



Taylorleds

WX Series

Unmatched Visual Performance.
Ultra-thin 28.5mm Large-base LED Panel.

WX SERIES 1.2mm, 1.5mm, 1.8mm , 2.5mm, 3.7mm



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2025 WX SERIES LED MADE BY TAYLORLEDS



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Taylorleds is an innovative, integrity minded joint-venture focused on providing State of the Art LED products. Absen owns 80% of Taylorleds and manufactures most of Taylorleds LED Display products while Design, R&D and QC are handled by Taylorleds. Absen is a public-listed Chinese LED Display manufacturer.

With decades of experience dealing in OEM manufacturing and our Un-matched Internal Design and Engineering, Taylorleds introduces our newest and most advanced line of LED systems. Every facet of the Design has been meticulously thought out. Mechanical Design, Visual Graphic Electronics, Installation, Reliability, Service and Support, Multiple Resolutions and LED Processing Systems to fit any budget.

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WX Series: More of everything — speed, depth, and brilliance. Still light as ever.

The WX Series was originally designed as an affordable indoor LED display solution for corporate, entertainment, sports, education, and house of worship markets. However, it has evolved into a hallmark of precision engineering, visual performance, product versatility, and user experience.

With base panels 2.56 times larger than standard 16:9 cabinets, the WX enables faster installations and cleaner, more seamless visual surfaces. Its ultra-thin profile—just over 1" in depth—houses custom-developed power supplies and an integrated hub card, all within a sleek chassis that supports wireless connection and three versatile mounting options: rigging, stacking, and wall-mount.

Now upgraded with a 7680Hz refresh rate, 16-bit grayscale, and enhanced peak brightness for higher dynamic contrast, the WX Series delivers ultra-smooth motion, deeper blacks, and eye-catching highlights. Backed by the industry's most powerful processing hardware, it redefines what's possible for lightweight indoor LED displays—setting a new benchmark for performance, reliability, and efficiency in the ProAV market.



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Elevated Panel Design with Pro Features

True 16:9 Ratio

16 x 9 panel allowing perfect aspect ratios that match any HD format without the need for scalers or external video processing.



Larger Base Panel

The main base panel is 960 mm x 540 mm. This means a large wall will require fewer panels and seams to adjust, equaling faster installation.



Captive Screws

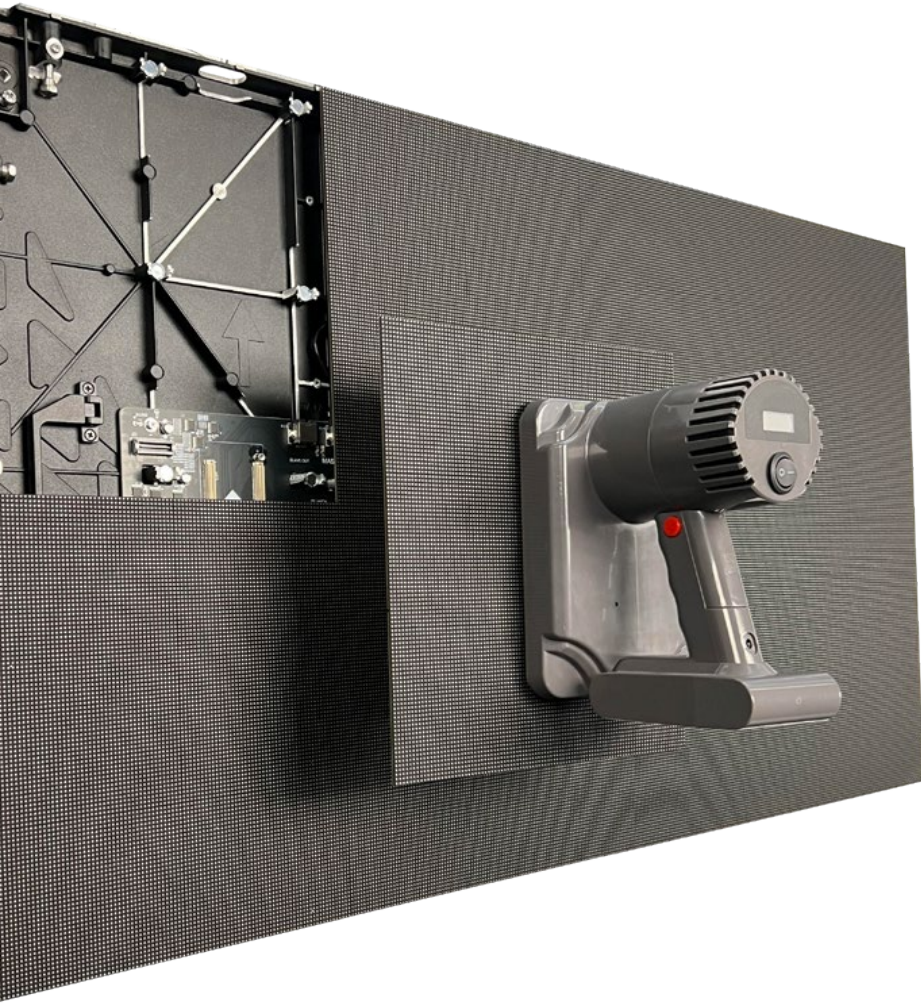
For ease of installation, panels have captive screws. (2) on the top and (2) on the side. No more searching for missing hardware.



