



Large Stage Series — Model M Motorized Projection Screen

Diagonal: 400"-500"

Ratio: 4:3/16:9/16:10/2.35:1

Control Options: Wired control | External wireless control

Large Stage Series — Model M

The Large Stage Series Model M is a premium motorized projection screen designed for expansive venues such as luxury hotel ballrooms, large conference centers, and multifunctional theaters. Unlike traditional fixed-frame screens with tensioning structures, large-format motorized screens present unique technical challenges. Due to the extensive projection area, maintaining a naturally flat surface is difficult without sufficient surface tension. This makes the choice of materials and manufacturing precision critical.

Key Features



High-Torque Tubular Motor

Powered by an 80Nm high-torque tubular motor, ensuring smooth, stable movement and precise positioning.



Extra-Large Diameter Aluminum Roller

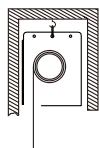
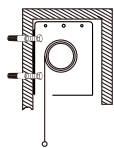
Built with a 250mm high-strength aluminum alloy roller, engineered with a horizontal deflection of $\leq 0.05\%$ to effectively prevent deformation during operation — even under its own weight.



Reinforced Dual-Layer Wooden Casing

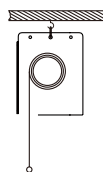
Combines a robust metal frame with a dual-layer laminated wooden housing, securely fastened with through-bolts. This ensures safety and durability, especially in suspended installations.

Installation Options



Recessed Mounting

Seamlessly integrates into ceilings for a clean, minimalist appearance.



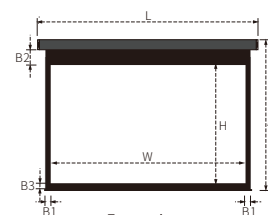
Suspended Mounting

Ideal for venues requiring flexible installation solutions.

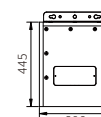
Product Specifications

(unit: mm)

Aspect ratio	Specification	Viewing Area (W×H)	Product Height(A)	Left/Right (B1)	Black Drop (B2)	Lower Border(B3)	Product Length(L)	Net Weight (Kg)	Power (W)
4:3	450"	9145×6860	8035	80	600	80	9573	415	350
	500"	10000×7500	8675	80	600	80	10428	465	350
16:9	400"	8855×4981	6156	80	600	80	9283	400	290
	450"	10000×5625	6800	80	600	80	10428	450	350
	500"	11070×6226	7401	80	600	80	11498	500	350
16:10	400"	8185×5385	6560	80	600	80	9044	388	290
	450"	9693×6058	7233	80	600	80	10121	439	350
	500"	10770×6731	7906	80	600	80	11198	491	350
2.35:1	400"	9349×3978	5453	80	900	80	9777	413	290
	450"	10517×4475	5950	80	900	80	10945	466	350



Front view



Side view

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