



Special technology is required to install the rack mount. Such work should never be undertaken by the customer.

We greatly appreciate your purchase of MR10 DIGITAL CINEMA Projector Mount Rack. Be sure to read this installation manual carefully to ensure proper usage.

Mount Rack

To the Dealer and the Installer

- For the safety of the customer, we ask that the installation work only be started after the strength of the mounting location has been carefully studied to be sure it can withstand the combined weight of the projector and mount rack (approximately 200 kg/440.9lbs).
- Because of the heavy weight, be sure that four or more persons transport and install the projector and mount rack.
- Before moving, remove the projector's anamorphic lens and set the mount rack's tilt angle, ramp height and adjustment feet back to their original positions.
- Install in a flat, stable location.
- Be sure to follow the installation procedures properly.

Pictograms

This Installation Manual and the product use pictograms to indicate matters required for the safe, proper use of the product and to prevent injury to yourself and others or damage to property. The pictograms and their meanings are indicated below. Be sure to understand them well before reading the rest of the manual.



WARNING

This indicates instructions which if not heeded could cause physical accidents resulting in death or serious injury.



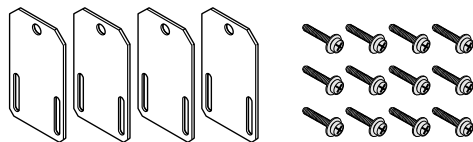
CAUTION

This indicates instructions which if not heeded could cause injury or damage to surrounding property.

■ Package Parts List

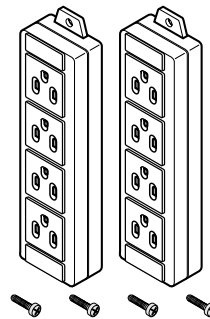
- PJ stoppers ... 4

Cross recessed pan screws with assembled washers (M6x12) ... 12



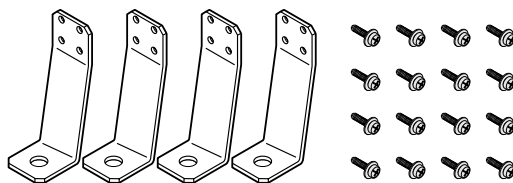
- OA taps ... 2

Flat countersunk head screws (M5x8) ... 4

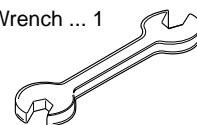


- Anchor plates ... 4

Cross recessed pan screws with assembled washers (M5x8) ... 16



- Wrench ... 1



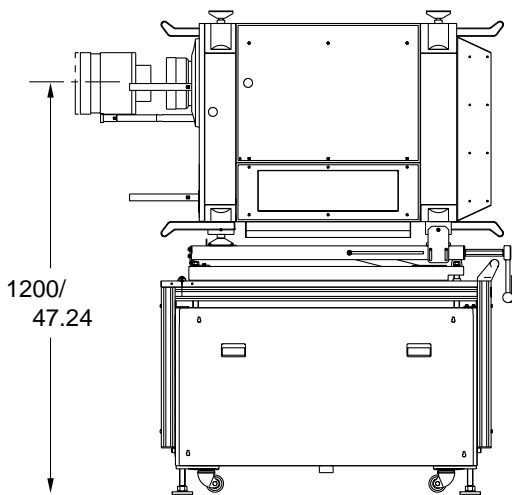
DIGITAL PROJECTION INTERNATIONAL
and
NEC Viewtechnology, Ltd

Preparations ... Determining the Installation Type

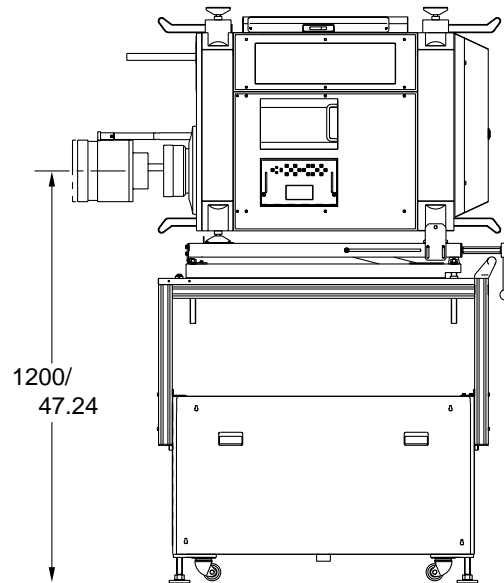
There are two types of installation, as shown below. The installation procedure differs according to the type of installation.

- If you select the low installation type, proceed to “**Step 2: Fastening the Projector to the Mount Rack**” on page 4.
- If you select the high installation type, proceed to “**Step 1: Changing the Position of the Tilt Unit**” on page 3.