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Super Thin Barely over 1" thick panel (28.5 mm / 1 1/8").



Front Serviceable

The WX LED display is engineered for maximum convenience and efficiency, featuring a front serviceable design. This allows for easy access to both the power units and LED modules, enabling swift removal and replacement directly from the front of the display. As a result, maintenance time and effort are significantly reduced, ensuring minimal disruption and enhanced operational reliability.

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Multiple panel sizes

Multiple panel sizes to build almost any size LED wall imaginable...

- 960 x 540 x 28.5
- 240 x 540 x 28.5
- 480 x 540 x 28.5
- 480 x 270 x 28.5
- 720 x 270 x 28.5
- 960 x 270 x 28.5

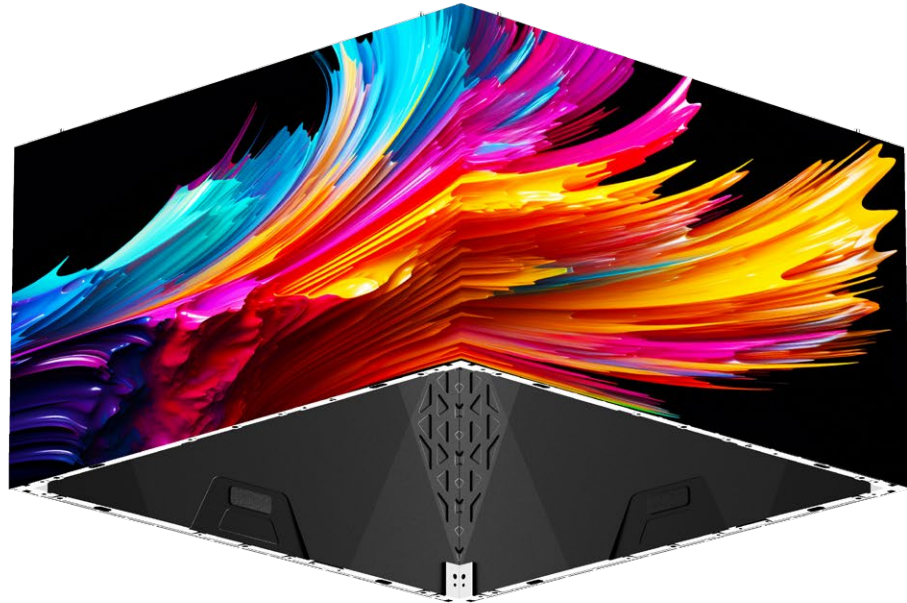


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Corners & Cubes

Creative Applications

Create 45° corners and cubes for free standing, hanging structures or wall wraps.



