

mendobdr

VIDEO & VISUALS

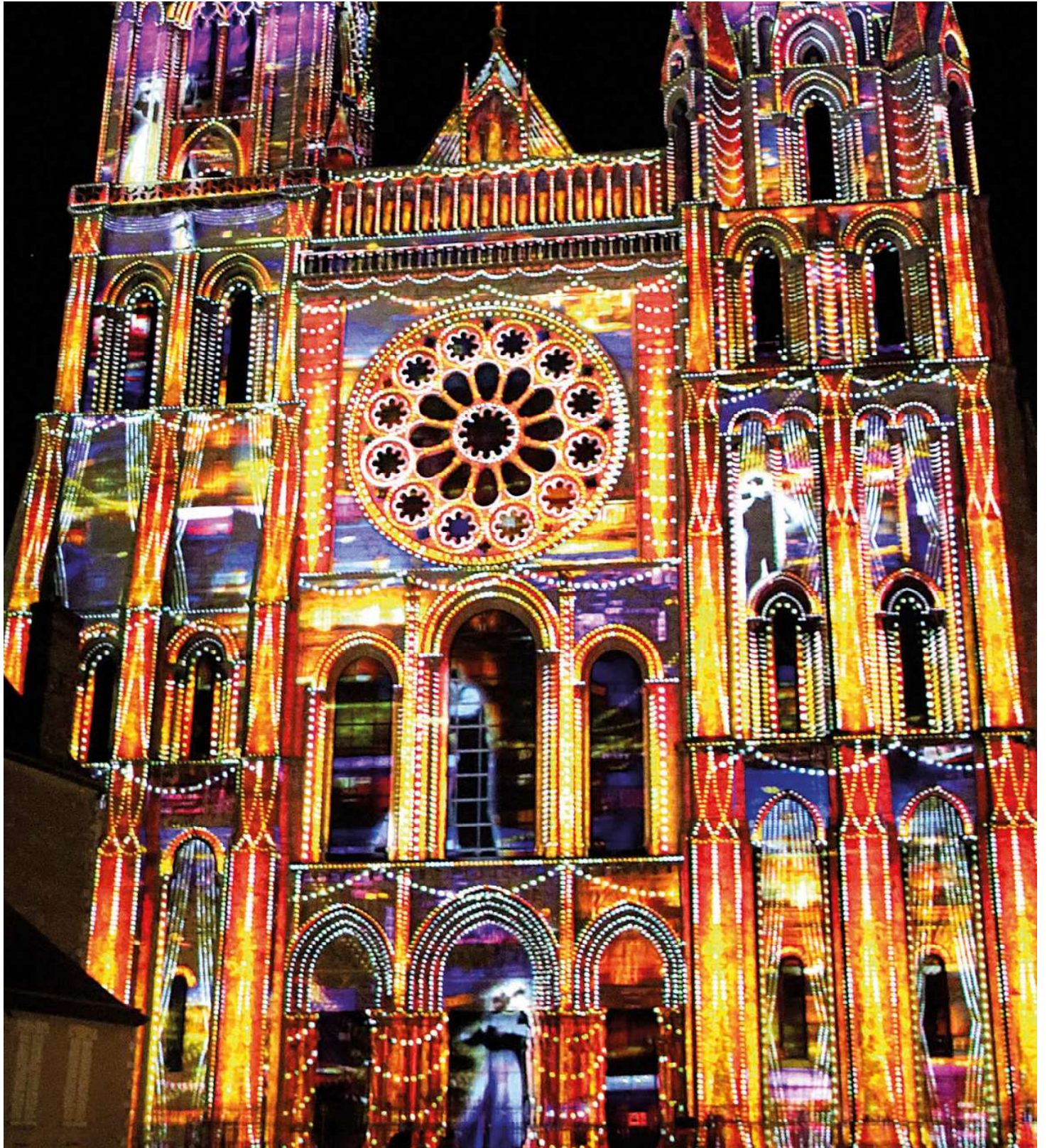
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CONSERVATORY OF MUSIC

