

Experience Mt. Fuji's universal value and appeal with powerful high-resolution images.

Installation Details

A wide range of video equipment is used as the cornerstone of production in all of the exhibition zones.

Mt. Fuji World Heritage Centre was constructed as a base facility to "preserve" the universal values of Mt. Fuji, which was registered as a World Heritage Site, for future generations. It consists of three halls — the exhibition hall, the north hall, and the west hall — with the highly impressive exhibition hall presenting an image of an "inverted Mt. Fuji" and lattice work.

A variety of performance techniques allow visitors from inside and outside of Japan to enjoy learning about Mt. Fuji. A large number of Panasonic laser projectors and

LCD displays serve as the core of this performance, relaying the attractions and ambience of Mt. Fuji in virtually every age to visitors. In addition to our high image quality, the deciding factors for using our equipment came down to our knowhow acquired at a wide range of exhibition facilities, our long-term support system, flexible installation properties that are compatible with innovative architectural structures and our extensive product variations. Also, Early Warning Software has been introduced to achieve stable operation.



The facility is located near Sengen Taisha, also referred to as the chief shrine for Mt. Fuji worship, and is in an excellent location for viewing Mt. Fuji from a close proximity.



From the picture window on the top floor of the exhibition hall you can view the gradually changing expressions of Mt. Fuji like a single picture.



The exhibition hall connects from the 1st floor to the 5th floor with a spiral slope. Images of various themes relating to Mt. Fuji are displayed with multiple projectors and displays.

Projector & Professional Display System Report

Vol.51

Mt. Fuji World Heritage Centre

System Outline

Worshipped Mountain

Conveying the excitement of Mt. Fuji with realistic images in full view of the "Worshipped Mountain."

The first exhibition viewed by visitors is the climb up Mt. Fuji from Shizuoka Prefecture's iconic ocean. Beautiful time

lapse images of the gradually changing scenery as seen from the perspective of climbers are projected onto the 193-meter-high spiral sloped wall surface that extends from the 1st floor to the 5th floor of the exhibition hall, enabling visitors to enjoy an immersive virtual climbing experience. A total of 23 PT-RW620L Panasonic laser projectors have been adopted as the main video equipment for all slopes

ranging from sea level to 3,776 meters above sea level. The projectors are made up of two or more multi-screens and project natural and realistic images to convey the allure of climbing Mt. Fuji to the fullest extent. The slopes that project the landscapes near the summit of the mountain are made up of a wide multi-screen consisting of eight PT-RW620L projectors, displaying the impressive changes of the landscapes from day to night and during the awe-inspiring sunrises to visitors.



▲ The slope on the top floor (5th floor) is made up of a wide multi-screen consisting of eight PT-RW620L projectors. The majestic scenery as seen from the summit of Mt. Fuji is projected here.



▲ The closely suspended projectors at the exhibition zone. By using both white and black cabinets according to the color of the ceiling materials, they appear harmonious with the surrounding architecture. The wall surfaces and ceiling are also inclined, so there are no projectors that are suspended at the same angle or height. During the construction of the site, 3D simulations were carefully conducted.



▲ Starting from images of Mt. Fuji as seen from the beautiful ocean of Shizuoka Prefecture, the images gradually change to the mountain summit as you climb the 193-meter-high slope. The projector displays images according to the scene.

Projector & Professional Display System Report

Vol.51 Mt. Fuji World Heritage Centre

Holy Mountain

Beautiful Mountain

A wide range of video equipment is active at the exhibition zone that is divided into the “Holy Mountain” and “Beautiful Mountain” zones.

At the exhibition zone installed on the 3rd and 4th floors of the slope, the target of faith and the history of the artistic motifs are introduced and visitors can experience the allure of Mt. Fuji from various angles. A wide range of Panasonic video equipment has been adopted in this exhibition zone as well. At the “Holy

Mountain” exhibition zone, where Mt. Fuji, which remains in the heart of Japanese people based on the keyword of worship to the mountain, is introduced, a total of nine TH-55LFV8 multi-screen compatible LCD displays are arranged in a row horizontally projecting wide dream-like images from the mountain summit and

linking with a touch panel to display information relating to Mt. Fuji worship. The 70-inch TH-70LF50 large-screen displays have also been used, introducing the diversity of Mt. Fuji worship from various viewpoints. The “Beautiful Mountain” exhibition zone adopts a five-panel multi-screen made up of TH-55LFV8 devices and two laser projectors, introducing the allure of Mt. Fuji that serve as a source of artistic inspirations for art, literature and entertainment.



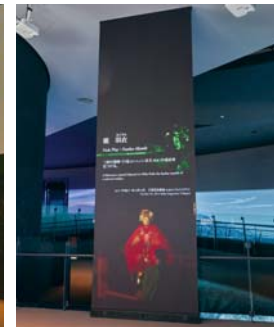
◀ The multi-screen display consisting of nine displays arranged in a row horizontally at the “Holy Mountain” exhibition zone. By selecting the content that you wish to learn about on the touch panel installed underneath the displays, a pop-up commentary is displayed on the display above.



