



Clarity Matrix G2

MX55HDX-L

LCD Video Wall System

The Clarity® Matrix® MX55HDX-L is an extreme narrow bezel 55" LCD video wall display that provides outstanding tiled visual performance, supports extended operation, and requires minimal installation space. Designed for 24x7 operation, Clarity Matrix MX55HDX-L features 800 nits brightness, LED backlight technology, and Full HD resolution making it the ideal video wall for high-impact, mission-critical applications. Clarity Matrix MX55HDX-L sets a new benchmark with a tiled bezel width of a mere 1.7mm, creating a near seamless digital canvas.



| SPECIFICATION | DETAIL |
|---------------------------------|----------------------------------|
| Planar Part Number | 997-8319 |
| Technology | Commercial-grade direct view LCD |
| Diagonal | 55 inches |
| Aspect Ratio | 16:9 |
| Native Resolution Panels | 1920 x 1080 |
| Tiled Bezel Width | 0.06" (1.7 mm) |
| Brightness (typ) | 800 cd/m ² 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 | 3.6" wall to front of screen |
| Acoustic Noise | Fanless operation |
| Heat load | 660 BTU/hr |
| Operating temperature range | 5 - 40 Degrees C |
| Operating humidity range | 20-90% RH non-condensing |
| Backlight control | Individual and wall control |
| Backlight sensing and reporting | At display level |

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|---|---|
| Display module position sensing | Auto-sensing integrated |
| Power Consumption (typ) | 194 W |
| Power supply voltage | 100-230V AC ± 10%, 50-60 Hz |
| Power Status | Diagnostics LEDs, health monitoring and alerts |
| Safety regulations | Complies with EN60950, FCC Class A, CISPR22/85, CE, EU RoHS |
| Data Inputs | 4 HDMI inputs, 1 DisplayPort input |
| Control | IR Remote, RS232, Ethernet (optional) |
| Per Panel Dimensions (Including Mount) | 47.72" x 26.85" x 3.54" (1212 mm x 682 mm x 90 mm) |
| Per Panel Weight (Including Mount) | 56 lbs. (26 kg) |
| Shipping weight | 150 lbs (68.04 kg) |
| Touch Options | Clarity Matrix MultiTouch Kits |

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 4/2/2018

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