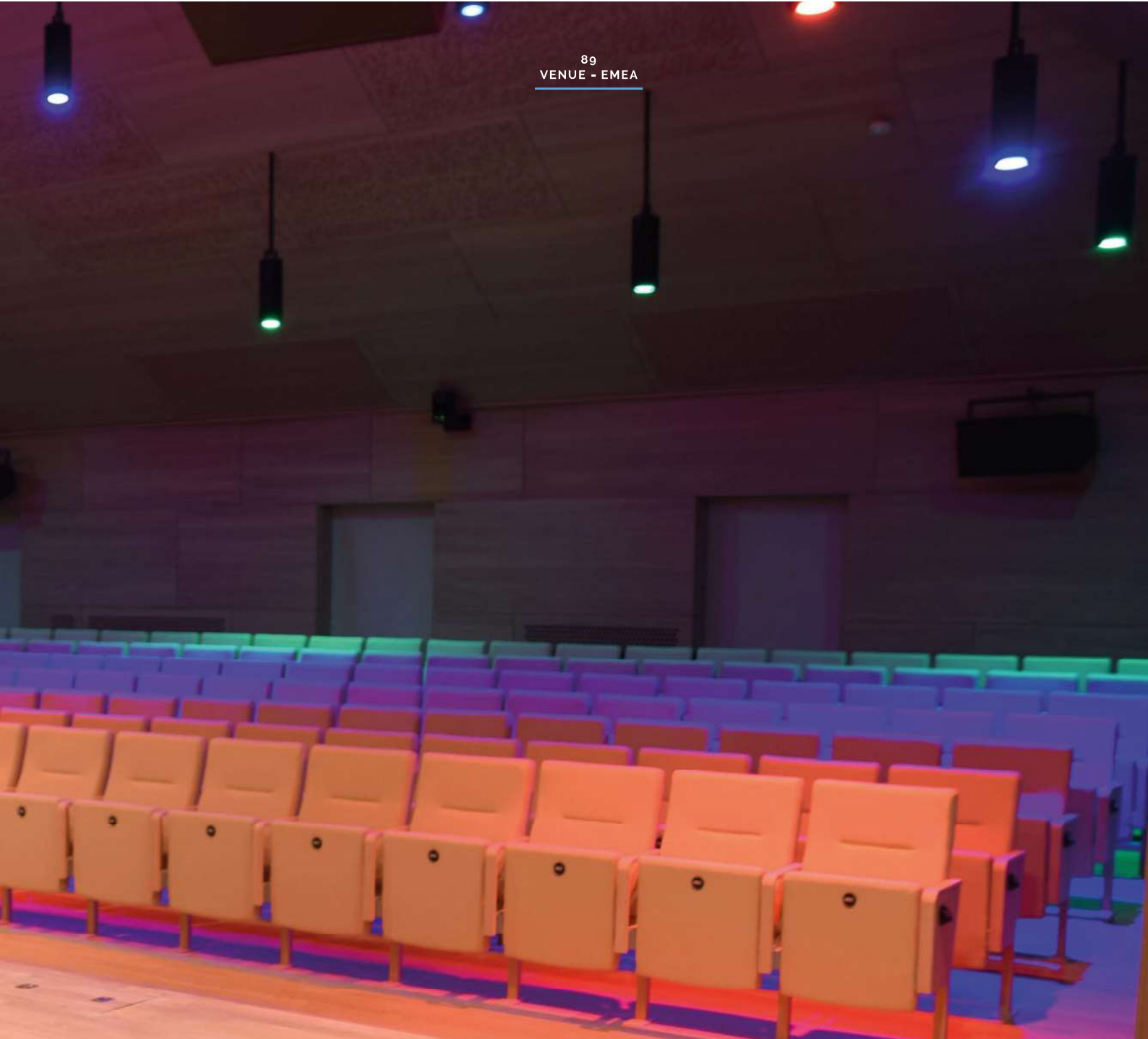


LJUBLJANA, SLOVENIA
EMEA

Established in 1953, the Conservatory of Music and Ballet (KGBL), Ljubljana, Slovenia offers specialised education in music and ballet at varying levels. Regarded as being instrumental to the development of the Slovenian music and ballet profession, KGBL's basic music education, secondary music and ballet education, and higher ballet education programs have earned it numerous awards and recognition on the international stage.

As part of an upgrade to KGBL's main performance auditorium, the project brief was to source a multi-purpose lighting fixture that could be used as a high-quality working light for musicians, a show light for performers, and a house light for the overall room. Therefore, the venue was equipped with over 30 Chroma-Q Inspire XT LED house lights to provide high quality lighting with minimal noise.

