



# Clarity Matrix MultiTouch MX46HDU-L-ERO-F

## LCD Video Wall System

The Clarity® Matrix® MultiTouch Video Wall is an ultra-slim profile touch screen video wall ideal for public spaces or collaboration environments. Utilizing a touch kit, Clarity® Matrix® MX46HDU-L-ERO-F can be transformed into a Clarity Matrix MultiTouch Video Wall featuring up to 32 touch points. Clarity Matrix MultiTouch with Planar® ERO™ (Extended Ruggedness and Optics™) technology provides a continuous touch surface while increasing durability and optical performance. Clarity Matrix MX46HDU-L-ERO-F features a tiled bezel width of 3.7mm, 800 nits brightness, and the Clarity® Matrix® Fiber Video Extension option, which provides a more secure and longer distance option for extending the video signal.



SPECIFICATION	DETAIL
Planar Part Number	997-8140-01
Technology	Commercial-grade direct view LCD
Diagonal	46 inches
Aspect Ratio	16:9
Native Resolution Panels	1920 x 1080
Tiled Bezel Width	0.15" (3.7 mm)
Brightness (typ)	800 cd/m <sup>2</sup> or nits
Response Time (typ)	8 ms
Contrast ratio (full field)	4000:1
Full viewing angle	178°
Backlight life (1/2 brightness)	50,000 Hrs
Mounted Depth	3.7" wall to front of screen
Acoustic Noise	Fanless operation
Heat load	556 BTU per hour at 800 nit
Operating temperature range	5 - 40 Degrees C
Operating humidity range	20-90% RH non-condensing

<b>Backlight control</b>	Individual and wall control
<b>Backlight sensing and reporting</b>	At display level
<b>Display module position sensing</b>	Auto-sensing integrated
<b>Power Consumption (typ)</b>	175 watts
<b>Power supply voltage</b>	100-230V AC ± 10%, 50-60 Hz
<b>Power Status</b>	Diagnostics LEDs, health monitoring and alerts
<b>Safety regulations</b>	Complies with EN60950, FCC Class A, CISPR22/85, CE, EU RoHS
<b>Data Inputs</b>	4 HDMI inputs, 1 DisplayPort input
<b>Control</b>	IR Remote, RS232, Ethernet (optional)
<b>Per Panel Dimensions (Including Mount)</b>	40.27" x 22.8" x 3.7" (1022.86 mm x 579.12 mm x 93.98 mm)
<b>Per Panel Weight (Including Mount)</b>	58 lbs (26.3 kg)
<b>Touch Options</b>	Clarity Matrix MultiTouch Kits: MT6-6 Simultaneous Touch Points; MT32-32 Simultaneous Touch Points
<b>Touch Frame Dimensions</b>	2.6" x 2.6" x 4.7" (66.1 x 66.1 x 118.8)
<b>Power for Touch System</b>	100-240V AC, 50-60 Hz
<b>OS Compatibility</b>	Windows 8, Windows XP, Mac OS X, Android (limited to iStick), Linux
<b>Fiber Video Extension Module Option</b>	1 RU rack mount module drives up to 4 panels.
<b>Fiber Video Extension Module Outputs</b>	SFP multi-mode transceivers supports distances up to 300m from wall. Single-mode compatible up to 10k from the wall.
<b>UPC</b>	8 10689 00274 1

For more information, please visit [www.leyard.com](http://www.leyard.com)

*Specifications are subject to change without notice.*

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