

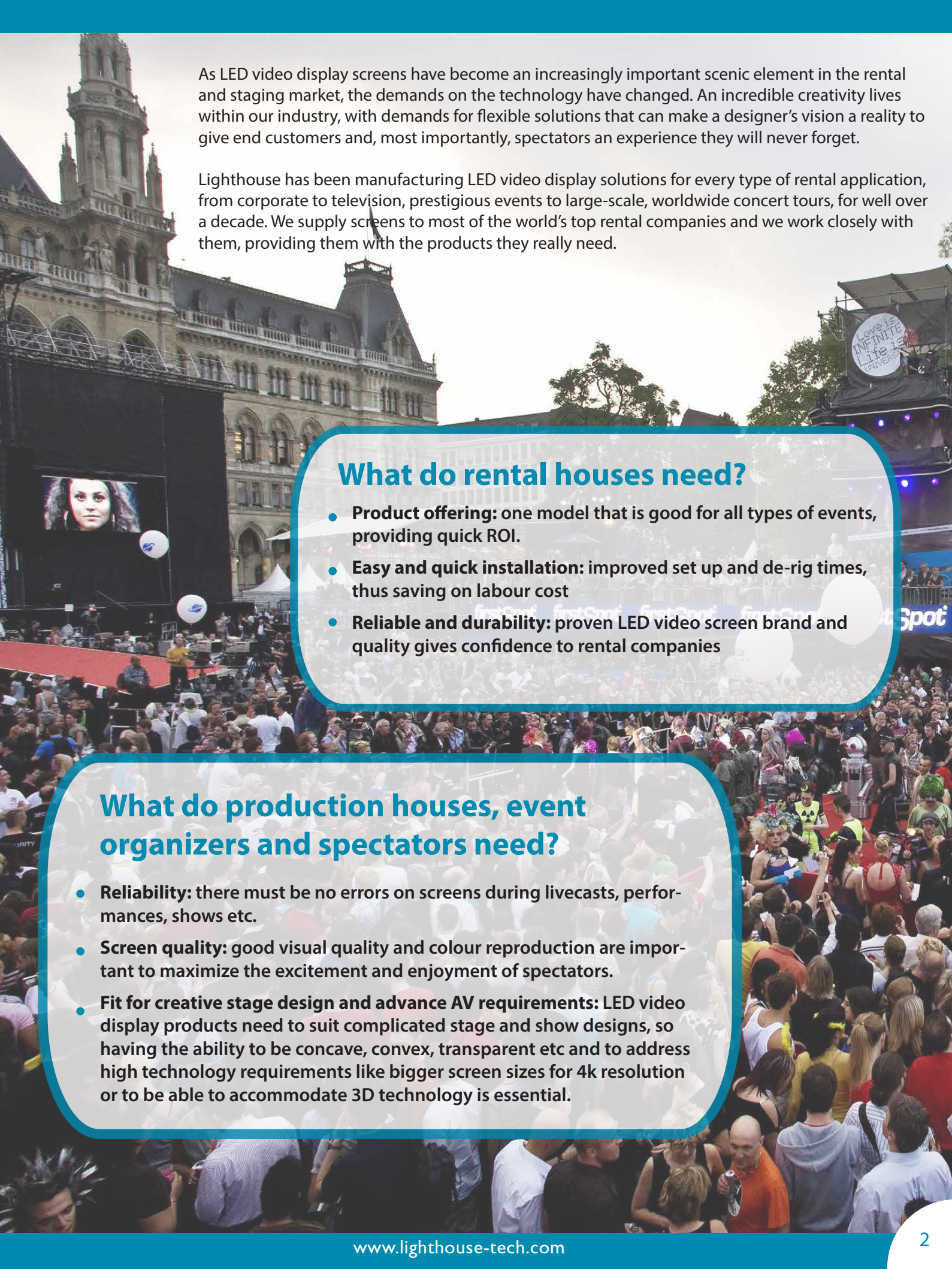
# IN·VIEW

Issue 44

Nissan. Innovation that excites.



Superbly  
Rentable



As LED video display screens have become an increasingly important scenic element in the rental and staging market, the demands on the technology have changed. An incredible creativity lives within our industry, with demands for flexible solutions that can make a designer's vision a reality to give end customers and, most importantly, spectators an experience they will never forget.

Lighthouse has been manufacturing LED video display solutions for every type of rental application, from corporate to television, prestigious events to large-scale, worldwide concert tours, for well over a decade. We supply screens to most of the world's top rental companies and we work closely with them, providing them with the products they really need.

## What do rental houses need?

- **Product offering:** one model that is good for all types of events, providing quick ROI.
- **Easy and quick installation:** improved set up and de-rig times, thus saving on labour cost
- **Reliable and durability:** proven LED video screen brand and quality gives confidence to rental companies

## What do production houses, event organizers and spectators need?

- **Reliability:** there must be no errors on screens during livecasts, performances, shows etc.
- **Screen quality:** good visual quality and colour reproduction are important to maximize the excitement and enjoyment of spectators.
- **Fit for creative stage design and advance AV requirements:** LED video display products need to suit complicated stage and show designs, so having the ability to be concave, convex, transparent etc and to address high technology requirements like bigger screen sizes for 4k resolution or to be able to accommodate 3D technology is essential.

