Main Parameter Specification

ITEM	P1.953-MC	P2.5-MC	P2.604-MC	P2.976-MC	P3.91-MC	P4.81-MC
Pixel Pitch(mm)	1.953	2.5	2.604	2.976	3.91	4.81
LED Encapsulation	SMD1515	SMD1515	SMD2020	SMD2020	SMD2121	SMD2121
			SMD1415	SMD1415	SMD1921	SMD1921
Module Resolution(pixels)	128x128	100x100	96x96	84x84	64x64	52x52
Module Size<WxH>(mm)	250x250					
Panel Resolution(pixels)	256x256	200x200	192x192/ 192X384	168x168/ 168X336	128x128/ 128X256	104x104/ 104X208
Panel Size<WxHxD>(mm)	500x500x80 / 500x1000x80					
Weight(kg/pcs)	7.5/14	7.5/14	7.5/14	7.5/14	7.5/14	7.5/14
Physical Density (Pixels/nf)	262144	160000	147456	112896	262144	43264
Optimum Viewing Angle	H:160° V:160°					
Option Distance(m)	>2	>3	>3	>3	>4	>5
Input Voltage	110-220VAC±10%					
Max. Power Consumption(w/m²)	500-720					
AVE. Power Consumption(w/m²)	250-360					
Brightness(cd/m²)	600 INDOOR	800 INDOOR	1000 INDOOR	1000 INDOOR	800 INDOOR	800 INDOOR
			4500 OUTDOOR	5000 OUTDOOR	4500 OUTDOOR	5000 OUTDOOR
Refresh Frequency (Hz)	3840					
Frame Frequency(Hz)	50-60					
Gray scale (bit)	14-16					
Operating Temperature/Humidity(°C/RH)	-10°C-40°C/10-80%RH					

Shenzhen ATOP Led Opto Electronic Co., Limited
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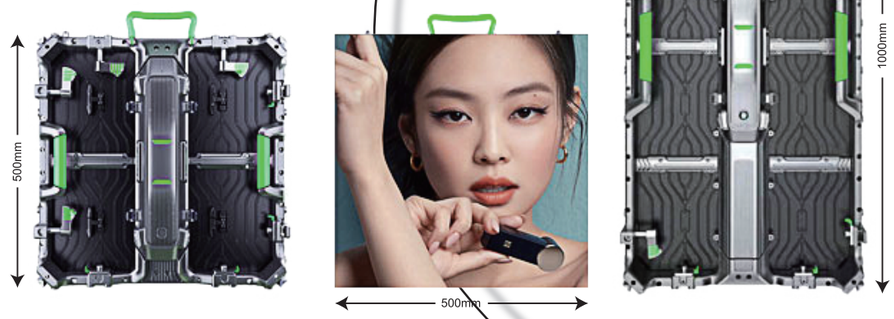
Website: www.atop-led.com

Rental Led Display

ATOP-MC500/MC1000 Series

- 500*500/1000mm LED Display Cabinet
- Ultrathin Design with Detachable Back Cover Box
- High Precision Curve Lock for Curved Installation
- Support Right Angle Installation for MC500
- Indoor & Outdoor Available
- Front or Rear Dual Maintenance



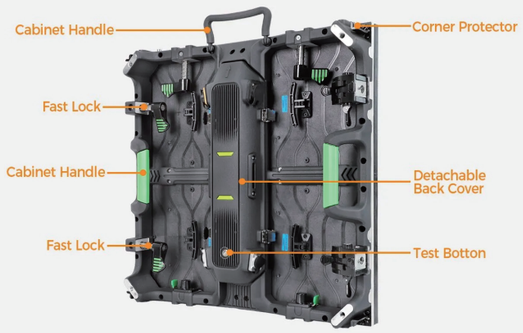
Website: www.atop-led.com

Shenzhen ATOP Led Opto Electronic Co., Limited

ATOP-MC500/MC1000 Series

Perfect Cabinet Design

Excellent product came in all details from cabinet handle. cabinet fxied slot, fast lock, magnet adsorption module, module installation knob, Power& signal connector, detachable power boxing, and more



Detachable Back Cover

Hard Connection Design with detachable Power box and HUB board, High IP65 Waterproof with Double Sealing Rubber Ring, Quick Mounting of Buckles for assemble and disassemble of back cover. MC500 removable back cover can also share back cover with MC1000 series.



