

MEDIALON Controls Spectacular Volcano Show in Dreamland Aqua Park in UAE

SOURCE: [MEDIALON](#) · RELEASED: 1/20/2010

Dreamland Aqua Park in Umm al-Quwain is one of the largest water parks in the UAE with over 25 attractions for children and adults, surrounded with palm trees, a roaring volcano and replicas of wild animals.

Dreamland Aqua Park contacted Jean-Paul Jeannet, Director of The Brain Concepts company - a special effects design company working for the entertainment industry, to be the show designer and constructor of the newly-built "Volcano Dreamland" attraction.

The Brain Concepts selected Medialon to be the main show and media control system of "Volcano Dreamland" attraction which is located in the water park and offers visitors a unique experience inside the volcano itself.

When coming to the Volcano, visitors can watch a spectacular 3-minute show filled with fire and water explosions, roar sounds and many other special effects. The show runs 2 times daily, at 5 p.m. and 7 p.m., each day of the week, and the background fire and atmospheric effects run 10 hours a day.

One Medialon Manager V5 Pro license embedded in a Medialon Show Control Machine, allow controlling and synchronizing all the AV devices of the attraction, including a 15 000 Watt JBL & Yamaha sound system, a 14-meter long RGB LED wall, a smoke and fog generators, as well as a 16-meter long mist effect machine for spectacular special effects. Medialon also controls four propane-based flame projectors, especially designed for the park, which can reach a 15-meter height and that are displayed on a 16-meter long fire line. A fire ball and thermionic explosions, are also ejected up to 20-meter high above the volcano crater. Several water jets are surrounding the volcano to create an even more amazing show!

Thanks to Medialon Manager Panel, free touch panel design software, Jean-Paul Jeannet designed friendly-user control interfaces enabling the park's technical staff to remotely control the entire "Volcano Dreamland" attraction's show.

For safety purpose, an emergency stop button has been created to propose immediate turning off of the flame burners and propane flow of the fire line. The Brain Concepts has also installed a weather station in the volcano which measures wind speed, humidity, heat, etc., to offer maximum reliability and to ensure a successful show. All this info is sent via email to Medialon Manager central workstation.

"Medialon system is the main "brain". Thanks to it, Dreamland's park staff can start the show and check everything what is happening inside while the show is running.", said Jean-Paul Jeannet, The Brain Concepts director, special effects designer and constructor.

"The Medialon system is used for the full control of the show and attraction automation part. Without it, it would have been impossible to design such a great interface and to turn the volcano into life", concluded Jean-Paul Jeannet.

Some figures...

- 3,000 meters of electric cables pulled;
- 385 meters of pipes built;
- 180 liters of water propelled for water jet each day;
- 12 cubic meters of propane used each hour;
- 80 liters of propane used during each show.

For further information, please visit:

www.dreamlanduae.com
www.medialon.com

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