



PRODUCT SPECIFICATION

MEDIAWALL SOLUTION (MWS™)



General:

The custom, integrated display shall be a 50"-200" MediaWall Solution (MWS™), as manufactured by **Custom Display Solutions, Inc.** The MWS™ shall be freestanding, shall typically include one or more framed rear projection screens, optical-quality "first-surface" mirror(s), projector-mounting brackets AND shall support a variety of ancillary equipment. The MWS™ may be designed to support VTC Cameras, A/V Racks, Display Monitors, Speakers and other equipment as required. The MWS™ shall be designed to accept custom paneling (laminated, acoustical or other) as provided by the manufacturer or other contractors. Panel size and layout shall be designed in CAD and provided by the manufacturer.

Design & Documentation:

The MWS™ shall be completely designed in CAD and sign-off drawings shall be provided to the customer prior to fabrication. A serial number shall be applied to the specified design and the CAD files shall be archived for future reference, should projector model upgrades require retrofit reconfiguration. Detailed assembly instructions shall be provided with the unit.

Construction:

The MWS™ shall be a prefabricated, completely freestanding structure. The MWS™ construction shall typically consist of front fascia panels (a variety of optional cladding available), supported by an extruded aluminum framework having leveling feet with optional casters. The aluminum framework shall consist of precision extruded aluminum profile lengths, held fast by "fixbloc & t-bolt" or Dalrin™ Slider joinery. There shall be no welded components in the MWS™ design and assembly of the MWS™ shall be performed with simple tools.

Ventilation:

Designed for alcove installations, the top, back, sides and bottom of the MWS™ are typically open to allow for maximum air circulation and to enable cabling to be run directly into the floor. As required (and for enclosed designs), intake and exhaust ports and fans will be strategically added to optimize ventilation and allow for the efficient evacuation of equipment heat.

Projector, Equipment & Cable Access:

The MWS™ design shall allow for practical cable access throughout the unit. Access to the specified projector and ancillary equipment shall be through one or more latching, removable access panels. As an option, the projector bracket and/or other equipment may be supported by a precision drawer slide mechanism. This mechanism shall allow the projector and/or other equipment to be pulled clear of the MWS™ by a single technician, enabling easy access for service or removal.

Image Registration:

The MWS™ may be equipped with an optional fine-tuning™ projector mount bracket and shall have adjustable mirror mounting brackets for precise image alignment. The adjustable projector mount shall allow for +/- 2.0" of travel for left/right, forward/back, elevation, roll and pitch motion. Construction of the fine-tuning projector mount shall be of precision aluminum extrusion with Dalrin™ sliders and acme threaded rod for smooth travel.

Factory Testing:

Prior to shipment, the MWS™ shall be tested with the specified projector. Satisfactory performance shall be documented and approved by the manufacturer and the customer at their choice. A written and photographic record of this factory test shall be kept by the manufacturer and made available to the customer upon request.

Warranty:

The MWS™ Factory Warranty shall cover all parts and labor for one full year from invoice date against defects in manufacturing. The manufacturer reserves the right to repair or replace the defective item to satisfy the customer.

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