



Clarity Matrix G3

Complete LX55M-L 3x3

LCD Video Wall System

The Clarity® Matrix® G3 Complete™ LX55M-L 3x3 is a pre-packaged, ready-to-install, LCD video wall that includes nine Full HD Clarity Matrix LX55M video wall displays, cables, trim, mounts, remote power supply with redundancy, and off-board Planar® Video Controller. The 165" video wall delivers 24x7 reliability, 6K 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)	143.2 x 80.7 x 3.6 in 3637.0 x 2049.1 x 91.3 mm
Diagonal	164.1 in 4168.1 mm
Native Resolution Panels	1920 x 1080
Spare Displays Included	2
Native Resolution Wall	5760 x 3240
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)	2115W (for displays only. Use Clarity Matrix calculator for total system wattage).
Rack Components and Cable Power Consumption (max)	600W
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	443 lbs 200.9 kg
Shipping weight	870 lbs 394.6 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)	9x 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)	7217 BTU/hr
Rack Heat Load (max)	1075 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 EN62368-1, FCC Class A, CISPR22/85, CE, EU RoHS
Cat6 Cables and Connectors	Cat6a STP (shield twisted pair) cables and connectors are required.

For more information, please visit www.planar.com

Specifications are subject to change without notice.

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