

Hitachi Unveils Broad Range Of Installation LCD Projectors

Written by Bob Snyder
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Hitachi Digital Media launches six new LCD projectors for installation environments. The models, say the maker, feature a contemporary design and deliver substantial improvements in performance, flexible installation, connectivity and most importantly, total cost of ownership.

To deal with the high demands of installation environments Hitachi has also launched a family of optional lenses to accompany these new installation models. The lenses cover a wide range of projection distances and lens shifts, enabling them to adapt to the available space.

“With a convenient motorised lens shift, zoom and focus and even a 360 degree vertical tilt* these new models provide outstanding flexibility and high performance,” says Axel Kutschke, Senior Manager, Presentation Products for Hitachi Digital Media Group. “This flexibility, combined with a filter maintenance cycle of up to 20,000 hours, makes the models particularly suited to rental, creative and large theatre applications where the compact design and built-in instant stack features are also a great benefit.”

The intuitive motorised vertical and horizontal lens shift mechanism provides fast and efficient installation; users can easily adjust images $\pm 50\%$ horizontally and up to 60% vertically. This functionality is ideal for theatres and conference suites which require continuous changes to projection set-ups. When stacked, users can achieve double brightness levels. This unique set up also acts as a fail-safe operation mode; if one projector fails the other will continue to operate unaffected.

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The 6000 ANSI Lumen colour light output of the CP-X8160 means that users have great scope to project large but bright images in all environments. With six models on offer there is an assortment of brightness levels and resolutions to suit all needs and budgets. The CP-X8150 and CP-X8160 offer an XGA resolution, while the CP-WX8240 and the CP-WX8255 provide a WXGA wide screen format. The CP-WU8440 and CP-WU8450 deliver a high performance WUXGA resolution.

There is also the ability to project the same image on up to 12 projectors simultaneously using the multi-projector facility. In addition the Crestron RoomView software provides a custom configurable interface to monitor, manage and control every device in every room remotely from any computer.

The new models feature a 5000 hour lamp life and a hybrid filter that operates for up to 15,000 hours under normal operating conditions.

The CP-X8160 and the CP-WX8255 offer even greater capability with a 360 degree vertical tilt angle, enabling users to project downwards onto a floor or upwards onto a ceiling. Both the CP-X8160 and CP-WX8255 also contain a superior 3-layer hybrid filter lasting up to a remarkable 20,000 hours. These models also cater for an increased environmental operating temperature range of 0 ~ 45C. All models are now able to operate at a class leading 10,000ft or 3048m, which is important in some applications.

While not intended for actual medical diagnosis applications, the medical industry-standard DICOM simulation mode is available on all models for the accurate reproduction of greyscale levels. It is an invaluable feature for viewing medical images such as X-rays in training and educational environments.

The full range will shortly be available across Europe.

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