Quick Start Guide

1. INSTALL THE KB2D USER INTERFACE

Last version of KB2D User Interface can be downloaded here: https://lightdiction.com/Ressources

The name of the program is KB2D_v3.53_setup.exe (version may vary, you should take the last version).

Install the program on a computer with Windows 7 or more (Win10 is recommended) and start it. If the program does not start because some files are missing, install "vc_redist" package:

https://support.microsoft.com/help/2977003/the-latest-supported-visual-c-downloads

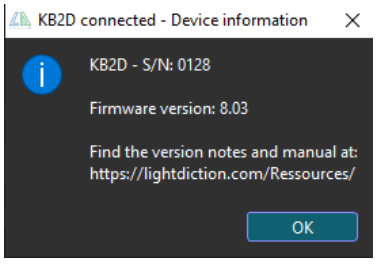
2. PLACE THE KB2D

If you have a KVANT Laser projector and the mirror holder by Lightdiction, attach the KB2D and the mirror as shown on the following picture:

Else, just place the KB2D in front of your laser projector to have a position similar to the one on the picture above. The window of the detection system should be centered (approximatively) relatively to your laser emission point.

3. CONNECT THE KB2D TO YOUR COMPUTER

Connect the KB2D to your computer with the USB cable. It should automatically install the MIDI drivers after a few seconds. Then, start the KB2D User interface. It should show the following window, with the **firmware version** and **Serial Number** indicated:



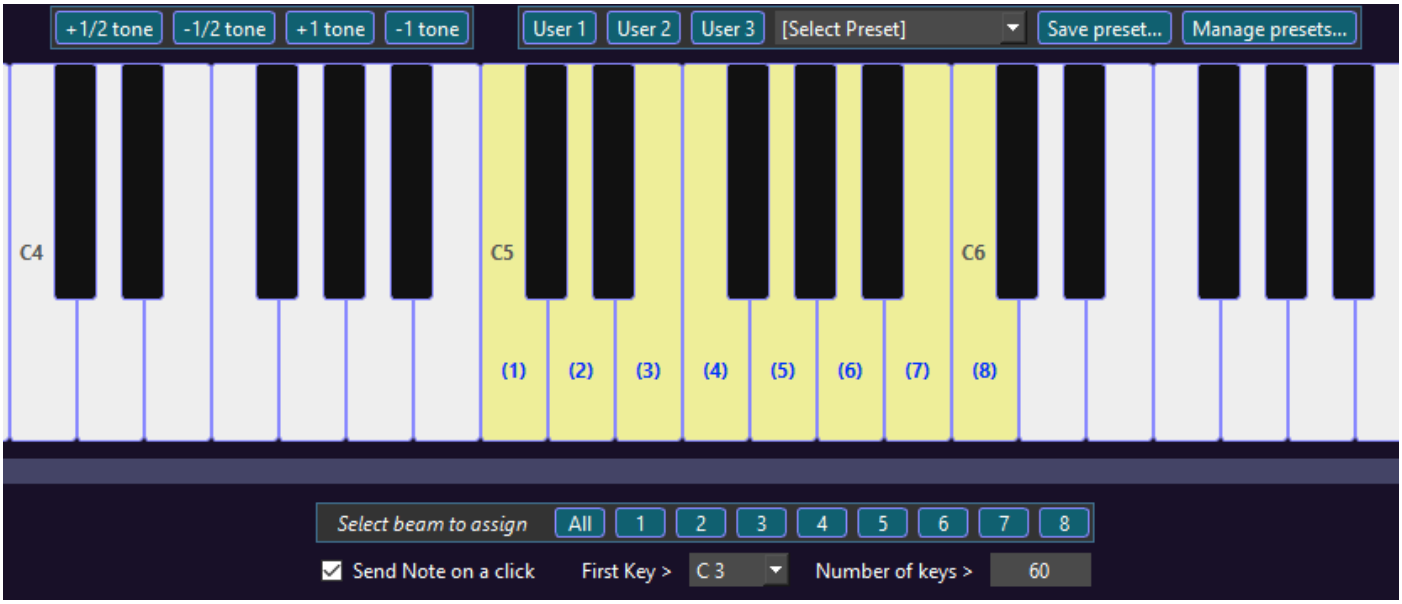
If you get an error and the interface cannot communicate to the KB2D, close all other programs that may use MIDI ports and restart the interface. In particular, start the KB2D interface preferably before your DAW.

4. START YOUR FAVORITE DAW

Start your favorite Digital Audio Workstation (or download and install one). Then, connect Midi In (KB2D Interactive) to your favorite DAW, if it is not already connected by default, to play the notes sent by the KB2D.

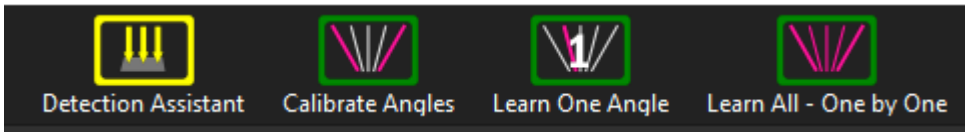
5. SELECT THE NOTES YOU WANT

Select the MIDI Notes you want the KB2D to send by clicking on a key on the keyboard and assign it to a beam number. This will also force the KB2D to send the note you selected to its MIDI Out. If you cannot hear anything, check that "KB2D Interactive" MIDI In port is correctly connected in your DAW.



6. CALIBRATE DETECTION PARAMETERS

Create a fan pattern on your laser, then click on "**Detection assistant**" (in top bar) and follow the instructions.



7. CALIBRATE ANGLES

Click on "**Calibrate Angles**" (top bar), and follow the instructions. After this calibration, the KB2D is automatically in "Start" state: the LED on the button on the KB2D device is now On.

That's it! Your system is now calibrated. You can play each note by interacting with the corresponding beam. You can fine tune beam position by clicking on **"Learn one"**. You can save parameters by clicking on "**Save in KB2D**".

Also, find the latest tutorials and information on our website, Facebook page as well as our Youtube Channel:

https://lightdiction.com/en/Products/Controllers-Laser-Harp/KB2D-Laser-Harp/
https://www.youtube.com/playlist?list=PL9pm3pVWGOjRc8xjM9ge5fBcOkJKMc88E
https://www.facebook.com/Lightdiction/