



CASE STUDY

“Last Judgement. Michelangelo and the Secrets of the Sistine Chapel”: immersive 270° video-projection experience.

Location: Auditorium Conciliazione Rome

Product(s) supplied:

PT-RZ31K

PT-RZ21K

Challenge

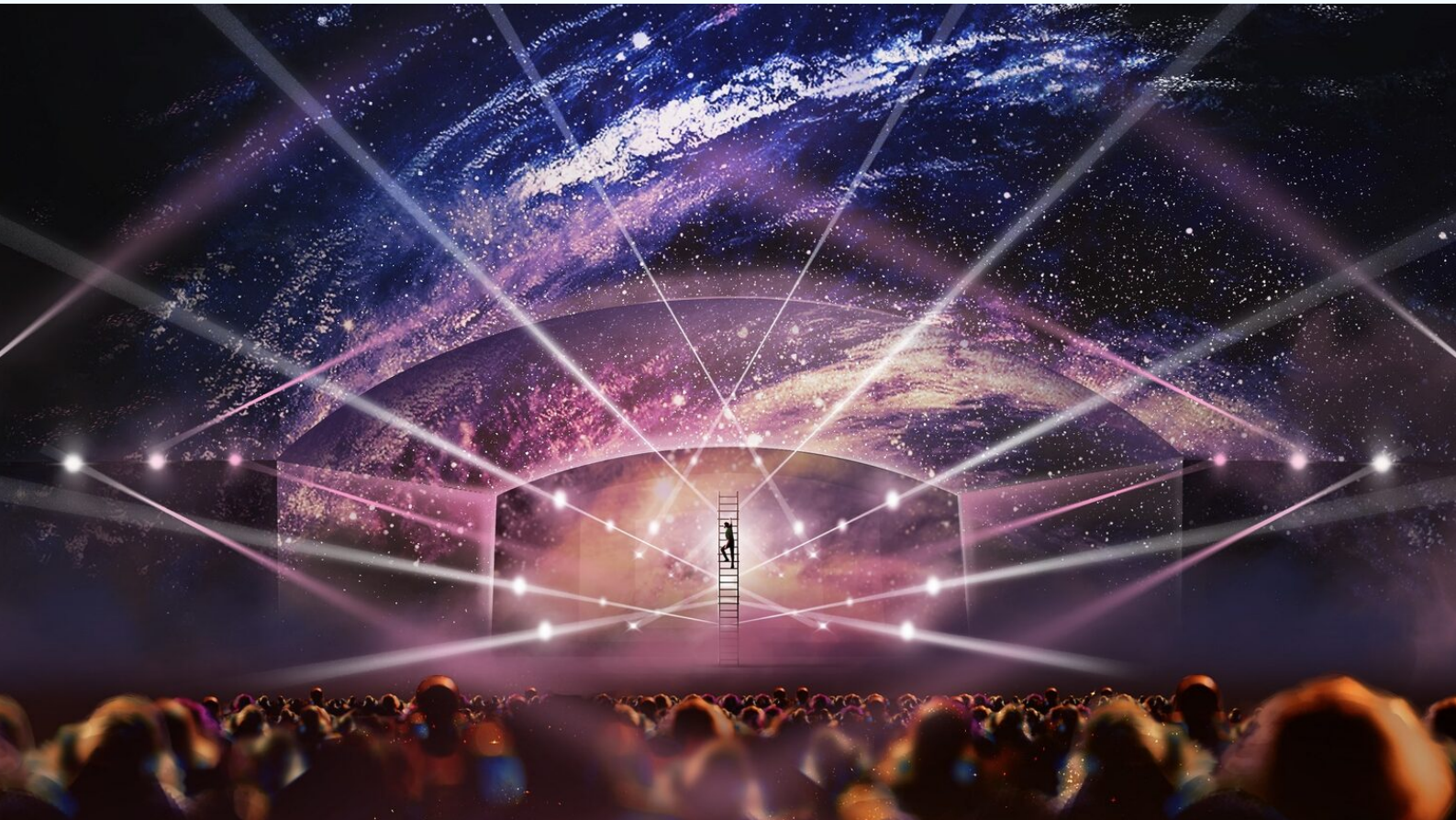
To create a 270° immersive video projection using laser projectors.

Solution

Installation of 30 Full HD Panasonic laser projectors into the auditorium to virtually transport the spectator into the centre of the Sistine Chapel.

"We wanted to create a spectacular experience which involves the viewer – not one that supports participants to be passive but rather one that stimulates everyone to look around, tilt their head and lift their gaze and their mind upward"

Marco Balich
Artistic Director



The Sistine Chapel, one of the most incredible locations in the history of the art world, is the focus of the Giudizio Universale. It takes its name from the chapel and results from a blend of many artistic forms.

