

MOVING iMAGE TECHNOLOGIES

INSTRUCTIONS

FOR

INSTALLATION, OPERATION, AND MAINTENANCE

OF

MPL Digital Pedestal

Manual Version 0.2

MOVING iMAGE TECHNOLOGIES, LLC.
17760 Newhope St.
Fountain Valley, CA
Telephone: (714) 751-7998
Fax: (714) 429-7717
www.movingimagetech.com

Manual MPL Pedestal

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1. INTRODUCTION

1.1 CONTENTS OF THE MANUAL

This manual contains installation, operation, and operator maintenance procedures for the MiT MPL Pedestal. The material covered includes:

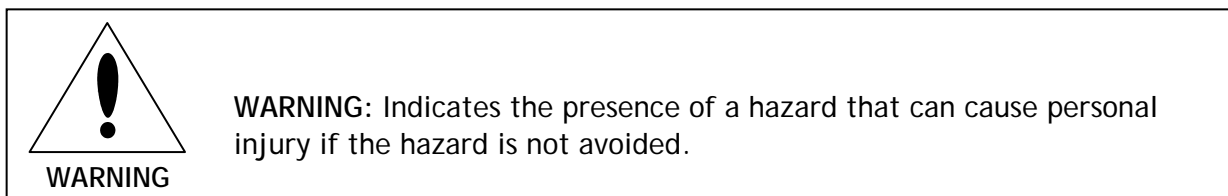
- Section 2: General Description
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Additional reference information is contained in the appendix.

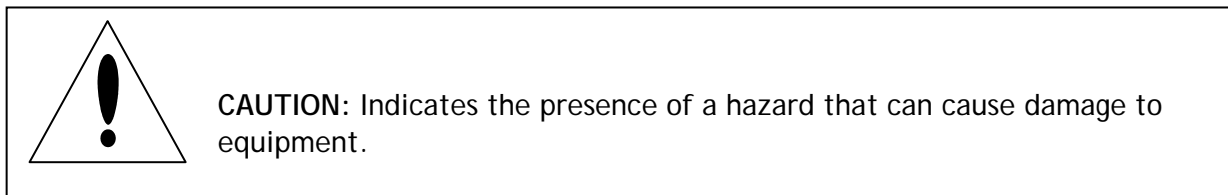
1.2 SPECIAL NOTICES

Two kinds of specific notices are used within this manual to emphasize information.

1.2.1 WARNING



1.2.2 CAUTION



1.3 Safety Concerns

- ✓ Exercise care in placing the pedestal, serious injury can result from the unit falling or tipping.
- ✓ Disconnect the AC lines before working on anything inside the pedestal.

2. GENERAL DESCRIPTION

The MIT MPL Pedestal is a commercial-grade support chassis for Digital cinema projectors and equipment. It is designed to hold up to 400 lb on the tilt table, i.e. one large projector (1.2") or two smaller projectors (.98") for 3D stereoscopic projection.

Safety note: overloading the pedestal may result in serious personal injury or damage to equipment.

2.1 Physical Specifications

See Figure 2-1 for dimensions and Table 2-1 for weights of finished pedestals.

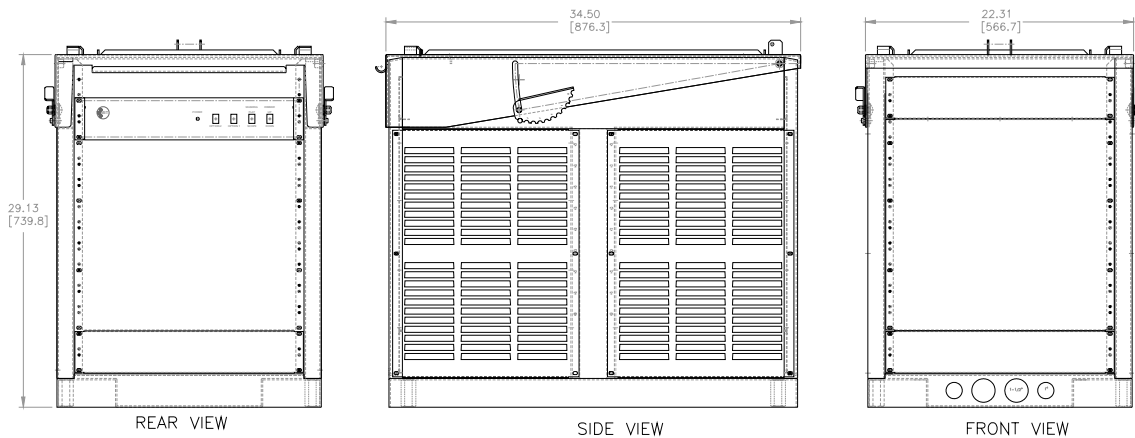


Figure 2-1: Outline, all models

Table 2-1:

| Model | Weight (lbs) [kg] |
|-------|-------------------|
| MPL | 200 [91] |
| | |

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3 INSTALLATION



CAUTION: Users are urged to read this instruction manual thoroughly and understand the procedures described herein before assembling and installing the system.

