



Innovative Visual Displays Tailored To Fit Your Needs



rpm Mount
Rear Projection Mount

PRODUCT SPECIFICATION

Quote: XXX-RPMMDDYY- X

CAD: RPXXXXXXXX

Item Description

RPM-XXX

RPM – Free Standing Rear Projection Mount

XXX – Screen Size Diagonal Image



Description:

The *rp Visual Solutions' rpm Mount* is a Free Standing Rear Projection Mount designed with minimal depth allowing the projector to be out of sight, creating a high resolution quality image. This Single or Double Mirror Bounce *rpm Mount* is comprised of 45mm x 45mm Bosch Based Aluminum Extrusion using either a 2-Axis or 6-Axis alignment projector cradle. The 6-Axis allows for the Forward/Back, Left/Right, Elevation, Tilt, Pan & Yaw. The *rpm Mount* can have leveling feet with +/- 2" Adjustment and/or casters. The mirror management system uses 94% Reflective First Surface Glass Mirror(s). The *rpm Mount* will be designed to display an image aspect ratio of 4:3, 5:4, or 16:9.



Guidelines:

- The *rpm Mount* Frame Structure shall be manufactured by rp Visual Solutions. The *rpm Mount* shall be a 100% custom design, freestanding apparatus, fully supported from the ground up according to the custom designed specifications.
- The **RPM-XXX** will be a __" Diagonal *rpm Mount* displaying a __h x __w , __ : __ aspect ratio image. All dimensions are outlined in our "First-off" Feasibility CAD.
- This unit, as quoted, shall be of an open frame design.
- The projector mount platform and shall be integrated with _____ projector which will incorporate rp Visual Solutions' 2-Axis or 6 Axis Image Adjustment System to allow for precise image adjustments and serviceability.
- The image lock-in system ensures precise image platform alignment, which will also be maintained over time.
- Optimized light path trajectory delivers maximum brightness to the viewer/operator.



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Design & Documentation:

- High quality, detailed CAD drawings generated for pre-construction approval.
- Drawings are catalogued by serial number for each unit to allow low-cost refurbishment, upgrades or re-fit.
- Detailed, easy-to-follow assembly instructions included with each unit.
- Future projector model/lens requirements option can be selected & built-in to design considerations.

Construction:

- Self supporting structure based composed of 45mm x 45mm Bosch Based Aluminum Extrusion.
- EZ-Level feet for precise screen alignment in multi-array applications can be easily and conveniently fastened to the facility to comply with any local structural attachment requirements.



- Single or Multi-point FSG (First Surface Mirror) Assembly.
- “Fixbloc & T-bolt” assembling joinery without welded components for ease of installation.
- Laminate MDF cladding in color choices or optional wood veneer choices.
- No special tools required to assemble.



Factory Testing & Warranty:

- Each *rpm Mount* unit is factory tested with the exact projector specified. This test will ensure continuity of all seams over the entire wall structure. We conduct a documented “Satisfactory Performance” at our factory before any unit is approved for shipment. We invite you to attend in-person or via video-conference so we can show you first-hand how exacting our standards for quality are.
- The rp Visual Solutions’ *rpm Mount* Factory Warranty covers all parts and labor for one full year from Invoice date in mechanical structure.

Rear Projection Mount
Examples

