



Supreme screens

When it comes to home cinema projectors and screens, what is vital for picture perfect viewing? Is it that the products ensure a dynamic and bright colour range, or boast a space saving design? Which screen material do installers recommend will give the greatest impact, and is there a novel method to store the screen? *EI* sees what's on display.

Optoma will shortly be launching an ultra-short throw laser projector, to respond to the rise in interest for space saving design by having the projector close to the screen, but its biggest news on the home projector front is its UHZ65 laser 4K projector, which was unveiled at ISE this year. The projector has already won a platinum award from T3, Home Cinema Choice recommended award and Best in Show (ISE 2018) Home Theatre Projector from rAVE.

Using a high-quality laser light source gives the UHZ65 increased efficiency to maintain consistent brightness, superior colour performance, instant on/off and an extraordinary life span of up to 20,000 hours. That's a life of about 14 years.

Capitalising on the fast switching speed of the DLP chip with XPR technology and advanced image processing, 8.3 million pixels are delivered to the screen without alignment issues, with four times as many pixels as 1080p. This produces vibrant imagery and realistic colour performance.

The UHZ65 also boasts sophisticated PureMotion frame-interpolation technology. This advanced processing eliminates motion blur or image judder, even in high-speed action films or fast-paced sports. It meets the Consumer Technology Association (CTA) requirements for 4K UHD and complies with the CTA High Dynamic Range (HDR) compatible display standards. It also supports HDCP 2.2, the latest evolution of copy protection so users can enjoy the fast-growing choice of 4K content.

Installation of the projector is simple with a vertical lens shift, 1.6x zoom and a host of connection options such as two HDMI ports and Mobile High-Definition Link (MHL) for compatible phones and tablets. In addition, the UHZ65 can be turned into a smart projector by connecting an HDMI dongle like the Google Chromecast or Amazon Fire TV. It has two integrated 4W speakers and a S/PDIF audio output enables connection to external sound systems.

New for 2018, **Screen Excellence** have introduced Reference Advanced and Contrast Advanced screens. Advanced is a new line that allows on-wall assembly of

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