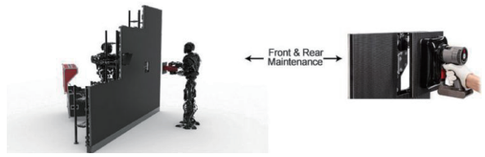


Corner Protector

The LED screen has four corners to prevent damage to the LEDs, Transportation, installation, operation, disassembly and assembly are more secure and easy to use.

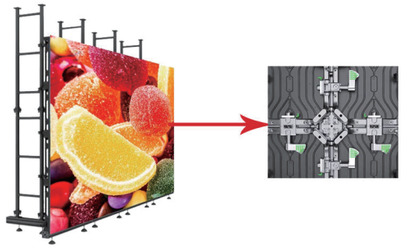
Front & rear maintenance

ATOP MC500/MC1000 Series Rental LED Display is dual maintenance product, not only 100% front accessible but also can do rear service.
The LED panels are magnetic and can be removed by tools from front side in 5 seconds. easy and convenient, save you cost and labor.



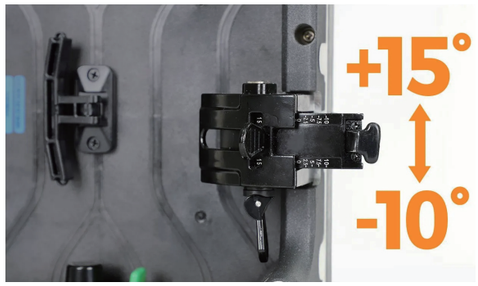
Seamless Display and Better Visual Effects

Hard Connection Design with detachable Power box and HUB board, High IP65 Waterproof with Double Sealing Rubber Ring, Quick Mounting of Buckles for assemble and disassemble of back cover. MC500 removable back cover can also share back cover with MC1000 series.



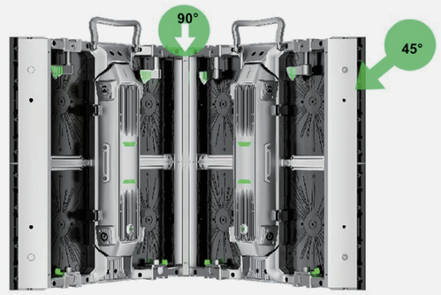
High Precision Curve Lock

To cater to the diverse requirements in the field of LED screens, the MC series LED display is designed for curved installations. It can achieve 2.5° at intervals within the range of -10° to 10°, enabling both convex and concave configurations. Adopt high-precision curve lock design (-10° to +15°), rotation control, more accurate, easy to use, and quickly adjust the degree of curve.



Support Right Angle Installation

The MC500 series also has a 45-degree oblique edge LED screen, which can support 90° right angle LED display installation to meet some special buildings and applications.



Lightweight and Thin

MC series rental led screen is portable and good stability with a weight of 7kg for MC500 and 12.5kg for MC1000, the thickness is only 80mm. The feature of lightweight makes the LED display easy to carry, transport and install, saving a good amount of money on your labor costs.





IP65 Dustproof and Waterproof

ATOP MC series outdoor LED display supports IP65 dustproof and waterproof, it can resist severe weather conditions during outdoor activities. And the die-cast aluminum is corrosion resistant.

Multi Installation Way of Cabinet

Support 3 installation ways of cabinet with hanging installation, concave& convex installation, and stack installation.

