



RL Series Indoor Rental Product

RL Series

Indoor Rental Application



Concave and
Convex Curves



Ultra-slim



Bidirectional
Locking



Extremely High
Refresh Rate

Seamless Installation, Creative Freedom

The RL Series fully inherits AOTO's advantages in precise assembly and convenient operation, delivering an exceptional visual experience and limitless design possibilities. Whether hung or stacked, flat or in curved configurations, the RL Series enables seamless splicing, giving stage designers unprecedented freedom.

Curved Installation | Easy Operation | Creative Design

Lightweight, Durable, and Versatile

The RL Series is characterized by its ultra-light and ultra-slim cabinet design, with each cabinet weighing only 10 kg. Using an integrated die-cast frame and a rear triangular-profile handle layout, it ensures both portability and structural durability, allowing the product to cope perfectly with diverse on-site challenges. It is ideal for stage performances, corporate events, and other high-frequency rental scenarios.

Ultra-light & Ultra-slim | Die-cast Frame | High-frequency Rental Use



Bidirectional Quick Lock, Easy Maintenance

RL cabinets are equipped with carefully engineered bidirectional quick locks to speed up cabinet installation and dismantling while ensuring stable and secure connections. The power box adopts a modular quick-release structure, allowing it to be removed and replaced directly from the rear of the cabinet for fast on-site service. Multiple portable handles and ergonomic grips make overall installation and maintenance more comfortable and efficient.

User-friendly Design | Efficient and Comfortable | Stable and Reliable



Specifications

Model	RL2.3	RL2.6
Pixel Pitch	2.3148	2.604
Type of LED	MINI 4 in 1 (Flip-chip)	MINI 4 in 1
Pixel Density	186,624 dots/m ²	147,456 dots/m ²
Pixel Composition	1R 1G 1B	
Cabinet Size	500(W) x 1000(H) x 70(D)	
Cabinet Resolution	216(W) x 432(H)	192(W) x 384(H)
Cabinet Weight	≤10KG	
Cabinet Material and Color	Magnesium-Aluminum Alloy, Black	
Calibrated Brightness	≥1,500 nits	
Curve	-5°, -2.5°, 0°, 2.5°, 5°	
Viewing Angle	H:160°±10°; V:160°±10°	
Refresh Rate	7,680 Hz	
Contrast Ratio	12,000:1	10,000:1
Input Voltage	100-240V, 50/60Hz	
Max Power	200 W/Cabinet; 400 W/m ²	220 W/Cabinet; 440 W/m ²
Average Power	69 W/Cabinet; 138 W/m ²	80 W/Cabinet; 160 W/m ²
IP Rating	Indoor	
Maintenance	Front & Rear	
Lifespan	100,000 Hours	
Operating Environment	Temperature: -10°C - 40°C / Humidity: 10% - 80%RH; Non Condensing	

*The specifications are for reference, actual parameter may vary based on the special model or contract.

Application Scenarios



Recommended applications: indoor rental, indoor concerts, and various other indoor rental scenarios.