



# Clarity Matrix MultiTouch LX55HDU-L-ERO

## 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® LX55HDU-L-ERO can be transformed into a Clarity Matrix MultiTouch Video Wall featuring up to 32 touch points and allows multiple users to simultaneously interact with the video wall without affecting other users. Clarity Matrix MultiTouch with Planar® ERO™ (Extended Ruggedness and Optics™) technology provides a continuous touch surface while increasing durability and optical performance. Clarity Matrix LX55HDU-L-ERO features a tiled bezel width of 3.7mm and 500 nits brightness.



SPECIFICATION	DETAIL
Planar Part Number	997-7786-01
Technology	Commercial-grade direct view LCD
Diagonal	55 inches
Aspect Ratio	16:9
Native Resolution Panels	1920 x 1080
Tiled Bezel Width	0.15" (3.7 mm)
Brightness (typ)	500 cd/m <sup>2</sup> or nits
Response Time (typ)	8 ms
Contrast ratio (full field)	3500:1
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	557 BTU per hour at 500 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>	163 watts
<b>Power supply voltage</b>	100-230 Volts AC $\pm$ 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>	47.81" x 26.98" x 3.7" (1214.4 mm x 685.3 mm x 94.0 mm)
<b>Per Panel Weight (Including Mount)</b>	74 lbs (33.57 kg)
<b>UPC</b>	810689064107
<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 4.5" (66.04 mm x 66.04 mm x 114.3 mm)
<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

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

*Specifications are subject to change without notice.*

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