

# Light Wave

There are two light-based interactive components to Light Wave. The first is the touchless controller. Each one of the sensors is surrounded by a ring of lights. When not activated, they pulse and rotate slowly to draw people to the interaction point. When a sensor is activated, the ring lights increase in brightness and activity. This interaction sends a signal to nearly any type of lighting fixture to activate it in a variety of ways. In the case of VanDusen, 28 high powered RGBW lights were controlled. Each of the 14 pairs of lights was pointed at a tree in the maple grove. Waving hands over a sensor caused the trees to light up.

This touchless sensor technology can be applied to many other experiential activations and campaigns. We're currently busy connecting other technology to this state of the art controller, such as projections, event lighting, and more.

VIDEO LINK 



# Light Wave

## Customization Options



### Light Wave Touchless Controllers

The Light Wave experience starts with a sturdy array of touchless sensors surrounded by rings of light. Once activated by the wave of a hand, the lights jump to life, increasing in brightness and speed. The light reactions and colours as well as the controller can be customized to individual brand needs.



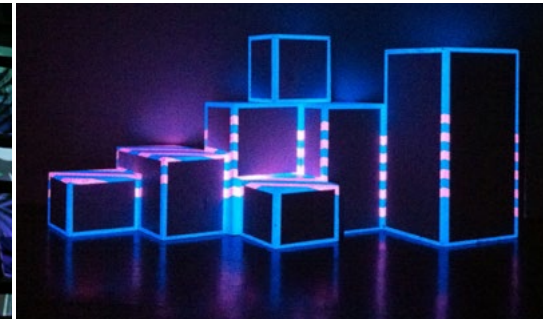
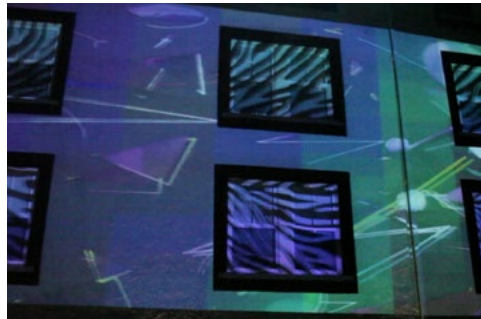
### Lighting

The Light Wave controller was initially used to control lights. It talked to lights using a universal lighting control language, so most theatrical and event lights can easily be used. Simple hand movements can cause a building, trees or a room to light up.



### Video Content & Projection Mapping

In addition to lights, the system controls projectors and tv screens. Custom branded video content can be created and then controlled by participants interacting with the Light Wave. There is a large library of existing content that can be used on its own or with custom content. A hand movement can cause a video to play or make part of a building light up with projectors.



### What's Next?

The Light Wave can be fully integrated with an event or brand. Let's talk about how we can customize it for your needs to deepen engagement and excite audiences.

Contact us at [rentals@hfour.ca](mailto:rentals@hfour.ca) for more information.