3.1 UNPACKING

To unpack, remove and discard any straps and the cardboard carton from the pedestal. Carefully inspect the system for any shipping related damage. If damage is found notify shipping agent immediately. If the shipment includes the optional large projector platform and kit, also unpack those items.



Leave the pedestal on its pallet/skid and the leveling feet fully retracted until it is placed near its final installation point. Do not extend the leveling feet until the unit is in place, including being lifted onto a platform, stand, or plinth, if applicable.

3.2 LOCATING

Move the pedestal to its final location. Get it as close as possible to that location before taking it off the pallet/skid. Do not install any equipment in the rack area or a projector on top of the pedestal prior to placing it in its final location. The pedestal isn't intended to be moved after equipment has been installed into or onto it.

When placing the pedestal in position, bear in mind the relative locations of equipment racks or other pieces of the system that will be installed. Allow sufficient room between the front of the pedestal and any walls or projection ports, to allow for the overhang of the projector lens. This will usually be a minimum of 12 inches or 30cm. Allow additional space if anamorphic lens attachments or a large model projector is to be used (DP90, 3000).

Once the MPL Pedestal has been placed in the appropriate location at the desired auditorium projection port, remove any protective plastic or cardboard shipping materials. Internally there may be tie wraps and other shipping restraints that must be removed.

Prior to mounting a projector on the pedestal or loading any equipment into its rack area, extend the leveling feet far enough so they can easily be adjusted with a wrench

later, i.e. approximately 1 inch or 25mm (see Figure 1). There is a locknut on each foot, located on the inside of the base at the time of shipment. It will be necessary to remove the 4 side covers to access the locknuts. If the leveling feet are to be extended substantially, the locknut may be relocated to the bottom, below the base, which will require removing and reinstalling each foot. Extending the feet may require tipping the unit up on one side, which is why this should be done before adding any equipment to the pedestal.

Don't attempt final leveling of the pedestal at this time, that will be done once a projector is installed.

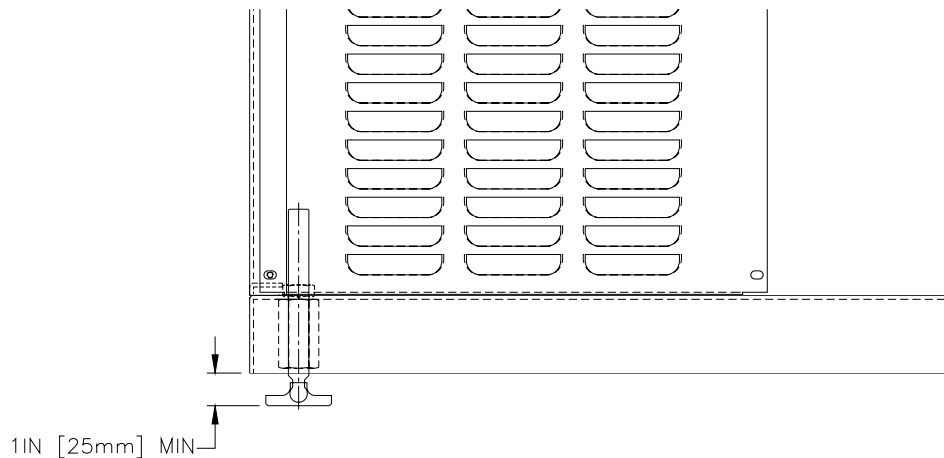


Figure 1

3.3 INSTALLING

The MPL Pedestal comes from the factory completely assembled. The on-site installation consists of aligning the system to the screen with the leveling feet and the tilt tabletop, and the installation of the projector including electrical wiring and exhaust. For details on projector installation, consult the projector manual.

3.3.1 Earth Ground & Electrical Wiring

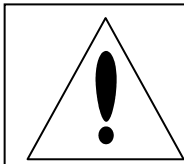
| | |
|--|--|
| | CAUTION: Local and national electrical codes should be observed at all times. |
|--|--|

The MPL Pedestal includes a ground stud for connection to earth ground. All other electrical wiring is dependent on the equipment installed, and is the responsibility of the contractor performing the electrical connection.

