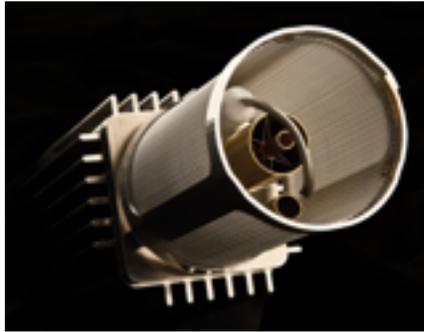




INTRODUCING FIREPIXELS

High Definition Flame Effects



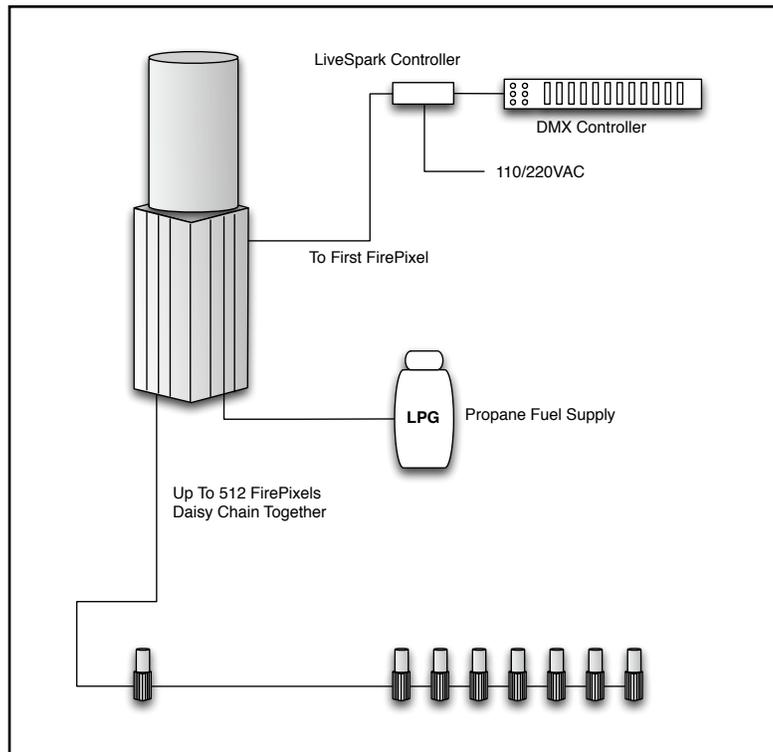
Imagine a stage with hundreds of responsive flames animating every touch of a guitar string, drum beat, and vocal note.

Envision a red carpet event lined with elegant torches where each flame can react with precision patterns customized for each person as they walk from the limo to the front door.

Consider the potential for high performance, controllable, safe, and cost effective flame effects in your next production.

Introducing the FirePixel from LiveSpark - a propane powered, self-igniting, auto-calibrating flame effect capable of producing a nearly infinite range from a candle flicker to a four-foot-high column of fire. The FirePixel technology delivers a highly luminous, smoke-free, soot-free, wind-resistant, flame that reacts at an industry leading 30ms, putting it in a class of control along with traditional lighting, but with far greater audience impact.

On stage and in production, fire has only known how to scream or be silent. Quick bursts and flares are perfect for those peak moments in a show, but how can you incorporate the dynamic range, beauty, and vibrancy that only fire can bring throughout an entire production?



FirePixels were designed for ultimate ease of use, portability, control, and safety. Each FirePixel responds 30 times per second and offers 256 selectable heights, to create smooth animations with low latency. The LiveSpark Controller works seamlessly with the lighting programs you are

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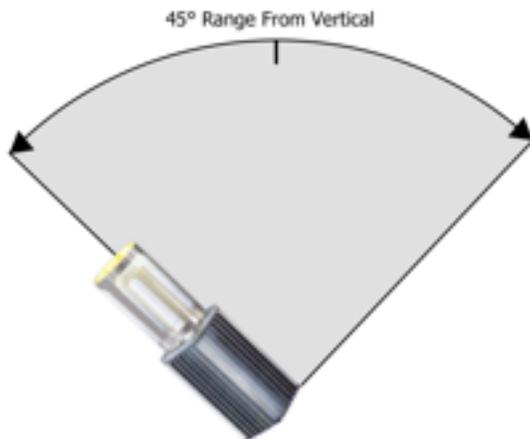
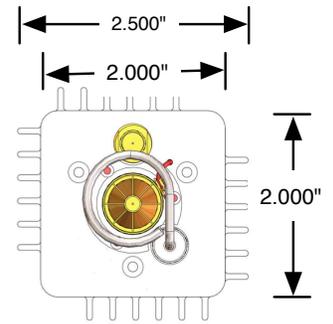
LIVE SPARK

A whole new visual dimension

FirePixels bring a new vocabulary and a full range of emotions to your productions. No other flame effect available today has the ability to express everything from a whisper of a flickering candle to a towering column of fire for those crescendo moments.

Only FirePixels allow chaining of over 500 individually addressable units providing a near-infinite variety of effects in fire. FirePixels support a full 45° range from vertical to create 3D graphic equalizer visualizations, complex sequences, and dramatic chain effects with the same control as traditional lighting solutions, and all in an easy, safe and reliable package.

- FirePixels light on the first igniter spark. They extinguish just as instantly.
- Internal diffuser and laminizing technology deliver a highly controllable flame that auto-calibrates to the environment. If the wind picks up, flame height adjusts automatically. When it dies down, FirePixels automatically reduce fuel velocity and flow.
- FirePixels are highly efficient, so they are capable of rapid flame height adjustments since there is less atomized fuel to burn. The maximum fuel flow rate at 25PSI is only 50 LPM. In typical use a FirePixel will consume less than 1G of fuel per hour.
- Supports both DMX and MIDI commands through the LiveSpark Controller with no computer or software needed. An ethernet port allows for UDP network command input using a wide range of third-party software solutions.
- Each FirePixel is put through a battery of tests and built to comply with NFPA 160, "Standard for Flame Effects Before an Audience." FirePixels have been approved for use by Fire Marshals in outdoor and larger indoor venues.
- FirePixels are manufactured in California by an ISO 13485 certified company with decades of experience building highly reliable precision systems.



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The LiveSpark Controller reports exactly what is happening with each FirePixel through the LiveSpark Stage3D visualizer application.