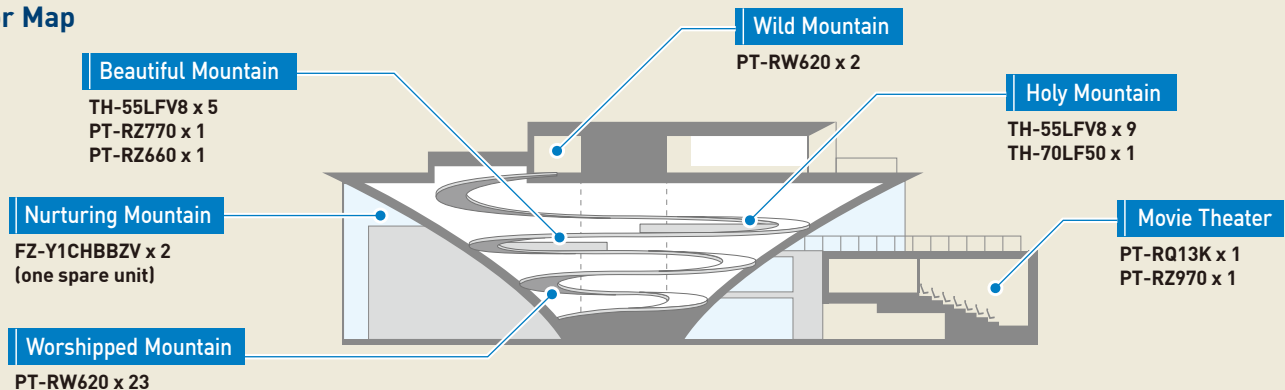
▲ In addition to the multi-screen, the 70-inch large screen display (center) projects images relating to the worship to Mt. Fuji at the “Holy Mountain” exhibition zone.



▲ At the “Beautiful Mountain” exhibition floor, different artistic works relating to Mt. Fuji are introduced. Ancient poetry, paintings and videos of *noh* performances are displayed on the five-panel multi-screen display, on the surface of the curved walls and on the black screen suspended vertically from the ceiling, respectively.



Floor Map



Projector & Professional Display System Report

Vol.51

Mt. Fuji World Heritage Centre

Movie Theater



◀ The 4K high-resolution images are projected onto the 265-inch large screen.

The majestic views of Mt. Fuji are displayed on a 4K+ high-resolution projector in the "Movie Theater."

Two programs that depict the allure of Mt. Fuji are displayed on the 4K+ compatible PT-RQ13K projector at the Movie Theater. Dynamic 4K images are displayed onto the 265-inch large screen, enabling visitors to enjoy Mt. Fuji from various angles.



▲ The PT-RQ13K (top) projects the main images, while the PT-RZ970L (bottom) displays an abridged version and event information.

Wild Mountain

Mt. Fuji is introduced as an active volcano in "Wild Mountain."



At the "Wild Mountain" exhibition zone, two PT-RW620L laser projectors have been adopted, introducing Mt. Fuji as a young and active volcano that was created on a corner of the circum-Pacific volcanic belt and stories of encounters with people.

Nurturing Mountain

The ecosystem of Mt. Fuji is introduced with 4K high-resolution images in "Nurturing Mountain."

The water flowing out from Mt. Fuji supports a wide range of living things. The FZ-Y1CHBBZV 4K tablets have been installed to introduce the ecosystems from the alpine belt to the Suruga Bay in high-resolution images.



▲ Two FZ-Y1CHBBZV 20-inch 4K tablets installed

After Installation

A reassuring product lineup that is compatible with a wide range of facilities

The Shizuoka Prefecture Mt. Fuji World Heritage Centre features an innovative architectural design and offers a wide range of methods to create audio and visual exhibitions inside the facilities. The projectors mounted to the spiral slope that provides the main performance were particularly difficult to install, with a design using 3D CAD to confirm the projection surface and limited suspension base. We believe that this would have been impossible to achieve without using laser projectors that are compatible with a wide range of optional lenses and can be installed and projected in a 360-degree direction. Panasonic's extensive product lineup, which is compatible with a wide range of facilities, is extremely reassuring for us involved in the design and construction of various facilities.

The Early Warning Software was introduced to reduce maintenance and provide stable operation.

In addition to monitoring the state of the projectors located within the intranet, the Early Warning Software also predicts and notifies the user of any abnormalities and detects and notifies the user of any signs of trouble. The software was introduced to provide stable operation by reducing the amount of required maintenance and minimizing downtime.



▲ Establishing a network of projectors within the facility with LAN cables



▲ A computer equipped with the Early Warning Software has been installed on the rack inside the control room.