

Revolutionary Technology Illuminates ‘World of Color’

“I believe in being an innovator.” – Walt Disney

ANAHEIM, Calif. – Innovation is one of the foundations of The Walt Disney Company, and it took a team of innovators to develop the revolutionary technology that makes “World of Color” stand out among the world’s great water shows. The integration of media in this new, nighttime water spectacular is one-of-a-kind, creating an emotional journey through water, light and sound as characters come alive on a massive water screen.

Inspired by Walt Disney’s 1960s television series, “Walt Disney’s Wonderful World of Color,” this thrilling new show presents a visual kaleidoscope for its audiences. “World of Color” draws on a rich history of classic Disney stories and characters, as well as the new and innovative Disney•Pixar films.

Steve Davison, “World of Color” creative director and vice president, Parades & Spectaculars, Walt Disney Imagineering, calls the new show “a living ‘Fantasia’.”

“There’s no place like The Walt Disney Company,” Davison said. “Creative people are allowed to dream, to go way out of the box, try new experiments and invent new things.”

- The production uses one of the biggest show control systems ever built; more than 18,000 active points of control are precisely managed by a single system.
- The brilliant hues in the show are the result of specially created lighting (special LEDs) that infuses the nearly 1,200 fountains with light and color. This dazzling, colorful effect has revolutionized fountain lighting.
- The “World of Color” technology can create a 380-foot-wide water screen for digital projection, and yet it’s not just the scope that makes it spectacular. The water screen takes on live characteristics, changing shapes, creating special effects, and interacting with a variety of other media in the show: color, fire, lasers and fog.
- The “World of Color” fountains are programmed the way lights are in a rock-and-roll show, using elaborate light boards and switches.
- Creators of the show found four state-of-the-art lasers in Europe that are used to produce some of the wonderful illusions in “World of Color.”
- The moving fountains in “World of Color” will reach enormous heights. The fountains, capable of reaching from 30 feet to 200 feet high, are:
 - 600+ Grid Fountains
 - 400+ Chaser Fountains
 - 65 Dual Water Whip Fountains
 - 76 Single Water Whip Fountains
 - 12 Flower Spout Fountains
 - 10 Geyser Fountains
 - 6 Dancer Fountains
 - 4 Butterfly Fountains

- More than 100,000 digital images and several different animation styles – computer-generated, paper, sand, 2-D and 3-D animation – were gathered to create the fantastic, innovative visuals.
- The show uses 28 projectors (14 of them, submersible) to help bring the vibrant, colorful images to life.
- The 1-acre “grid” of fountains in Paradise Bay will function, in a way, like “pin art” or a “pin screen” toy, as fountains pop up, change shapes and shoot to different heights. The fountain table is bigger than a football field in length and divided into three sections. (It took a 400-foot-tall crane to install this giant platform.)
- The platform functions at three levels: under the surface for daytime, at “show” height in the evening, and above the water for maintenance.
- The huge underwater system features three submersible electrical rooms, each the size of a semi trailer and each weighing approximately 30,000 lbs. As the show is performing, these rooms can travel up and down with the platform like submarines, controlling the power and infrastructure that runs the fountains and lights.
- More than 75 miles of cable help control the lift tables and show equipment in the lagoon cable trays.
- The show spans Paradise Bay – a 3.5-acre lagoon, with more than 16 million gallons of water.
- A new audience area was specifically “imagineered” to provide viewing for guests, including some fountain surprises.

For information on “World of Color,” other Disneyland Resort attractions, or to plan a celebration or vacation at Disneyland Resort, visit www.disneyland.com, call 866/60-DISNEY or contact local travel agents. To explore the expansion plans for Disney California Adventure, visit www.DisneyCaliforniaAdventure.com.

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WOC TECHNOLOGY 5-11-10