Low installation (with the lens at the top)



High installation (with the lens at the bottom)



(Unit:mm/inch)

■ Specifications

● MR10

• External dimensions:

With low installation: 620 x 1020 x 727 mm (24.41 x 40.16 x 28.62 inches)

With high installation: 620 x 1020 x 992 mm (24.41 x 40.16 x 39.06 inches)

• Weight: 76 kg (167.6 lbs)

• Adjustment range:

Height: 0 to +100 mm (0 to +3.94 inches)

Tilt angle: 0 to -15°

• Load capacity: 150 kg (330.69lbs)

• Rack mount: 11U (max.)

● OA taps (included)

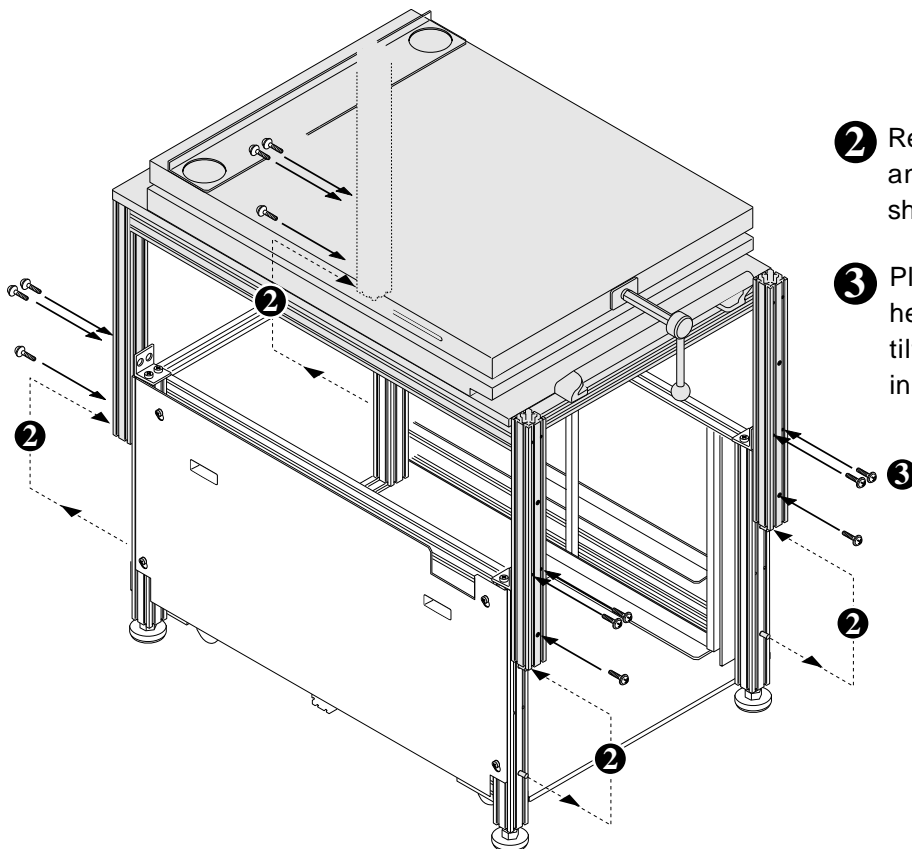
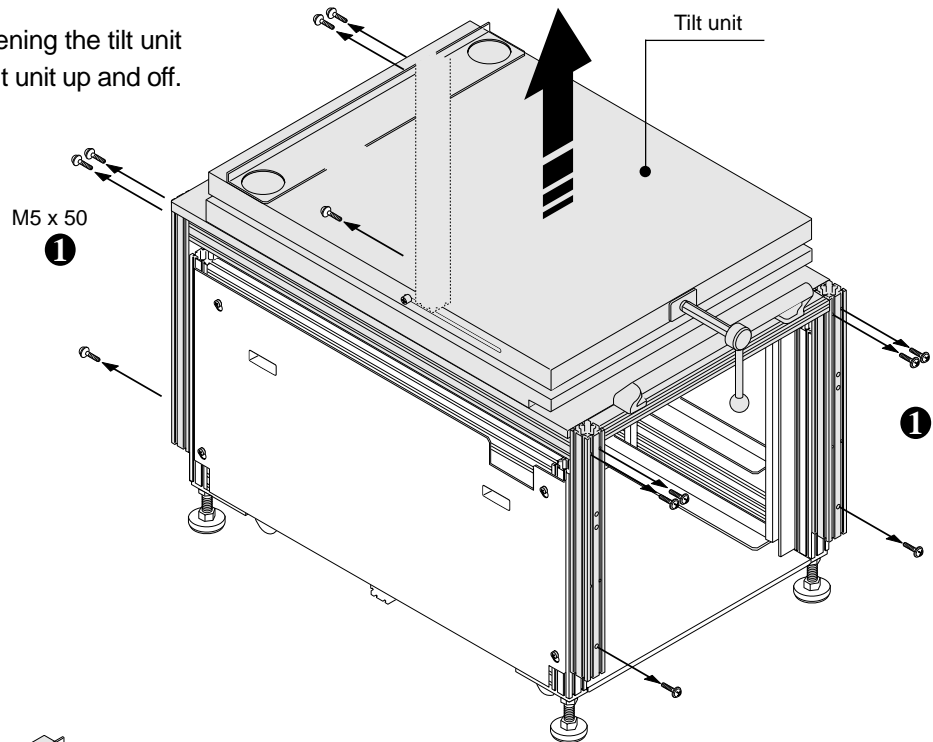
- Rating: Grounded type, 2 pins, 15A, 125V