Professional equipment provider, KSL Sound and Light Studio specified the award-winning Chroma-Q Inspire XT due to its high-quality white light and colour-mixing abilities. Despite delivering up to 9,500

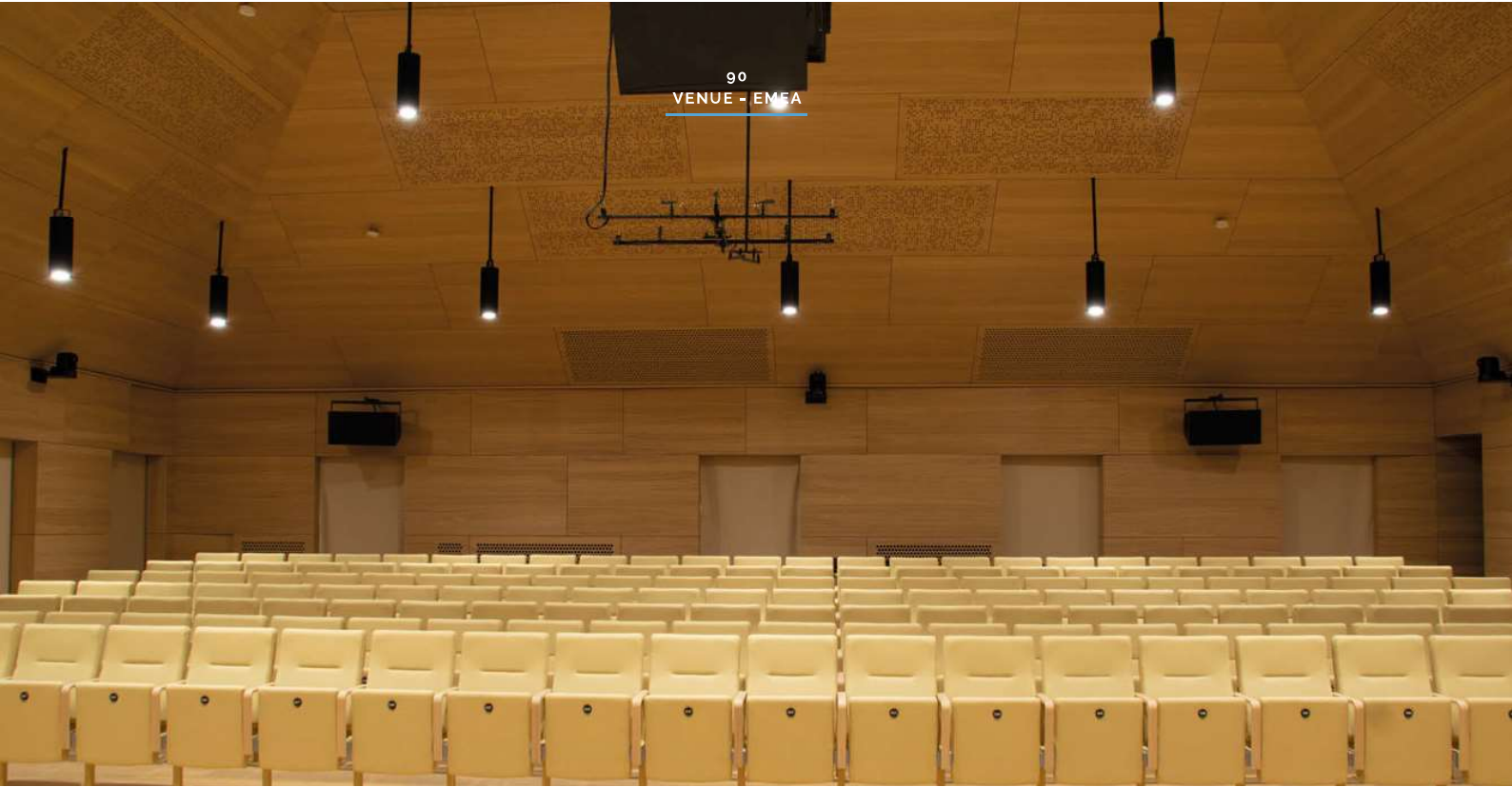


HOLOPHONIX
SPATIAL SOUND PROCESSOR

www.holophonix.xyz

by **ircam**
AMADEUS **Inside**

The graphic features a dark background with a starry sky at the top. On the left, a tablet displays a 3D visualization of sound waves and a musical score. The center-right area is dominated by a complex, low-poly geometric pattern in shades of gray. The text 'HOLOPHONIX SPATIAL SOUND PROCESSOR' is prominently displayed in the upper right. At the bottom, the website 'www.holophonix.xyz' and the logos for 'ircam AMADEUS' and 'Inside' are visible.



