

VuePix 4K Screen for Rio 2016 Olympics Studio

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Live your Passion Rio - The 2016 Summer Olympic Games have officially started!

The Olympic Opening Ceremony at Maracana Stadium in Rio de Janeiro, Brazil kicked off the Games of the XXXI Olympiad.

It is the first time that the World's most watched sporting event is hosted in South America with a record number of countries participating in a record number of sports.

NBC Olympics, a division of the NBC Sports Group, has selected NEP Group to provide mobile broadcasting and engineering consulting for its production. "NEP is proud to support NBC on its coverage of the Rio Olympics and continue our relationship that has spanned every Winter and Summer Games broadcast over the past 28 years" said Deb Honkus, NEP Founder and Chairwoman.

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Channel Seven was awarded the rights to broadcast the Rio 2016 Olympics in Australia and is mounting the largest, most comprehensive sports coverage ever seen in Australia. The centerpiece of this coverage is the Rio Central studio.

The NEP team approached the ULA Group to provide the HD Screen for their Rio Central Studio set. "We needed to come up with a fully customized curved screen solution", says Nathan Wright, VuPix Product manager at ULA Group. "Our VuePix S1mm technology screen was an ultimate choice for the set, thanks to its high refresh rate it eliminates any problems with moare effect for cameras in TV environment".

The VuePix S series features Black LEDs, which provide a superior HD image with high contrast, deep blacks and vibrant colors. The sleek slim line design with advanced ventilation doesn't require any fans for cooling, making the screen perfect for the delicate installations like TV studios, where noise levels are crucial.

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“The biggest challenge for the Rio screen was to get the curve to perfectly match the TV set”, explains Nathan. “We produced a customized curved hanging system, similar to those that we use for our VuePix E and C series, to work with our S series for this set.”

The screen consists of 80 panels in 16 x 5 configuration, making it almost 7.5m long and 2.3m high. With the native resolution of over 4,000pixels horizontally and 1,280 pixels vertically, it features the impressive 5.2 million pixels.

The content is run and fed to the screen via Avid Media Servers.

The whole team at NEP Studios is extremely happy with the screen. Angus Millar, Head of Production at NEP, comments: “The team at ULA were able to deliver a superb, bespoke high resolution LED screen solution for our Rio Central studio. We wanted to supply our client Channel Seven with the highest quality big screen display available and ULA were able to deliver ahead of time. The stunning display is matched only by the commitment and quality of the ULA team who overcame considerable technical challenges to make this work.”

Cuono Biviano, Managing Director of ULA / VuePix group comments: “Once again it is with great pleasure to work with Soames Treffery and Angus Millar of NEP and their teams on the World’s largest broadcasting event.”

“Our VuePix S1mm technology went through a challenging process of evaluation to be selected

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as the perfect fit to meet the dynamic digital demand of this unique TV set”, explains Con. “The key points were for the image quality to be second to none, look like a painted canvas and to ensure there was zero moare reproduced by the cameras. The S series is the flagship and testament to the VuePix platform to deliver the highest advancements in digital LED technology in today’s market.”

“We wish NEP and Channel 7 and the associated networks a successful broadcast and all the Australian and competing nations a sensational and memorable Olympic games”, says Con.

The Olympic Broadcast will run for 18 days and will see more then 10,500 of the world’s best athletes from 206 countries to compete for 306 sets of medals in 28 Olympic sports.

The XXXI Olympiad will be concluded in a big style with closing ceremony taking place again at the Maracana Stadium on 21st August.