Step 1: Changing the Position of the Tilt Unit

* This step is not necessary if you have selected the low installation type. The tilt unit is set for low installation upon shipment from the factory. Proceed to “**Step 2: Fastening the Projector to the Mount Rack**” on page 4.

⚠ WARNING Perform the procedure below without placing the projector on the mount rack. If the projector is on the mount rack, it could fall, resulting in injury.

- 1** Remove the 6 screws fastening the tilt unit on each side, then lift the tilt unit up and off.



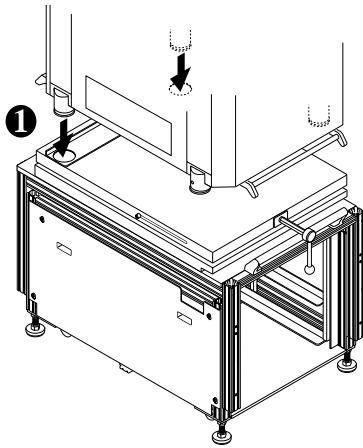
- 2** Remove the height setting bolts (four) and attach them in the positions shown on the diagram.

- 3** Place the tilt unit's four feet on the height setting bolts, then fasten the tilt unit using the screws removed in **1** above.

Step 2: Fastening the Projector to the Mount Rack

* From here on the procedures are the same for both the low and high installation types. The illustrations show the low installation type.

- 1 Put the projector on the tilt base, placing the projector's front feet in the grooves in the tilt base.



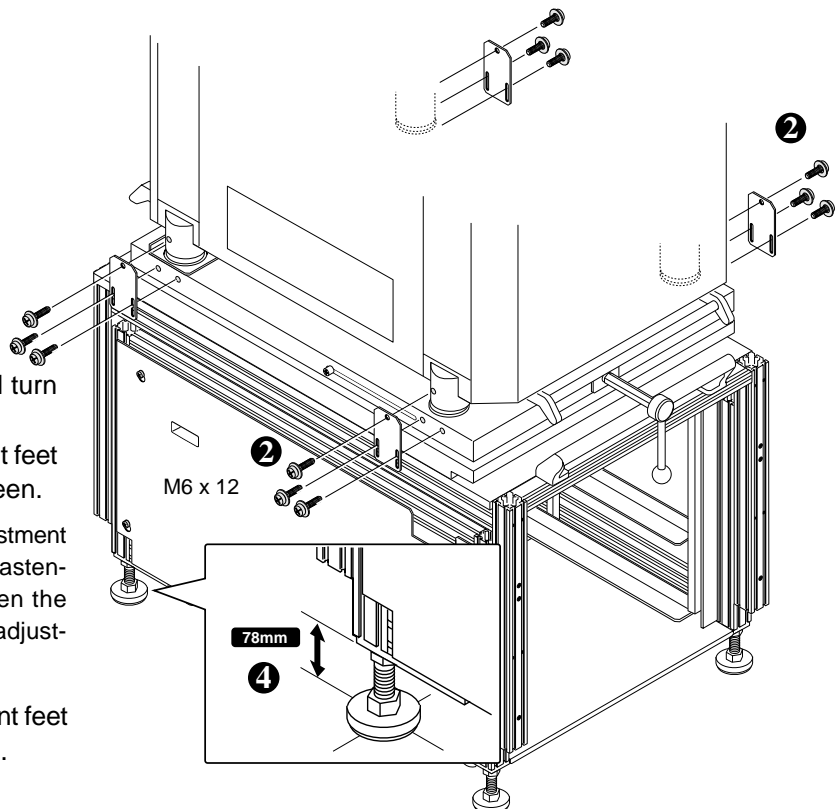
- 2 Fasten the projector to the mount rack using the included PJ stoppers.

CAUTION After placing the projector on the mount rack, fasten it to the mount rack immediately using the PJ stoppers. If the projector is not fastened, it could tip over or fall off, resulting in injury.

- 3 Mount the lens on the projector and turn on the power. Fine-adjust the projector's adjustment feet in the horizontal direction of the screen.

