

Panasonic



Built for Attention Engineered for Performance

LH-NP12K-B | LH-NP15K-B | LH-NP18K-B | LH-NP25K-B

Modern spaces demand seamless,
high-performance visual systems.

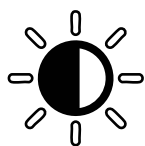


Traditional large-format displays often fall short due to
Visible seams, Inconsistent brightness, Complex maintenance and Limited installation flexibility

The PIK Series Active LED is engineered
to eliminate these limitations:



Bezel less
display



High brightness
with consistency



Easy Installation

Normal LED Display



Panasonic LED Display

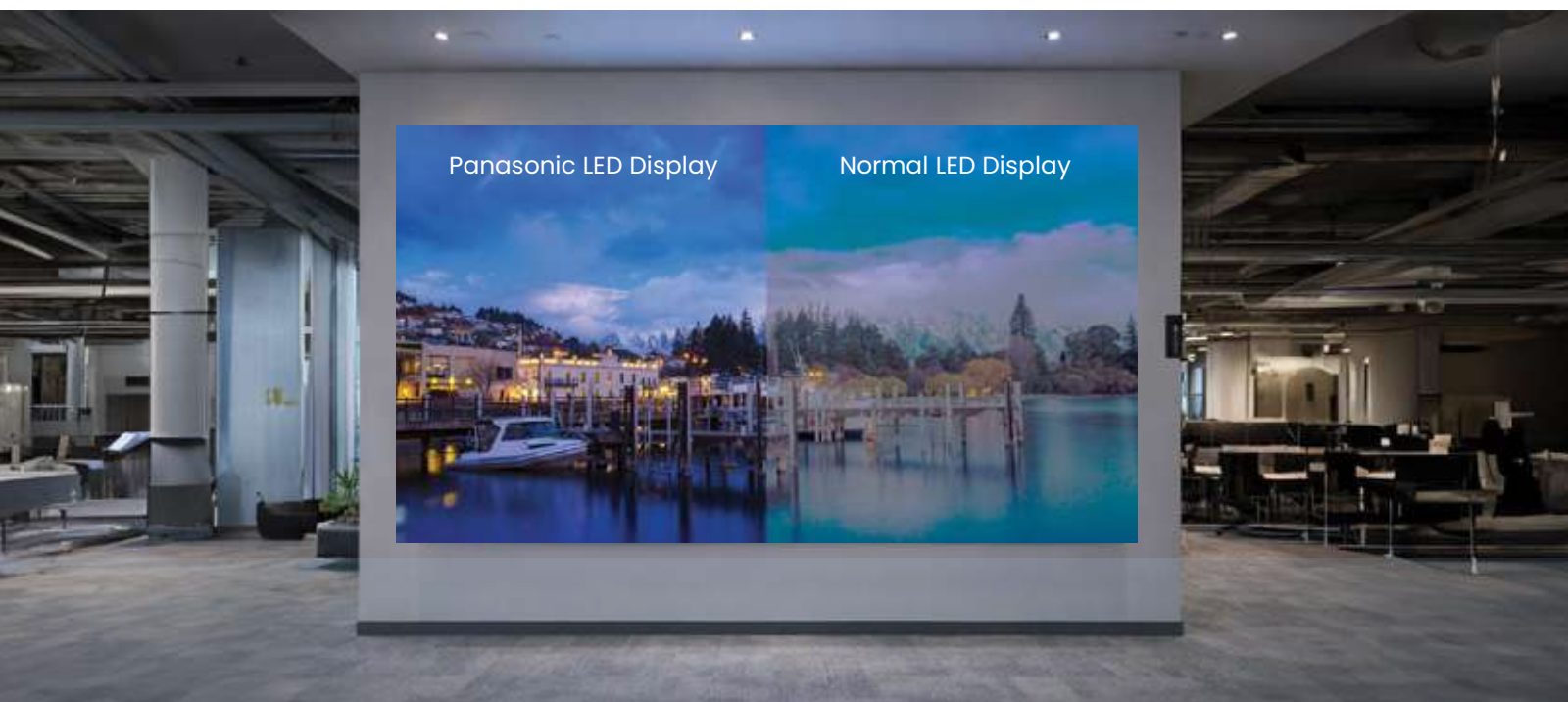
3840 Hz High Refresh Rate

Provides ultra-smooth playback for dynamic content, live feeds, and camera-recorded events in auditoriums and broadcast-ready spaces.



800 Nits High Brightness

Ensures clear visibility even in well-lit environments such as corporate lobbies, reception areas, and auditoriums with strong ambient lighting.



7000:1 High Contrast Ratio

Delivers deeper blacks and sharper image definition—ideal for presentations, branded content, and high-detail visuals.



90° Creative Corner Design

29.5 mm edge thickness enables right-angle LED configurations—perfect for wrapping displays around architectural corners while maintaining continuous visuals.



Ultra Slim Cabinet

Sleek form factor allows seamless integration into modern architectural settings without occupying excess space.

Elevate DooH Experience with **SIGNEDGE**

SignEdge unlocks the full capability of Active LED by enabling centralised control, wireless content deployment, and real-time updates—ensuring efficient, uninterrupted screen management across locations.



Uploading
Content



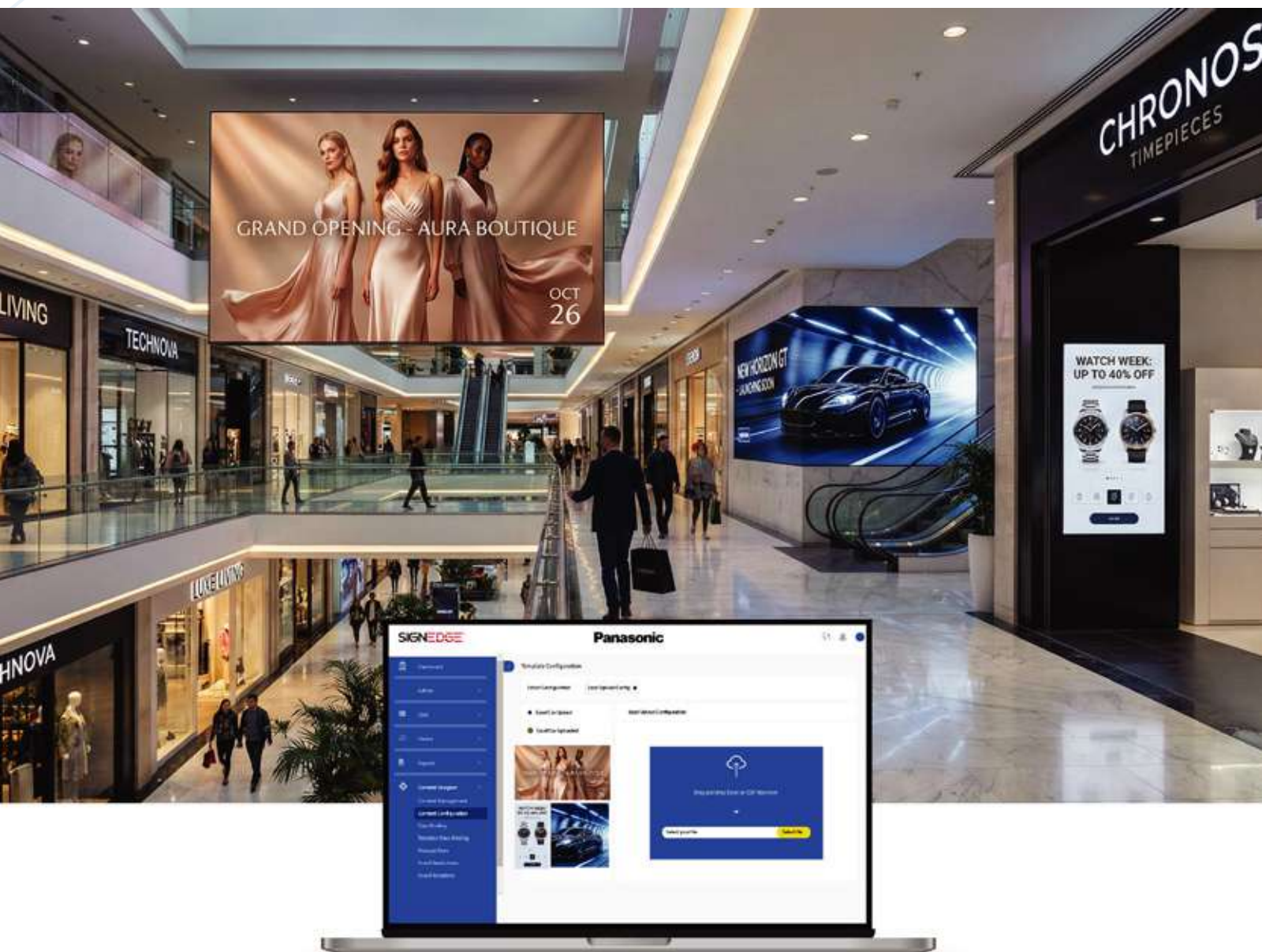
Content
Scheduling



Content
Publication



Monitoring
& Control



SPECIFICATION

MODEL NUMBER	LH-NP12K-B	LH-NP15K-B	LH-NP18K-B	LH-NP25K-B
Physical Parameters				
Pixel Configuration	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1
Pixel Pitch (mm)	1.25	1.56	1.88	2.5
Module Resolution (W x H)	240x135	192x108	160x90	120x135
Module Dimension (W x H, mm)	300x168.75	300x168.75	300x168.75	300x337.5
Weight per Module (kg)	0.29	0.29	0.29	0.6
NO. of Modules per Cabinet (W x H)	4	4	4	2
Cabinet Resolution (W x H)	480x270	384x216	320x180	240x135
Cabinet Dimensions (W x H x D, mm)	600*337.5*29.5	600*337.5*29.5	600*337.5*29.5	600*337.5*29.5
Cabinet Surface Area (m²)	0.203	0.203	0.203	0.203
