LED Controller

Unleash your gaming intelligence

Light up the room with Quixant's LED Controller

You want to create the best gaming experiences and need to make your games stand out from the plethora of machines out there. That's why Quixant's LED controller will be an essential component in your game development armoury. Driven by Illuminate, Quixant's LED software solution, it will enable you to bring your content to life with customised cabinet lighting sequences. Dedicated to game artists, it's compact and powerful, giving you the option to create, store and play back sequences, either streaming from a PC or independently.

Formerly known as QB-029, Quixant's LED controller is designed to synchronise RGB LEDs across multiple machines for maximum effect, enabling you to create the most memorable gaming experiences on the planet.

Its flexible design makes it an innovative solution to create eye-catching cabinet LED lighting effects on, which can be synchronised with in-game graphics. It can operate as a standalone LED controller or can be managed through a USB interface using Illuminate, Quixant's Cabinet LED software solution, which is embedded on Quixant's range of platforms as standard.

The combination of Quixant's LED controller and Illuminate empowers game designers to bring games to life with LED effects. It's easy to integrate into the game content using a simple GUI driven software interface, improving efficiency and reducing time-to-market.

Quixant's LED controller features

- Up to four independent channels
- Drives up to 1,000 LEDs
- Runtime LED pattern drive over USB
- Independent pattern playback from internal flash memory
- Pattern selection through GPIO
- Automatic random pattern generation
- Compatible with several different LED Strips (both 1-wire and SPI)
- Net-Sync: a network of Quixant LED controllers can display the same synchronised pattern through RS-485 serial connection
- Quixant's Illuminate software for sophisticated LED pattern design, which is available for Windows 7,8,10 and Linux (32 and 64bit)

Explore how Quixant will enable you to focus your development efforts on enhancing the player experience and launch world-class leading products in record time.

quixant.com