

Duran Duboi Studio – Paris, France



Behind the Scenes

Duran Duboi is recognized worldwide in post-production, advertising, television film, pop video and cinema. It is comprised of top talent in these fields as well as 3D animation, composition, digital audiovisual post-production, visual effects, and previsualization. The studio's two state-of-the-art facilities in Paris, Issy and Boulogne credits include up to 250 feature films, 750 TV dramas, and several hundred commercials and music videos. The studio is particularly well known in France for creating the special effects in films such as *Astérix*, *Alien*, *La Cité des Enfants Perdus*, *Amélie Poulain*, and *Un long Dimanche de Fiançailles*.

The EIZO Choice

When the motion picture and 3D animation industry pioneer Duran Duboi needed solutions to meet its configuration and color rendering requirements, EIZO answered the call. Pierre Billet, Studio VFX Manager 3D and 2D Special Effects, explains why the studio chose to equip Duran Duboi's special effects production department with dual-display EIZO monitors. "Pixar rendering engines and special effects use very heavy calculation applications, so a dual display configuration is really necessary." Mr. Billet also points out how EIZO's dual-display configuration enhanced productivity and quality control, "One monitor is dedicated to displaying a full page or close ups, and the second monitor is used to display the tools. All the information can be displayed at the same time."

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Pierre Billet, Studio VFX Manager 3D and 2D Special Effects

Pioneering CG Filmmaking and Techniques

Duran Duboi was one of the first studios in Europe to design its own in-house digital grading system for motion pictures. Known as DuboiColor, it earned a place throughout the motion picture industry as a grading system of reference with 2001's release, *Le Pacte des Loups*. DuboiColor allows SFX supervisors to control the entire digital production line and governs all phases of digitalization from the negative to film recording. By using DuboiColor in tandem with EIZO's dual-display configuration, SFX supervisors are able to visualize the film at each stage of the visual effects creation process. Mr. Billet explains, “We chose different EIZO monitors including the ColorEdge CG241W and CG221, and FlexScan L887, S2110W and S2100 to best match our configuration and color rendering requirements. The internal color processing on EIZO monitors fulfils our needs.” The studio finds the advanced features on EIZO monitors for graphic artists ideal for their applications. These advanced features include an overdrive circuit on select models that speeds up the midtone (gray-to-gray) response time for smooth playback of moving images, 10-bit or 12-bit gamma correction for smoother color gradations, and 14-bit or 16-bit color processing for accurate grayscale rendering in dark and shadow areas.

EIZO and Duran Duboi on the Big Screen

Billet explains why Duran Duboi chose to equip over 90 stations with EIZO monitors. “We continue to use CRT monitors for the depth of the blacks which still are the closest to the black displayed in the big movie theatres. But, the stability of color temperatures and the uniformity of the display on EIZO monitors allow us to reach a perfect homogeneity on all monitors installed in Duran Duboi.” Billet goes on to praise EIZO's ColorEdge display technologies and uniformity. “We are now testing the 30" ColorEdge CG301W. The size of the display, the uniformity of the panel and the wide viewing angles are really important when many people look at the display at the same time. These monitors would operate in the final and most critical validation stage before the movie is presented in a public theater.”



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