Thank you for your purchase of the Helios Laser DAC!

http://pages.bitlasers.com/helios/

Getting Started

- Install drivers if necessary

On Windows 8 and newer, Mac, and Linux, the Helios should work out of the box. But on older Windows versions, such as Windows 7, you might need to manually install drivers before use. For instructions, see the website linked at the top of this paper. For Linux, you might need root access to detect the device. You can avoid this by setting up udev rules.

- Get some software

The Helios supports a range of programs, from full laser show suites to laser visualizers and synthesizers. For a list of popular software, see the website linked at the top of this page.

To get started, try our own product, *LaserShowGen*. A free version is available.

- Laser projector and cable

The Helios works with any laser projector that has an ILDA port. To connect to this port, you need a DB25 male to female cable, also called an ILDA cable.

To get the best experience, it is recommended to use a laser projector with analog color modulation. That way, you can take advantage of the Helios' full 16 million color range. To display complex graphics such as text, a scanner speed of at least 30kpps is desirable.

General information

The DAC includes a USB cable, and this paper. It comes with a one year warranty against defects. If you have any inquiries, you can contact gitlem@gmail.com

Do not throw electronics such as the Helios in the trash.

The user of the Helios is responsible for the safety and legality of laser operations. Refer to your local laws and www.lasershowsafety.org

The Helios is open source. A repo with firmware, software and hardware designs is available at www.github.com/grix/helios_dac