



Clarity Matrix G3

Complete LX55M-L 2x2

LCD Video Wall System

The Clarity® Matrix® G3 Complete™ LX55M-L 2x2 is a pre-packaged, ready-to-install, LCD video wall that includes four Full HD Clarity Matrix LX55M video wall displays, cables, trim, mounts, remote power supply with redundancy, and off-board Planar® Video Controller. The 110" video wall delivers 24x7 reliability, 4K resolution, high brightness and the narrowest tiled bezels in the industry.



SPECIFICATION	DETAIL
Technology	Commercial-grade LCD
Per Panel Dimensions (Including Mount)	47.7 x 26.8 x 3.6 in 1211.0 x 687.1 x 91.3 mm
Wall Dimensions (WxHxD) (Including Trim and Mount)	95.5 x 53.8 x 3.6 in 2426.0 x 1367.4 x 91.3 mm
Diagonal	109.4 in 2778.6 mm
Native Resolution Panels	1920 x 1080
Spare Displays Included	1
Native Resolution Wall	3840 x 2160
Aspect Ratio	16:9
Tiled Bezel Width	0.88 mm .04 in
Thermal Expansion Gap Required	0.4 mm .02 in
Wall Power Consumption (max)	940W
Rack Components and Cable Power Consumption (max)	347W
Power supply voltage	100-230V AC ± 10%, 50 to 60 Hz
Power Status	Diagnostics LEDs, health monitoring and alerts
Per Panel Weight (Including Mount)	47 lbs 21.1 kg
Wall Weight	199 lbs 90.3 kg

Shipping weight	400 lbs 182 kg
Mounted Depth	3.6in 91.44mm (wall to front of display)
Brightness (typ)	500 cd/m ² or nits
Contrast ratio (full field)	10000:1 (local dimming on) 1100:1 (local dimming off)
Response Time (typ)	8 ms
Full viewing angle	178°
Video Inputs (Controller)	4x HDMI 2.0 (w/ HDCP 2.2), 1x DisplayPort 1.2
Video Outputs (Controller)	4x RJ45 8P8C, 1x DisplayPort 1.2
Video Extension built-in	200ft 60m over STP CAT6
Control	IR Remote Control, RS-232, USB, Network, Leyard WallDirector Software
Sync	Mini BNC In/Out
Backlight control	Individual and wall control
Backlight sensing and reporting	At display level
Display module position sensing	Auto-sensing integrated
Backlight life (1/2 brightness)	50,000 Hrs
Power Supply	Offboard Redundant Optional Hot Swap
Wall Mount	Planar® EasyAxis™ Mounting System
Acoustic Noise	LCD: <30dBA (fanless), VC: 45dBA, RPS: <40dBA @ 25°C (77°F)
Wall Heat Load (max)	3207 BTU/hr
Rack Heat Load (max)	601 BTU/hr
Operating Temperature/Humidity (degrees F/C, relative humidity)	5° to 40° C / 20-90% RH 41° to 104° F / 20-90% RH
Orientation	Landscape
Safety regulations	Complies with EN60950, FCC Class A, CISPR22/85, CE, EU RoHS

For more information, please visit www.planar.com

Specifications are subject to change without notice.

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