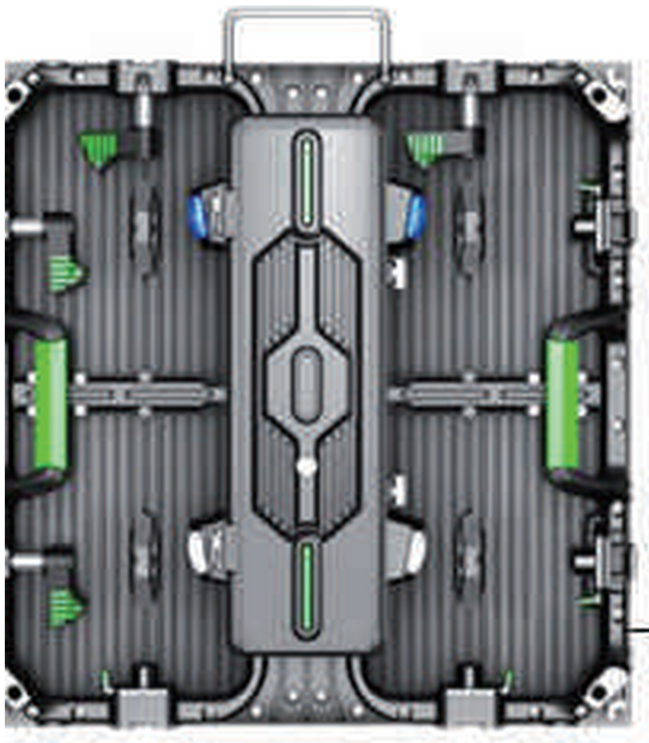


YXC-L500 / L1000

PROFESSIONAL RENTAL LED DISPLAY



Enhanced Load-Bearing For stable multi-layer stacking	Mixed-Cabinet Splicing 500×500 + 500×1000 mm	Unified Locking No additional adapters required	Stable Structure Wind & impact resistance
---	--	---	---

Strong Load-Bearing. Seamless Mixed Splicing. Built for Large Rental Projects.

Product Overview

YXC-L500/L1000 is a professional rental LED display developed for large-scale stage and event applications. The series combines 500 × 500 mm and 500 × 1000 mm cabinets in one platform, allowing flexible mixed-cabinet configurations for different screen dimensions and installation areas.

The product material emphasizes enhanced load-bearing capacity for multi-layer stacking, reinforced cabinet interlocking, resistance to wind pressure and impact, and a unified locking system shared by both cabinet sizes. This allows the two cabinet formats to work together without additional adapters while maintaining a rigid and integrated screen structure.



Display Side / 500 mm Cabinet



Rear Cabinet Structure

POSITIONING

Designed for Large Rental Projects

The L series is positioned around structural strength and installation flexibility. The 500 × 1000 mm cabinet helps accelerate large-area main-screen installation, while the 500 × 500 mm cabinet is better suited to corners, columns and irregular areas. Together, the two sizes provide a practical platform for large rental screens that require both efficient setup and flexible local adaptation.

Key Features & Structural Advantages

Enhanced Load-Bearing Reinforced for multi-layer stacking, with greater load-bearing capacity at the bottom cabinet position.	Seamless Mixed Splicing 500 × 500 mm and 500 × 1000 mm cabinets can be combined within the same display system.
Unified Locking System Both cabinet sizes share one locking system, eliminating the need for additional adapters.	Reinforced Interlocking The strengthened connection mechanism helps minimize cabinet gaps and creates a more unified screen structure.
Wind Pressure Resistance The supplied product description highlights improved resistance to wind pressure.	Impact Resistance Reinforced cabinet construction is designed to improve structural resistance to impact.
Fast Large-Screen Setup The 500 × 1000 mm cabinet reduces the number of cabinets required across large display areas.	Flexible Small Cabinet The 500 × 500 mm cabinet adapts more easily to corners, columns and irregular installation areas.

CABINET COMBINATION

500 × 500 mm + 500 × 1000 mm

500 × 500 mm Flexible for corners, columns and irregular areas.	500 × 1000 mm Efficient for rapid installation across large main-screen areas.
Mixed Installation Two cabinet sizes can be combined for more flexible project layouts.	One Locking Platform Unified locking structure simplifies mixed-cabinet connection.

Technical Specifications

Parameter	P1.95	P2.604	P2.976	P3.91	P4.81
Pixel Pitch	1.95	2.604 mm	2.976 mm	3.91 mm	4.81 mm
Density	262974 dots/m ²	147928 dots/m ²	112910 dots/m ²	65536 dots/m ²	43222 dots/m ²
LED Type	SMD1515	SMD2121	SMD2121/SMD1921	SMD2121/SMD1921	SMD2121/SMD1921
Panel Size	500×500 & 500×1000 mm	500×500 & 500×1000 mm	500×500 & 500×1000 mm	500×500 & 500×1000 mm	500×500 & 500×1000 mm
Panel Resolution	256×256 / 256×512 dots	192×196 / 192×384 dots	168×168 / 168×332 dots	128×128 / 128×256 dots	104×104 / 104×208 dots
Panel Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Screen Weight	7.5KG / 14KG	7.5KG / 14KG	7.5KG / 14KG	7.5KG / 14KG	7.5KG / 14KG
Drive Method	1/32 Scan	1/32 Scan	1/28 Scan	1/16 Scan	1/13 Scan
Best Viewing Distance	2m–20m	2.5m–25m	3m–30m	4m–40m	5m–50m

Brightness	900 nits / 4500 nits
Input Voltage	AC110V1220V+10%
Max Power Consumption	800W
Average Power Consumption	300W
Waterproof (for outdoor)	Front IP65, Rear IP54
Application	Indoor & Outdoor
Life Span	100,000 Hours

Technical values are reproduced from the supplied parameter sheet and retained as supplied.

Target Customers & Main Applications

Concerts & Music Festivals Large rental LED walls for live performance environments.	Stage Performances Main screens and modular visual structures for professional stages.
Large Outdoor Events Rental display projects where structural stability is especially important.	Exhibitions & Trade Shows Flexible modular displays for temporary exhibition projects.
Corporate & Brand Events Large visual systems for launches, ceremonies and commercial events.	Sports & Event Projects Temporary large-format LED display installations for event venues.

TARGET CUSTOMERS

Professional Rental & Project Market

LED display rental companies; stage equipment suppliers; event production companies; AV system integrators; exhibition contractors; LED display distributors; and professional project solution providers.

PRODUCT ADVANTAGES

Why YXC-L500/L1000

Strength for Large Projects

Enhanced load-bearing and reinforced interlocking are suited to demanding large-screen rental installations.

Flexible Mixed Splicing

Two cabinet sizes allow efficient large-area installation while retaining flexibility in local or irregular areas.

Simplified Connection

The unified locking system allows mixed-cabinet connection without additional adapters.

Stable Integrated Structure

Reinforced connection design helps create a rigid, unified screen after assembly.

SPECIFICATION NOTE

Product Information

Specifications and product appearance may be updated as part of continuous product improvement. Final configuration should be confirmed according to the order, project environment and supplied quotation before production or shipment.