

LY500 / LY1000 3-IN-1

PROFESSIONAL RENTAL LED DISPLAY



Lightweight Cabinet Easier transport & installation	7680 Hz Refresh Clear, camera-friendly visuals	Front & Rear Maintenance Flexible service access	Corner Protection Designed for frequent rental use
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Lightweight. High Refresh. Easy Maintenance. Built for Rental.

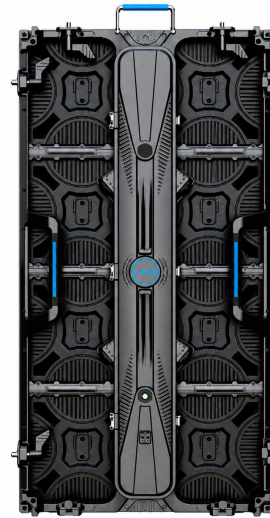
Product Overview

LY500/LY1000 3-IN-1 is a professional rental LED display series designed around efficient on-site installation, flexible maintenance and frequent event use. The cabinet is lighter and easier to install on-site, while 500 x 500 mm and 500 x 1000 mm cabinet formats provide more combination options for different project sizes.

The supplied product material highlights a 7680 Hz refresh rate for clear and crisp display performance, front maintenance of the LED module, rear maintenance of the complete cabinet, and a corner-protection structure intended to reduce accidental damage during transport, handling and repeated installation.



LY500 - 500 x 500 mm Cabinet



LY1000 - 500 x 1000 mm Cabinet

KEY FEATURES

Designed for Efficient Rental Operation

Lightweight Cabinet

Lighter cabinet construction makes transport, handling and on-site installation easier.

7680 Hz High Refresh

The supplied product description specifies a 7680 Hz refresh rate for clear and crisp visuals.

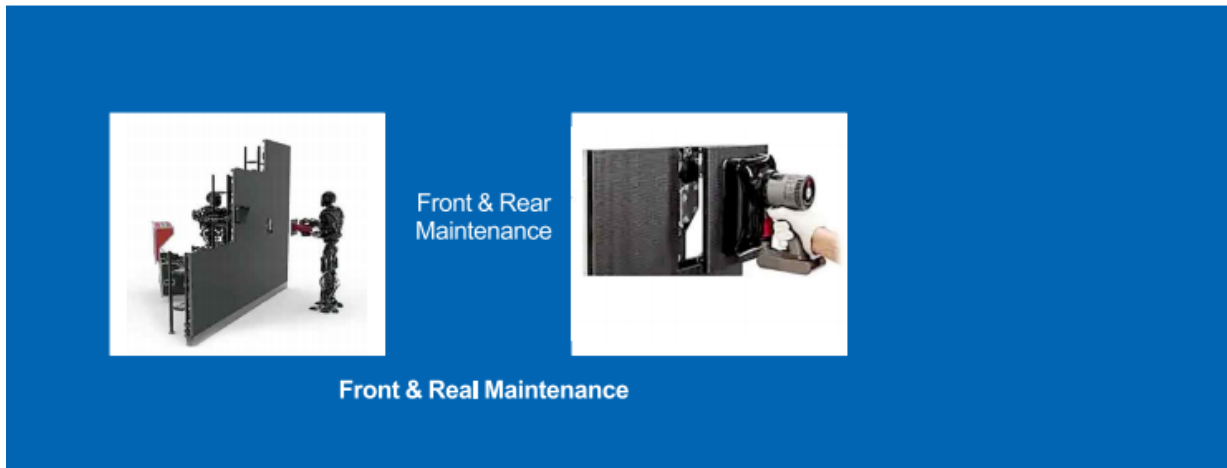
Dual Cabinet Sizes

500 x 500 mm and 500 x 1000 mm cabinet formats provide flexible combination options.

Rental-Oriented Design

Suitable for projects that require frequent transport, assembly, dismantling and reuse.

Maintenance & Protection



Front & Rear Maintenance

Front & Rear Maintenance

Supports front maintenance of the LED module and rear maintenance of the complete cabinet. This gives installers more flexibility when servicing the screen in different installation environments.



Corner Protector

Corner Protection Design

The corner protector helps protect vulnerable cabinet and LED module edge areas during transportation, handling, installation and dismantling. This is especially useful for rental products that are repeatedly moved between projects.

PRODUCT ADVANTAGES

Why LY500/LY1000 3-IN-1

Faster On-Site Handling

The lighter cabinet helps reduce handling effort during rental setup and dismantling.

Camera-Friendly Display

7680 Hz high refresh supports clear visual performance for live events and camera applications.

Flexible Service Access

Front module maintenance and rear cabinet maintenance adapt to different service conditions.

Safer Frequent Transport

Corner protection helps reduce the risk of impact damage during repeated rental use.

Flexible Cabinet Combination

Two cabinet sizes give project teams more options when configuring different screen dimensions.

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/m2	147928 dots/m2	112910 dots/m2	65536 dots/m2	43222 dots/m2
LED Type	SMD1515	SMD2121	SMD2121/SMD1921	SMD2121/SMD1921	SMD2121/SMD1921
Panel Size	500x500 & 500x1000 mm	500x500 & 500x1000 mm	500x500 & 500x1000 mm	500x500 & 500x1000 mm	500x500 & 500x1000 mm
Panel Resolution	256x256 / 256x512 dots	192x196 / 192x384 dots	168x168 / 168x332 dots	128x128 / 128x256 dots	104x104 / 104x208 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.

Applications & Target Customers

Concerts & Music Festivals Rental LED visuals for large live events and stage productions.	Stage Performances Professional modular displays for entertainment and performance projects.
Exhibitions & Trade Shows Reusable rental displays for temporary booths and brand environments.	Corporate Events & Launches LED display systems for conferences, ceremonies and product launches.
TV / Camera Applications High-refresh display performance for camera-facing event and production environments.	Indoor & Outdoor Events The supplied parameter sheet lists both indoor and outdoor application.

TARGET CUSTOMERS

Professional Rental & Event Market

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

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.