

SINDEN LIGHTGUN®

The official site for the Sinden Lightgun®

DRIVER SOFTWARE

The following software is for use only with official Sinden Lightguns® and not for distribution by anyone other than Sinden Technology Ltd ©2020.

Includes Windows software and drivers, Linux X86 software, Raspberry Pi software.

v1.07 publish 14th January 2022:

<https://www.sindenlightgun.com/software/SindenLightgunSoftwareReleaseV1.07.zip>

If you have firmware older than v1.06 please update inside the windows software to v1.06. Most new lightguns should already be on v1.06.

This includes the draft software and instructions for connecting to PS1 and PS2 hardware as either a Guncon45 or Guncon2.

There is an unofficial Raspberry Pi4 build linked on the wiki here:

https://sindenlightgun.miraheze.org/wiki/Raspberry_Pi_Setup_Guide

Main known issues from testing so far:

There have been issues with bluetooth modules, if you are having an issue with the app crashing, removing your module or disable it and try again.

Windows application may give an error when you load it without a lightgun connected.

Windows 10, trouble starting the lightgun, make sure that the Sinden Lightgun® app has camera permissions if you have more locked down permissions than standard. You shouldn't need to do this.

If playing 2 player and you have issues, try using a different usb controller where possible, connecting one at the front and one at the back, or try one in a blue USB3 port

and one in a black USB port. A powered hub in windows 10 for 2 player is unlikely to work.

When assigning keyboard presses to the buttons, capital letters are misbehaving, use the lower case letters for now. Upper case letters are being processed as a shift key which is wrong.

LED projector, did not work as fit for purpose on an LED projector, currently the recommendation is you need a lamp projector or maybe a laser projector (laser untested). The advice was always that it didn't work very well with cheap budget projectors the guidance is now clarified to say avoid LED projectors for now.

CRT screen. One user was finding the video feed of their CRT screen was flickering too much for the lightgun to work. It did work with a CRT tv when previously tested. Still trying to understand what the differences are to give clearer guidance or identify a solution.

In general when testing lots of different settings out and stopping and starting the lightgun continually, if you experience issues it is better to disconnect the lightgun, close the app and start again. If you can't get back to the performance you had before, maybe try a fresh install of the software. This is just a good way to rule things out.

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