

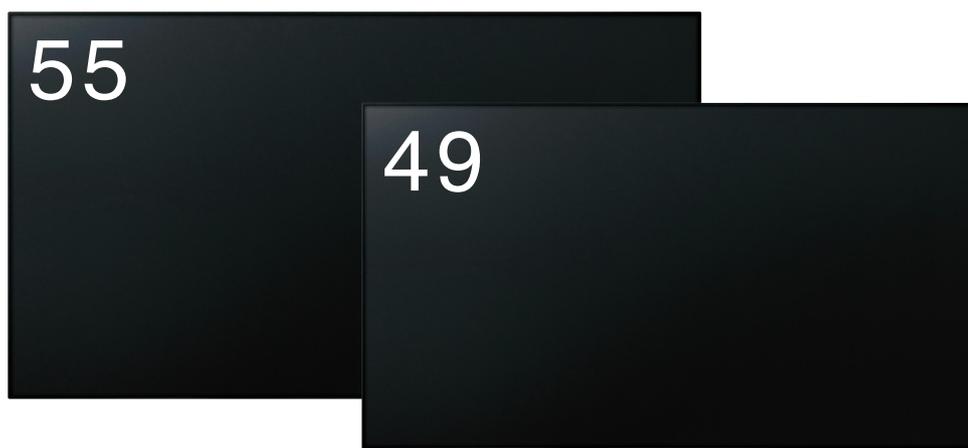
LFV8 Series

LCD Video Wall Display

Available from Summer 2017

Tentative

LFV8 Series Delivers Convincing Cost-to-Performance In a 4K-ready Video Wall with DisplayPort and More



LFV8 Series		
	TH-55LFV8	TH-49LFV8
Screen size	55-inch	49-inch
Panel/backlight	IPS / Direct LED	
Brightness	500 cd/m ²	450 cd/m ²
Bezel-to-Bezel* ¹	3.5 mm (0.14")	

Slim Bezels and Brilliant Pictures

- Bezel-to-Bezel*¹ Distance: 3.5 mm [0.14"] Presents a Virtually Seamless Image
- IPS Panel for Clear Off-axis Visibility and Wide-Angle Color Accuracy
- DisplayPort 1.2 In/Out Terminals for a Native 4K (3840 x 2160/30p) Image Across Daisy-chained 2 x 2 Video-wall Panels with MST 4K Input Signal
- Precise Scaling and Enlargement of 4K (3840 x 2160) SST Signals Across 2 x 2 Video Walls and Larger
- Anti-Glare (AG) Screen Surface for Clear Visibility in Bright Ambient Light
- Energy-efficient Direct-lit LED Backlighting with Local Dimming to Optimize Contrast According to Individual Scenes

High Reliability and Low TCO

- Supports Daisy-chain Connection via DVI/DisplayPort and RS232C
- Engineered for Dependable and Economical 24/7 Operation with High Suitability for Airports, Train Stations, Surveillance, and Signage
- Supports Portrait Orientation Without Affecting Color, Brightness, or Operational Life

Cost-Effective Installation and Easy Operation

- Factory Pre-Calibrated Color Minimizes Color Differences in Multi-screen Installations
- Fast and Precise Video-Wall Mounting System with Optional Installation Mount
- Up to 10 x 10*² Multi-Screen Configuration for High-Impact Images in Large Spaces

*¹ Bezel-to-bezel distance refers to the combined top and bottom (or left and right) bezel-width of adjacent displays in video-wall configuration. The gap between displays is not included. *² Multi-screen configuration for 4K output is to be determined.

Specifications (Tentative)

Model	TH-55LFV8	TH-49LFV8
Display		
Screen size (diagonal)	55-inch (1,387 mm)	49-inch (1,232 mm)
Panel type	IPS/Direct LED	
Aspect ratio	16:9	
Effective display area (W x H)	1,209 x 680 mm (47.6" x 26.8")	1,073 x 604 mm (42.2" x 23.7")
Number of pixels (H x V)	1920 x 1080	
Brightness	500 cd/m ²	450 cd/m ²
Contrast ratio	1,400:1	1,300:1
Dynamic contrast	TBD	
Response time	8.0 ms (G to G)	
Viewing angle (Horizontal/vertical)	178 ° / 178 ° (CR≥10)	
Panel surface treatment	Anti-glare	
Connection terminal		
VIDEO In	BNC x 1 set (Shared with Component Y)	
Audio In (L/R)	RCA jack (L+R) x 1 (Shared with Component In)	
HDMI In	HDMI TYPE A connector x 2	
Component In	BNC x 1 set (Shared with VIDEO In)	
Audio In (L/R)	RCA jack (L+R) x 1 set (Shared with VIDEO In)	
DVI-D In	DVI-D 24-pin x 1	
DVI Out	DVI-I 29-pin x 1	
Audio In (L/R)	Stereo Mini-jack (M3) x 1 (Shared with PC In)	
PC In	Mini D-sub 15-pin x 1	
Audio In (L/R)	Stereo Mini-jack (M3) x 1 (Shared with DVI-D In)	
DisplayPort In	DisplayPort x 1 (DP1.2)	
DisplayPort Out	DisplayPort x 1 (DP1.2)	
USB	USB connector (TYPE A) x 1, DC 5 V/0.5 A, USB 2.0	
LAN	RJ45 x 1 for network, compatible with PLink™, 10BASE-T/100BASE-TX	
Serial In/Out	2.5 mm phone jack x 1, RS-232C compatible	
IR In/Out	Stereo Mini-jack (M3) x 1 / x 1	
Audio Out	Stereo Mini-jack (M3) x 1	
Audio		
External Speaker	20 W [10 W + 10 W]	
Electrical		
Power requirements	110–240 V AC, 50/60 Hz	
Power consumption	330 W or lower	235 W or lower
Power off condition	0 W	
Standby condition	Approx. 0.5 W	
Mechanical		
Dimensions (W x H x D)	1,213.4 x 684.2 x 95 mm (47.8" x 26.9" x 3.7")	1,077.7 x 607.9 x 103.8 mm (42.4" x 23.9" x 4.09")
Bezel width	3.5 mm (L/T: 2.25 mm, R/B: 1.25 mm)	
Weight	TBD	TBD
Wall-hanging pitch	VESA compliant 400 x 400 mm (15.8" x 15.8")	
Installation orientation	Landscape/Portrait	
Environment		
Operating environment	Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 3,000 m altitude Humidity: 20 % to 80 % (Non-condensation)	
Storage environment	Temperature: -20 °C to 60 °C (-4 °F to 140 °F), Humidity: 5 % to 95 % (Non-condensation) (Altitude: 0–9,000 m)	

Optional Accessories

- **Installation Mount**
TY-VK49LV1
TY-VK55LV1
- **Early Warning Software**
ET-SWA100 Series*

* Part number suffix may differ depending on the license type.

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