

## Avatar monitored using JVC's GD-463D10 screens

JVC Professional Europe Ltd. is pleased to announce that Modern VideoFilm, a feature film and television post-production facility in Glendale, USA, used two JVC **GD-463D10** 46-inch 3D LCD HD monitors extensively during its digital intermediate (DI) work on Avatar.



Mark Smirnoff, president of studio services, of Modern VideoFilm handled the entire DI process for Avatar, providing finishing for theatrical distribution of both the 2D and 3D versions of the film. JVC's monitors enabled technicians to view the 3D images in real time while processing the 3D conform through its Quantel Pablo Stereo3D systems. The monitors were also used while creating the English subtitles in 3D space (on the Z axis), which translate the language spoken by the Na'vi, the blue-skinned, computer generated species encountered by humans in the film.

In addition, the 3D monitors were used for quality control of various elements of the film, including visual effects. Smirnoff said the GD-463D10 monitors provided excellent stereo accuracy of the images, displaying a true representation of the 3D space that would eventually be seen in theaters using Dolby 3D, IMAX 3D, RealD 3D, and XpanD 3D formats. And while the final quality check for Avatar was viewed in a full-sized movie theater, he said the JVC monitors allowed us to monitor the film in 3D before it ever got there. It worked flawlessly for our workflow.

JVC's GD-463D10 produces 3D images that can be seen using inexpensive polarized (passive) glasses, the result of its integrated Xpol polarizing filter. Smirnoff prefers this passive approach, which he said avoids potential flicker and power issues associated with active shutter glasses.