** (angle and height), **Pitch variation** with height
- Power and communication through **USB**
 - **Dual MIDI In and Out** via USB
 - Low power consumption: 50mA (5V)
- **Laser sensitive**
 - Not sensitive to ambient light
 - Highly resistant to parasitic lights
- **Highly versatile system**
 - Can be used with any laser projector
 - No synchronization or communication with the laser
 - Detection parameters highly configurable
 - Can be connected to a Footswitch or any external MIDI device
- **High detection range**
- **Can be combined with Lightdiction's Mirror Holder** to project the beams vertically.

OPTIONS & ACCESSORIES

- Red filtering window: the KB2D will be sensitive to wavelength $> 625\text{nm}$
- Blue filtering window: the KB2D will be sensitive to wavelength $< 470\text{nm}$
- Clear AR window (the system will be more sensitive to parasitic light, but can also detect any wavelength (*By default, a green filtering window is placed: $510\text{nm} < 535\text{nm}$*).
- Mounting bracket with Mirror 65x40x6mm for KB2D and KVANT Laser projectors. This bracket enables to maintain the mirror at 45° and to attach it to the KB2D controller. It also enables to attach the whole (Mirror + KB2D) directly on any KVANT laser projector. This bracket is designed for Laser Harp configurations with vertical beams.

PACKAGE CONTENT

- KB2D Laser Harp Controller
- USB Cable
- Quick Start Guide with links, Interface software and Tutorials.
- (Optional) Mounting bracket with 45° Mirror for [KVANT Laser + KB2D]