

MOUNTS FOR AUDIO-VISUAL EQUIPMENT

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PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Mounts and accessories for audio-visual equipment of the following types:
 - 1. Flat-panel mounts.
 - 2. Specialty enclosures.
 - 3. Projector mounts.
 - 4. Projector mount adapters.
 - 5. Audio upgrade kits.
 - 6. Custom mounts.
 - 7. Carts and stands.

1.2 RELATED SECTIONS

- A. Section 05500 - Metal Fabrications: Concealed steel support members.
- B. Section 06100 - Rough Carpentry.
- C. Section 06112 - Framing and Sheathing: Concealed wood framing and blocking.
- D. Section 07900 - Joint Sealers.
- E. Section 09110 - Non-Load-Bearing Wall Framing.
- F. Section 09500 - Ceilings.
- G. Section 16050 - Basic Electrical Materials and Methods.
- H. Section 16100 - Wiring Methods.
- I. Section 16800 - Audio Video Systems and Equipment
- J. Section 16810 - Sound and Video Circuits.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Shop drawings indicating details of construction and installation including but not limited to:
 - 1. Location of wiring connections.
 - 2. Anchorage details.
- D. Warranty: At project closeout, provide an executed copy of the manufacturer's standard limited warranty against manufacturing defect, outlining its terms, conditions and exclusions from coverage.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum five years documented experience.
- B. Installer Qualifications: Company specializing in performing work of this section with minimum three years documented experience.
- C. Mock-Up: Provide a mock-up for evaluation of clearances, installation techniques and workmanship.
 - 1. Locate in areas designated by the Architect.
 - 2. Do not proceed with remaining work until workmanship is approved by the Architect.
 - 3. Rework mock-up area as required to produce acceptable work.
 - 4. Accepted mock-ups shall be comparison standard for remaining work.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations and industry standards. Protect from damage.
- B. Store products in manufacturer's labeled packaging until ready for installation.

1.6 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.7 WARRANTY

- A. Limited Lifetime Warranty: Premier Mounts warrants all mounting solutions products to be free from defects in material and workmanship for the lifetime of the original installation of the product.
 - 1. At the sole option of Premier Mounts, Premier Mounts will repair or replace any product or product part that is defective. If Premier Mounts chooses to replace a defective product or part, a replacement product or part will be shipped at no charge, but related labor costs may not be covered.
 - 2. Limitations: Premier Mounts disclaims any liability for damage to mounts, adapters, displays, projectors, other property, or personal injury resulting, in whole or in part, from improper installation, modification, use or misuse of its products. Premier Mounts disclaims all other warranties, express or implied, including warranties of merchantability and fitness for a particular purpose. Premier Mounts is not responsible for incidental or consequential damages, including

but not limited to, inability to use its products or labor costs for removing and replacing defective products or parts. Some states do not allow the exclusion or limitation of incidental or consequential damages, in which case the above limitations or exclusions may not apply.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Premier Mounts, which is located at: 1321 S. State College Blvd. ; Fullerton, CA 92831 USA; Toll Free Tel: 800-368-9700; Email: request info (BIM@mounts.com); Web: www.mounts.com
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 Flat-Panel Mounts

- A. Articulating Mega Wall Mount for Displays up to 500 lb./227 kg: AM500 as manufactured by Premier Mounts.
 - 1. Description: The AM500 is an articulating wall mount for displays up to 500 lb. The mount holds flat-panel displays up to 82 in. The positive and negative tilt adjustment allows the mount to be installed level and plumb. The dual articulating arms allow even the heaviest display to be pulled away from the wall for service or alignment. The mount features a 90 degree rotation which allows the display to be installed in landscape, portrait or any other arbitrary angled orientation. There are three different mounting brackets for different size displays (Only one included with each configuration). Also refer to AM501 and AM502 for more model specific information.

PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. If preparation is the responsibility of another installer, notify the Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.
- B. Do not proceed with installation until substrates have been properly prepared and deviations from the manufacturer's recommended tolerances are corrected. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Commencement of installation constitutes acceptance of conditions.

3.2 INSTALLATION

- A. Install in accordance with manufacturer's written instructions and recommendations.
 - 1. Use anchoring devices to suit conditions and substrate materials encountered.
 - 2. Securely anchor items plumb and square.
- B. Adjust moving or operating parts to function smoothly.
- C. Test electrically operated units to verify optimum functioning condition.

3.3 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION