PRO ACOUSTIC SOLUTIONS

INDOOR SERIES

As the market for indoor LED displays continues to grow, so does the need for displays that offer more. Pro-Acoustic Series let you offer solutions that are larger, more spectacular and with deeper colors. They are also easier to install and ensure long-life performance.

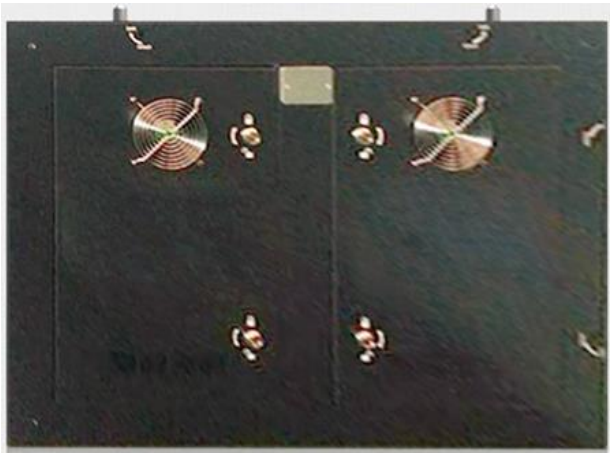
Pro-Acoustic Series LED displays bring high resolution images to indoor applications where image quality matters; ranging from museums and other visitor attractions, broadcasting and control rooms, to retail and advertising.

- Superior image quality, today and tomorrow.
- Peace of mind, thanks to our smart and proactive LED tiles
- Easy installation and maintenance

FEATURES

Stand Out Visibility

Pro-Acoustics Series maintains optimal visibility in bright and dark environments alike. High brightness of up to 1400 nits* and a low reflection technology prevent interference from surrounding lights to allow for brilliant presentation in settings with constantly changing lighting conditions.



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Brilliant Centerpiece

Pro-Acoustics displays deliver uninterrupted, brilliant content in any indoor environment. Easy to install and designed to be tough, Pro-Acoustics Series performs to capture audience attention regardless of surrounding distractions, such as ambient light and noise.

Clearly Refined Visuals

Pro-Acoustic Series is dynamic peaking and inverse tone mapping enhance content to optimum peak brightness levels with improved contrast and without shine, and in-depth color mapping ensures an accurate expression of colors.

Unwavering Reliability

Pro-Acoustic Series is Resistant to the impact of environmental noise and vibration, Pro-Acoustics Series boasts continuous performance even in turbulent and loud indoor venues such as sports stadiums and train stations.

Specialized Color Tuning

Pro-Acoustics two-step calibration process ensures that content is delivered with accurate and consistent color quality. First, display maintenance teams close color distortion gaps by tuning pixels to the lowest possible brightness level. Next, each pixel undergoes LED voltage adjustment that creates perfect color uniformity as brightness settings increase. By achieving the correct color tones, this thorough calibration process produces high-quality imagery with optimal color integrity.

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Technical Specification

Specs Indoor Series			
Model No.	PA-3	PA-4	PA-5
Pixel Pitch	3 mm	4 mm	5 mm
Brightness	≤ 1000nits	≤ 1000nits	≤ 1400nits
Refresh Rate	≥ 1200Hz	≥ 1200Hz	≥ 1200Hz
Driving Method	1/20 scan	1/15 scan	1/12 scan
Grey level	16384 Level	16384 Level	16384 Level
Color Display	4.4 Trillion	4.4 Trillion	4.4 Trillion
LED Type	SMD 2020	SMD 2020	SMD 2020
IP Grade	IP31	IP31	IP31
Power consumption(Max/Average)	390/155 W/sq.m	400/160 W/sq.m	375/150 W/sq.m
Cabinet			
Module Size (mm)	240×240×17 mm	240×240×17 mm	240×240×17 mm
Cabinet Size(mm)	720×720×97 mm	720×480×97 mm	720×920×97 mm
Cabinet Material	Iron sheet metal	Iron sheet metal	Iron sheet metal
Cabinet weight(kg)	17 kg	11.5 kg	17 kg
Cabinet resolution	240×240 Pixels	180×120 Pixels	144×144 Pixels
Pixel density	111111 Pixels/sq.m	65536 Pixels/sq.m	40000 Pixels/sq.m
Application environment			
Input AC power voltage	110V-240V		
Working temperature	-20℃~50℃		
Working humidity	10%-95%RH		
Signal type(with video processor)	AV, S-Video, VGA, DVI, HDMI, SDI, DP		
Control distance	HSYV: <100m; SMF: <10km		

Note: All specifications are subject to change due to continuous improvements.