

Lasers: Dynamic Applications In Film, Video, and Business Theatre Productions

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You want an effect which is striking and dramatic, yet flexible to your script and staging. You know that no other lighting effect you've ever worked with will give you the unique look you require. You've got to have something that will knock the socks off your client's feet, and give your production a feel of excitement unlike ever before. What do you use? How about lasers.

Lasers create highly dramatic and impressive visual effects. A laser display seen live, or by film or video, has the ability to galvanize viewers and audiences alike. Simply put, a laser beam is an intense shaft of light which does not diverge appreciably over long distances.

For example: A beam of laser light can exit the laser projector at a quarter of an inch in diameter, and after traveling 200', will be only three inches round. This highly concentrated light also possesses extremely pure and vibrant color characteristics.

Atmospherics

Atmospherics are laser effects intended to be viewed through the air. Some examples of atmospherics are beams, fans, cones and tunnels. Beams can form three-dimensional latticeworks of high-intensity laser light in the air. Small mirrors can be placed on sets, floors, lighting trusses and other locations, and when brought into alignment

with the beams, can fill huge areas of space with brilliant laser beam sculptures. It is possible to send several individual beams out of the projector at any given time. This allows for any combination of beam paths to be on or off, and when sequenced quickly, can emulate a blazing "Star Wars" laser battle. It is even possible to have each beam path maintain it's own individual color identity.

In addition to beam sculptures, fans (planes of light) can be projected, which create an ethereal layer of intense light in any orientation. A derivative of the fan is a vertical cone, which begins as a single

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