3.3.2 Leveling Feet

The tilt tabletop provides 10 degrees of downward tilt. If the down-angle for the auditorium is greater than 10 degrees, the leveling feet will have to be adjusted. It's easiest to adjust the leveling feet to an approximate position prior to placing the projector on the pedestal. First use a carpenter's level to adjust the system level side-to-side to ensure the system is level and is stable to the floor. Then extend the rear feet to adjust the downward tilt angle. If the tilt angle required is less than 10 degrees, it may be accomplished with the tabletop. Or the needed tilt may be accomplished with a combination of the tabletop and the leveling feet.

3.3.3 Tabletop Tilt Adjustment



WARNING: Use care when adjusting the tilt table, pinch hazards may exist as the tabletop is moved.

To tilt the tabletop, loosen four bolts using a 9/16" wrench approximately two full turns. The bolts should be loose enough so that the tilt latches rotate freely. Lift the table from the rear side until the desired tilt angle is reached. The latch cams will engage as you tilt the top, and prevent it falling back. Once at the desired tilt angle, check both sides to be sure they're on the same notch on the latch cam. It is preferred that tilting of the top be performed prior to installing a projector on top of the unit. If you are tilting the tabletop with a projector in place, it is strongly suggested to use a minimum of two people, for safety.

At no time place any part of the body under the sides of the table while tilting, or grasp the unit anywhere other than the handle area at the rear of the tabletop.

If you have tilted the top too far, you will need to hold the latches out of the way in order to lower it again. It is recommended that you lower one side one notch on the cam, then the other side one notch, and so on. Again, MiT strongly recommends that a minimum of two people be present if lowering the table angle with a projector in place.

4. Maintenance



CAUTION: Disconnect AC feeds to the pedestal prior to performing any maintenance.

The only maintenance normally required for the MPL pedestal is servicing the equipment installed in its rack area. However you should periodically check to be sure the vented side panels aren't clogged or obscured by dirt, papers, or rags.

If the unit includes a power distribution box, periodically check the electrical connections at breakers and terminal blocks for tightness.

It's also a good idea to periodically check panel screws and other hardware for tightness, to avoid annoying rattling and buzzing noises. Also be sure to check the mounting screws on fans, fan guards, or those nearby fans and other sources of vibration.

Appendix A

Appendix A: Diagrams, Parts Lists & other Reference material

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Standard Product Warranty

WARRANTY, DISCLAIMERS AND LIMITATION OF LIABILITY

Unless otherwise noted, all Moving Image Technologies products are covered by the warranty set forth in the following paragraphs.

The warranty is extended only to the purchaser of the Products directly from Moving Image Technologies, or an authorized dealer of Moving Image Technologies, as new merchandise. For a period of twelve (12) months from the date of original delivery to Buyer, the Products are warranted to be free from functional defects in materials and workmanship, provided they are operated under condition of normal use, and that repairs and replacements are made in accordance herewith. Moving Image Technologies does not warrant consumable components. The foregoing warranty shall not apply to Products that have been disassembled, altered or repaired other than by Moving Image Technologies (or by a Moving Image Technologies certified technician) or if the Product has been subject to abuse, misuse, negligence or accident.

Moving Image Technologies sole and exclusive warranty obligation and Buyer's sole and exclusive warranty consists of Moving Image Technologies, at its option, repairing or replacing free of charge Products: (a) which contain a defect covered by the above warranty; (b) which are reported in writing to Moving Image Technologies not later than seven (7) days after the expiration of the twelve month warranty period; (c) which are returned to Moving Image Technologies promptly after discovery of the defects; and (d) which are found to be defective by Moving Image Technologies upon examination. Buyer shall pay all transportation charges.

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There are no express or implied warranties which extend beyond the warranties set forth above. Moving Image Technologies makes no warranty of merchantability or fitness for a particular purpose with respect to the products or any parts thereof.

This warranty is subject to change at any time without notice.

CONTACTING MiT

To order parts or request information from MiT, use the address, telephone number, or fax number given on the inside front page of this document. When contacting MiT be prepared to provide:

- Model and serial number.
- Part name and part number, as shown in this manual.
- Purchase order number.

The purchase order number is essential for replacement parts requested under warranty. MiT issues credit for defective parts received. Please request a Return Authorization number from MiT for any defective parts.

Part numbers & Accessories

A000280-001 MPL ASSY, Pedestal, 31.5" high

A000280-002 MPL Assy, Pedestal, 29" high

A000281-001 Adapter Kit, Large Projector mount

A000283-001 Assy, Polarizing Filter Mount (for 3D)

A000176-xxx Power Distribution unit (different configurations available, contact MIT)

C003110-001 Foot Lock Bracket, Pedestal to floor (4 req'd)

C003111-001 Foot Lock Bracket, Projector to Pedestal (2 req'd)