•Above
The visible
Chroma-Q
Inspire XT
fixtures in
the main
room at
Conservatory
of Music

lumens, the fixture is convection cooled and has additional protection as standard against electrical and audible noise. Bostjan Konic, CEO of KSL commented: “KGBL’s investor was looking for a company that could setup a lighting system that would cater for all lighting purposes, including white light for daily use, and concert lighting. We suggested Chroma-Q mainly because it could cater for a range of environments.”

In addition, the requirement was for a very powerful solution which could illuminate the large 16-metres by 16-metres space using as few fixtures as possible. However, owing to the room doubling as a recording studio, the chosen product needed to be fanless and virtually silent in operation to meet strict acoustic requirements.

Bostjan said: “For the prestigious KGBL, we needed light of a really premium quality to meet the high technical specification. With its homogenised RGBW optics, the Inspire XT produces an exceptional quality of light, which is clean and pure, with no shadows. Being fanless it’s also extremely quiet, yet very powerful too.”

The Conservatory of Music and Ballet Ljubljana’s Managing Director, Polona Cesarek commented: “We didn’t expect the amazing lighting the fixtures produce, including the very high quality of white light on-stage. It makes the musicians’ sheet music very easy to read, with no reflections that can cause eye strain. They have truly exceeded our expectations.”

Moving onto the visual setup in the venue, the brief specified a demand for high quality video and recording cameras with 360° turn. There was also a need for projection screens that could be incorporated into the backdrop aesthetics of performances, so KSL needed to make

sure that the products installed met the historic prestige of the venue.

KGBL’s visual setup comprises a Barco laser projector that casts onto a 4.5-metre projection screen. Also installed are five Sony BRC H-800 cameras that combine high quality broadcast picture quality with smooth, versatile operation. “The video system we installed, including the cameras we used, had to be of an extremely high quality so they could be used confidently for national TV production and live broadcasts,” explained Bostjan.

The audio in KGBL needed to be as graceful and adaptive as the performers gliding across its many stages. Before designing anything, the venue’s acoustic designer, Neven Smolcic, specified that the audio must not reach a volume of over 25dB to make sure there would be no interference with live recordings carried out in the same room. The venue also needed a system that was able to perform well under a range of different applications, including spoken word presentations and live recording. With a schedule incorporating ballet and theatre and incredible acoustics, it had to be at the heart of KGBL and enhance the already stunning performances.

Therefore, KSL chose d&b audiotechnik to provide the 5.1 surround audio system for the venue. Included are five d&b audiotechnik 24S-D loudspeakers, two d&b audiotechnik D20 amplifiers and a d&b audiotechnik M6 stage monitor. “Customer demand was to install a sound system with a reliable, high-quality system that was going to enhance KGBL and bring a new feel to the venue. We were inspired by the knock-out sound at Sydney Opera House,” explained Bostjan. Also installed in the hall is a Yamaha QL1 mixing console with a stage box and Dante communication between. This allowed a diverse range of inputs and, most importantly, five-channel master surround outputs therefore creating an immersive, emotional experience through the performances at KGBL. KGBL is a unique venue that incorporates some exquisite lighting and audio-visual products to create an environment exclusive to Slovenia. The multi-purpose room is now fully able to adapt to the wide range of performers that pass through, incorporating all kinds of entertainment with a sound and lighting system capable of carrying a range of moods and genres, captivating audiences from far and wide. 🎧

TECHNICAL INFORMATION

SOUND

5 x d&b audiotechnik 24S-D loudspeaker; 2 x d&b audiotechnik D20 amplifier; 1 x d&b audiotechnik M6 monitor; 1 x Yamaha QL1 mixing desk

LIGHTING & VISUALS

33 x Chroma-Q Inspire XT lighting fixture; 1 x Barco F90 4K13 projector; 4 x Sony BRC-H800 camera

www.kgbl.si



Conservatory of Music and Ballet, Ljubljana, Slovenia

Inspiring Performance & House Lighting with...

Chroma-Q® Inspire XT™

The multi award-winning Chroma-Q® Inspire XT™ LED house light transforms the look and feel of an entire performance room by immersing it in vibrant colour. The brightest fixture in the Inspire™ family, it delivers extremely high quality bold saturates, soft pastels and beautiful whites, matched by theatrical grade dimming. Combined with quiet convection cooling, it's ideal for even the most technically discerning environments.

Other products in the range include: Inspire™ and Inspire Mini™.

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