Weight per Cabinet (kg/ Cabinet)	5.2	5.2	5.2	5.2
Weight per Square Meter (kg/ m²)	25.7	25.7	25.7	25.7
Physical Pixel Density (pixels/ m²)	640,000	409,600	284,444	160,000
Flatness of Cabinet (mm)	0.1	0.1	0.1	0.1
Cabinet Material	Aluminium Diecast	Aluminium Diecast	Aluminium Diecast	Aluminium Diecast
Service Access	Front	Front	Front	Front
Optical Specifications				
Max. Brightness (After Calibration, nit)	800	800	800	800
Color Temperature (K)	3000-10000	3000-10000	3000-10000	3000-10000
Visual Viewing Angle (H x V)	160°/160°	160°/160°	160°/160°	160°/160°
Brightness Uniformity	98.20%	98.20%	98.20%	98.20%
Color Uniformity	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy
Contrast Ratio	7000:1	7000:1	7000:1	7000:1
Processing Depth (bit)	14	14	14	14
Electrical Specifications				
Power Consumption (W/ Cabinet, Max.)	110W/ Panel	110W/ Panel	110W/ Panel	110W/ Panel
Power Consumption (W/ Cabinet, Avg.)	35W/ Panel	33W/ Panel	33W/ Panel	30W/ Panel
Power Consumption (W/ m² Max.)	543 W/ m² Max	494 W/ m² Max	494 W/ m² Max	494 W/ m² Max
Heat Dissipation (BTU/h/ Cabinet, Max.)	376	314	314	314
Heat Dissipation (BTU/h/ Cabinet, Avg.)	125	104	104	104
Heat Dissipation (BTU/h/ m² Max.)	1857	1551	1551	1551
Power Supply (V)	AC100-240V	AC100-240V	AC100-240V	
Frame Rate (Hz)	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Refresh Rate (Hz)	3,840	3,840	3,840	3,840
Operation Specifications				
LED Lifetime (Half Brightness)	100,000	100,000	100,000	100,000
Operating Temperature (°C)	-10°C~ +45°C	-10°C~ +45°C	-10°C~ +45°C	-10°C~ +45°C
Operating Humidity	10-90%	10-90%	10-90%	10-90%
IP Rating Front/ Rear	IP30	IP30	IP30	IP30