# STAGING EXPERT

## Creative stage design

Over the past decade, the use of LED video screens in the concert touring industry has changed dramatically; their use as a stage element at events both large and small is now integral to most set designs. One of the latest trends is for curvable screens that can suit a variety of staging requirements and add an exciting new element to staging effects.

Lighthouse's X3 has been designed to directly address these needs, by delivering a stunning 3.9mm pixel pitch along with a revolutionary curable and flexible joint structure. This sophisticated mechanical design allows the screen to be shaped in different ways to become either concave or convex, both horizontally and vertically. In fact, X3 can be shaped in almost any way you want, opening up a multitude of new creative possibilities.

## Bigger screen size with better colour quality

LED video screens are now a significant part of sophisticated television set designs and, with a trend for bigger stage sizes to accommodate increasing audience capacities, producing HD and large format LED video screens has become extremely important.

The Lighthouse Control Master (LCM) processor is designed to help. Compatible with X3, the LCM provides 4K capability, which supports a maximum resolution of 4,096 x 2,160, whilst a per pixel sizing control allows for virtually any shape and size of screen. A single control platform simplifies operations, increases application flexibility, delivers better colour accuracy, more vivid images, greater contrast, higher brightness levels and significantly improved picture quality.

## Lightweight and ease of installation

Imagine how a lightweight, easy to installed LED video screen could save on set up time and labour costs for show organisers and production houses.

The newly designed X3 weighs less than 10kg per panel and has a panel size of 500 x 500mm, making it lightweight and easy to transport. It is also equipped with a unique flexible joint. This simple to use system means that the back cover of each panel can be opened in an instant, making servicing a breeze.



## Reliability and user confidence

In the world of corporate events, conferences and exhibitions, reliability and user confidence are primary factors in deciding what brand of LED video screen to use.

Lighthouse's rental LED video screen series provides high resolution and stunningly accurate colour reproduction, alongside exceptional reliability and the assurance that Lighthouse's service and support is always available. All of which combine to give users the confidence that their LED video screen will work perfectly, every time.

## Return on investment

Another important criteria for rental companies is their chosen period for return on investment (ROI). Here, an LED video screen's compatibility with a wide variety of events becomes key.

Lighthouse's Rn4 and Rn6 indoor LED video screen series, used in combination with an LIP (Lighthouse Interface Processor), are the ideal solution for almost any event, from those that require extremely close viewing distances, such as small scale seminars or conferences, to large scale indoor public events for huge audience capacities.

Rental companies can invest in one batch of the same model to accommodate all their events, thus providing a quick ROI.



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# PROFESSIONAL EVENT

# What's important?

## Product safety:

All Lighthouse's outdoor rental LED video screen series comply to the IP65 rating, which provides exceptional weather proofing qualities, and are all CE and FCC certified.

## Dual use:

Imagine an LED panel that had dual use, so rental companies no longer need to stock two types of different LED video screen for different requirements. Lighthouse's DuoLED series can achieve this with a simple flick of a switch, which opens or closes a revolutionary set of shutters allowing DuoLED to be a mesh screen or a standard display panel.

## Wide viewing angles:

An LED video display that can accommodate viewers who are at acute angles to the screen is important, particularly for large-scale public viewing events. Lighthouse's outdoor rental LED video screen series DuoLED is designed with black faced SMD LEDs which provide exceptional viewing angles and enhanced contrast ratios.

## Exceptional brightness:

When the sun is bright, you need a screen that can shine on through. DuoLED's 5,000 nits of brightness means that it will always be seen, even in direct sunlight.

## Lightweight:

Being able to rig and de-rig a screen quickly is paramount for any outdoor event. Each DuoLED panel measures 576mm square, is less than 150mm deep and weighs less than 9kg, making any size of screen easy and fast to build.



# OUTDOOR EVENT



## Lighthouse New Rental model

Model	X3	
Brightness	nits	2,000
Viewing Angle - Horizontal (50% brightness)	deg.	140
Viewing Angle - Vertical (50% brightness)	deg.	140
Pixel Configuration	R/G/B	SMD 3-in-1
Pixel Pitch	mm	3.9
Processing Depth	bit	16
Ingress Protection (Front/Rear)	IP	40/20
Life time (50% brightness)	hrs	100,000

\* Lighthouse reserves the right to change any specifications without notice.

We have our own team of experts, who constantly look into the future to predict the next big trend, but we also work hand in hand with the companies that are at the cutting edge, developing new types of LED video screen that give incredible colour rendition, superior reliability, creativity and durability.

That's what makes us unique. It's why we continue to be a leader in the LED industry and why we can give our customers exactly what they need.

With your continued support, we will stay that way.

For further details of Lighthouse products , please visit our website [www.lighthouse-tech.com](http://www.lighthouse-tech.com) or contact your nearest Lighthouse office.

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