LEYARD

Clarity Matrix MultiTouch
MX55HDU-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® MX55HDU-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™)technologyprovides a continuous touch surface while increasing durability and optical performance. Clarity Matrix MX55HDU-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	997-8170-01
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)	800 cd/m² 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	3.8" wall to front of screen
Acoustic Noise	Fanless operation
Heat load	747 BTU per hour at 500 nit
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
Display module position sensing	Auto-sensing integrated
Power Consumption (typ)	230 watts
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 Single Link DVI Inputs, 1 Dual Link DVI Input
Control	IR Remote, RS232, Ethernet (optional)
Per Panel Dimensions (Including Mount)	47.81" x 26.98" x 3.7" (1214.4 mm x 685.3 mm x 94.0 mm)
Per Panel Weight (Including Mount)	74 lbs (33.57 kg)
Shipping weight	170 lbs (77.11 kg)
Touch Options	Clarity Matrix MultiTouch Kits: MT6-6 Simultaneous Touch Points; MT32-32 Simultaneous Touch Points
Touch Frame Dimensions	2.6" x 2.6" x 4.6" (66.1 x 66.1 x 116.8)
Power for Touch System	100-240V AC, 50-60 Hz
OS Compatibility	Windows 8, Windows XP, Mac OS X, Android (limited to iStick), Linux
Fiber Video Extension Module Option	1 RU rack mount module drives up to 4 panels.
Fiber Video Extension Module Outputs	SFP multi-mode transceivers supports distances up to 300m from wall. Single-mode compatible up to 10k from the wall.
UPC	8 10689 00270 3

For more information, please visit www.leyard.com

Specifications are subject to change without notice.

Specification Report Date: 8/15/2018