Produced by **Artainment Worldwide Shows** and supported with scientific advice from the **Vatican Museums**, the spectacular presentation shown at the **Auditorium Conciliazione in Rome** represents a unique opportunity to revel in a fantastic pairing of physical action from a theatrical performance with the intangible music and special effects made possible by the excellent **Panasonic** video-projection products provided for the show.

A spectacular experience that's "unique for its kind"

A new **vault of the Auditorium Conciliazione** was constructed to create a uniform surface that provides a perfect geometry for the images projected by **30 Panasonic projectors using Solid Shine laser technology**. The **Panasonic projectors** were chosen to provide **uniform brightness, colour fidelity and consistent proportions for the images** -worthy of the masterpiece that inspired the show.

During the immersive, 270°video projection, viewers have the opportunity to admire the most important phases,marking the birth of the **"Last Judgement"** (1535-1541), the famous work by Michelangelo.

The event highlights the perfect integration of art and technology, and **Panasonic** plays a central role.

"Our Last Judgement is not a musical, ballet or film, nor is it a theatrical performance: It's a unique show designed to help people gain access to a work so dense in meaning as the Sistine Chapel," states Marco Balich, the show's artistic director and the person who designed the show, adding: **"We wanted to create a spectacular experience which involves the viewer – not one that encourages participants to be passive but rather one that stimulates everyone to look around, tilt their head, lift their gaze and their mind upward."**

The technological challenge: immersive, 270°projection using 30 Panasonic video projectors

Thirty **FULLHD, high-luminosity laser projectors** are integrated into the technical theatrical installation in the auditorium to virtually transport spectators into a virtual, immersive setting right in the middle of the **Sistine Chapel** so they can enjoy an unprecedented, multi-sensory cultural experience. The immersive projection experience produced by **30 Panasonic projectors using Solid Shine technology** is divided as follows:

Eighteen PT-RZ31K with 31,000 lumens,10PT-RZ21K with 20,000 lumens (four with ultra-short throwEL-D75LE95 lenses) and two PT-RZ12K with 12,000 lumens are combined within the setting. Divided into three sectors, the forward projection use seight PT-RZ31K 31,000-lumens projectors. The lateral and overhead sections use a further10PT-RZ31K projectors with 31,000 lumens and six PT-RZ21K projectors with 20,000 lumens, installed in the 'vomitoria'. Finally, four PT-RZ21K projectors with 20,000 lumens and two PT-RZ12K projectors with 12,000 lumens produce fascinating video mapping effects on the stage.



"It's a unique show designed to help people gain access to a work so dense in meaning as the Sistine Chapel.



"The advantages of laser lighting are invaluable, especially in a setting such as this. For all intents and purposes, this will be considered a 'live show'."



"The compact size of the Panasonic projectors gave us a certain freedom in positioning them, so we could rotate them at various angles depending on the situation."



According to Daniele Parazzoli, CEO, Event Management, and the system integrator responsible for the design and installation of the immersive video-projection system, “the choice of the Panasonic projectors was certainly the result of moving to a brand known to be reliable in laser technology applied to DLP in order to achieve the brightness of lux that was required by the artistic director.”

“To create the immersive effect, we had to raise the emotional level of the spectators. The Panasonic brand was the best choice, since it was not only able to provide cutting-edge technology, but the company grasped the spirit of this project,” Balich says.

“It was absolutely vital to have maximum choice in the technology and thus in the rendering of the images”

In addition, Michele Telaro, COO, Artainment Worldwide Shows, explains that this project is, “**a permanent, exceptional showroom where the projectors, with their 20,000 and 30,000 lumens and top-of-the range technology, are the best solution for the colour quality required for long-term use.**”

This “**sensory journey**”, which involves by many international talents such as **Sting, Pierfrancesco Favino, Lulu Helbek** and **Luke Halls**, offers a unique experience with the use of **Panasonic projectors, which have been developed to ensure expression of outstanding artistic creativity** in live events such as the '*Last Judgement. Michelangelo and the Secrets of the Sistine Chapel*'.

As Parazzoli explains, “The **live-events** market, which requires projectors with increasingly sophisticated features in terms of brightness, versatility, compact size and reliability, finds the **Panasonic Solid Shine** technology provides the best solution for generating wonder among spectators.”

The show is presented in both Italian and English and constitutes a great opportunity for reviving the magnificence of the historic Sistine Chapel in a modern way using the latest generation of **Panasonic projectors**.

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