Wall Mounting Options

Wall Mount System

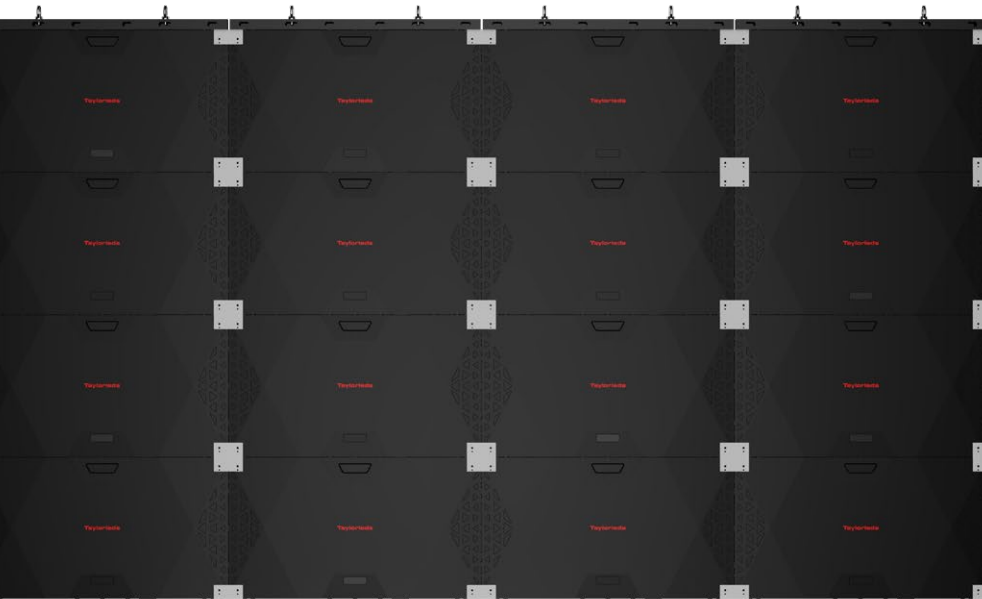
A wall-mount system specifically designed for WX panels, featuring modular brackets that easily connect for fast, seamless installation.



Hanging Options

Rigging System

Designed for ease and efficiency, the super lightweight hanging bars come with integrated curve plates, making them simple to use when installing the panels.



Floor Stack Option

Stacking System

Designed by industry veterans, the universal stacking system for LED panels is both easy to use and highly reliable, ensuring quick setup and teardown.

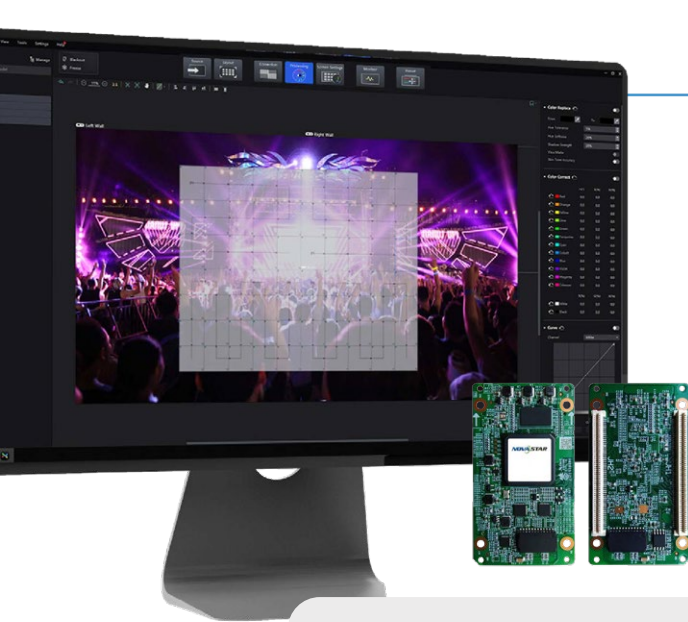


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High Refresh Rate: 7680Hz

The WX Series features a 7680Hz refresh rate powered by advanced driver ICs and PWM optimization. By extending the pulse width through PAM (Pulse-Amplitude Modulation), the display allows for longer on-times per frame, eliminating visible flicker and ensuring smooth, stable playback—even in low grayscale conditions.





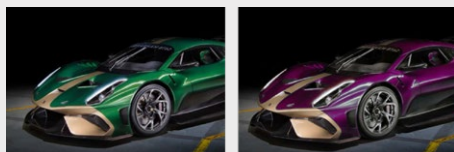
Superior Graphics Performance

The WX is equipped with superior graphics cards and the latest driving ICs that support a 7680Hz refresh rate and 16-bit grayscale, delivering exceptional visual fidelity. When paired with the MX Series controllers from the COEX family on the VMP platform, the system unlocks advanced processing capabilities—including ultra low latency, HDR10 support, precise color management, and secure backup of calibration data.



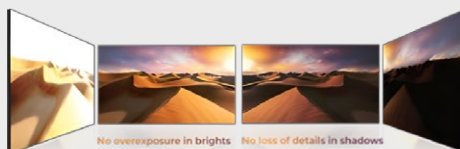
Frame Multiplexing

Allows users to re-frame multiple video feeds in the same time field. It is possible to output multiple effects simultaneously within a single shooting scene, improving work efficiency.



Color Replacement

Supports unrestricted color replacement, with minimal impact on other colors.



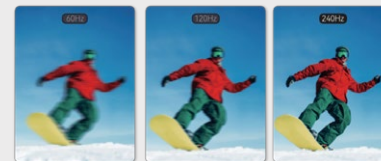
Contrast + Black Level

Allows independent adjustment of highlights and shadows by contrast and black level, avoiding overexposure but delivering rich dark content.



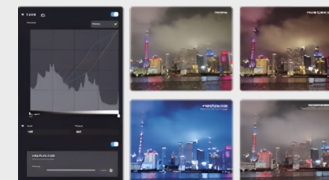
Ultra Low Latency

Latency can be minimized to 0 frame for broadcast, sport events, film industries, etc. It greatly enhances the synchronization of camera shooting and stage acting.



HFR

Supports high frame rates up to 120Hz, 144Hz, or even 240Hz. This allows smooth representation of video featuring high-speed moving objects.



Color Curve + 3D LUT

Curve adjustment and importing of 3D LUT files let you manage color in creative and artistic ways, just like a Hollywood colorist.

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Specifications

Taylorleds WX Series Packages LED panels shown.

Specifications	WX 1.2	WX 1.5	WX 1.8	WX 2.5	WX 3.7
LED Type	SMD 3 in 1 1010	SMD 3 in 1 1212	SMD 3 in 1 1515	SMD 3 in 1 1515	SMD 3 in 1 1515
Pixel Pitch (mm)	1.25	1.5	1.87	2.5	3.75
Panel Dimensions (W*H*D)/(mm)	960 x 540 x 28.5	960 x 540 x 28.5	960 x 540 x 28.5	960 x 540 x 28.5	960 x 540 x 28.5
Panel Weight (kg)	11.5	11.5	11.5	11.5	11.5
Pixel Per Panel	768 x 432	640 x 360	512 x 288	384 x 216	256 x 144
Panel Material	Die Casting Aluminum				
Module Dimensions (W*H)/(mm)	240 x 270	240 x 270	240 x 270	240 x 270	240 x 270
Brightness (nit)	600	800	800	800	800
Refresh Rate (Hz)	7680	7680	7680	7680	7680
Gray Scale (bit)	14	16	16	16	16
Contrast Ratio	3500:1	4000:1	4000:1	4500:1	5200:1
Color Temperature (K)	6500	6500	6500	6500	6500
Viewing Angle (H/V) (°)	140/120	150/150	160/160	160/160	160/160
Driving Type	1/54	1/45	1/36	1/27	1/18
AC Operating Voltage (V)	100~240	100~240	100~240	100~240	100~240
Power Consumption (Max./Avg.) (W/m ²)	420/140	480/160	420/140	450/150	480/160
Storage Temperature (°C)	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60
Operating Temperature (°C)	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40
Storage Humidity (RH)	10%~85%	10%~85%	10%~85%	10%~85%	10%~85%
Operating Humidity (RH)	10%~80%	10%~80%	10%~80%	10%~80%	10%~80%
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
LED Lifetime (H)	100000	100000	100000	100000	100000
Module Maintenance	Front	Front	Front	Front	Front
PSU & Other Maintenance	Front	Front	Front	Front	Front
Panel Installation Type	Wall / Hanging / Stacking	Wall / Hanging / Stacking	Wall / Hanging / Stacking	Wall / Hanging / Stacking	Wall / Hanging / Stacking
Certification	UL, CE, FCC	UL, CE, FCC	UL, CE, FCC	UL, CE, FCC	UL, CE, FCC

Specifications subject to change. Please contact Taylorleds for updated specifications.

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