* When fine-adjusting the projector's adjustment feet, slightly loosen the three screws fastening each PJ stopper. Be sure to fasten the screws that were loosened after fine-adjustment is completed.

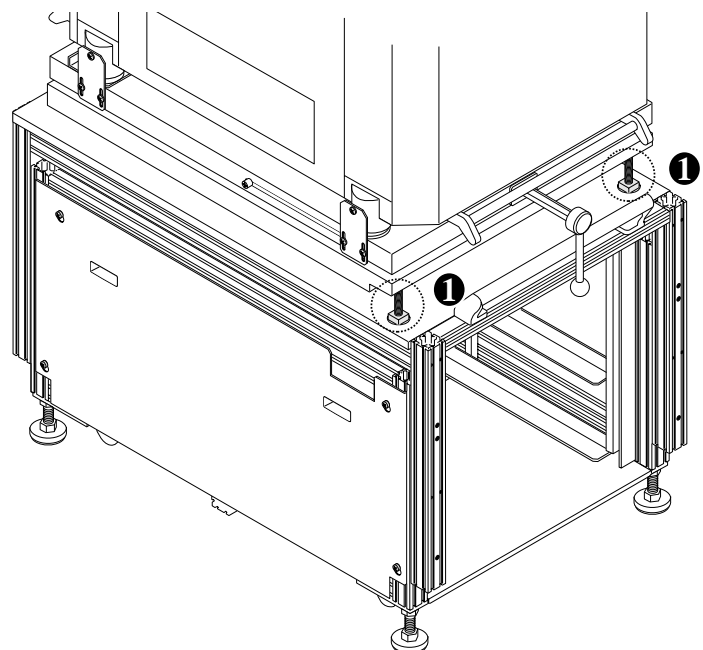
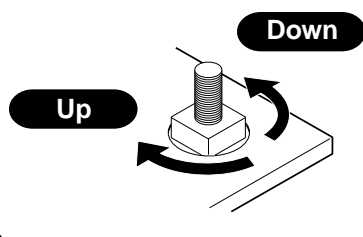
- 4 Raise the mount rack's four adjustment feet to 78 mm using the included wrench.



Step 3: Adjusting the Height

- 1 Turn one of the height adjustment bolts using the included wrench to adjust the height.

There are two height adjustment bolts, in the positions shown on the diagram. The height can be raised by up to 100 mm by turning either of the bolts.

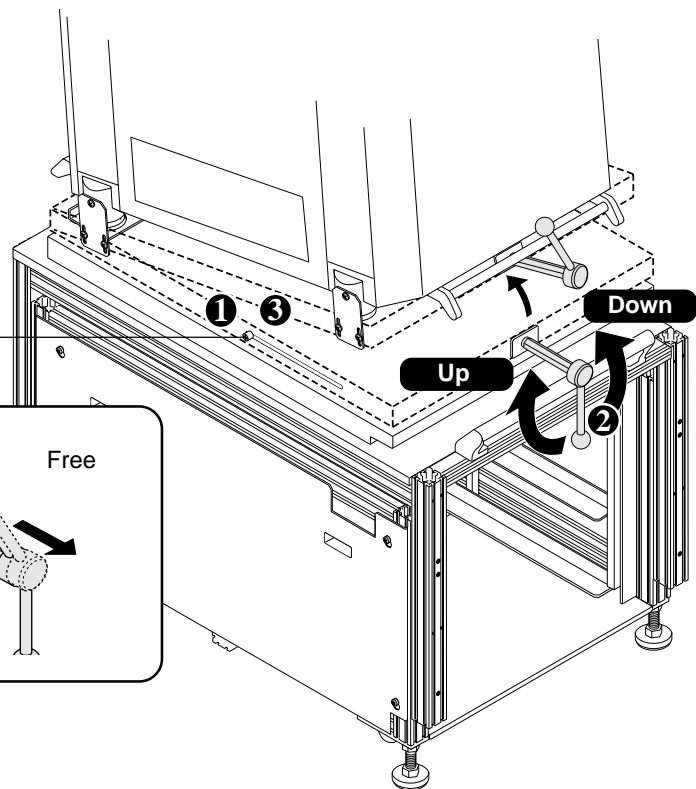
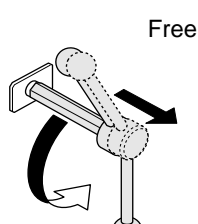


Step 4: Adjusting the Projection Angle

- 1 Loosen the tilt base setting screws on both sides.
- 2 Turn the flat tension bar to adjust the angle. The tilt base tilts at an angle of up to 15°.
- 3 Tighten the tilt base setting screws.

Tilt base setting screw

The lever is freed when the flat tension bar is pulled in the direction of the arrow. Once the angle has been adjusted, turn the lever and set it as shown in the diagram.



Step 5: Fastening the Mount Rack to the Floor



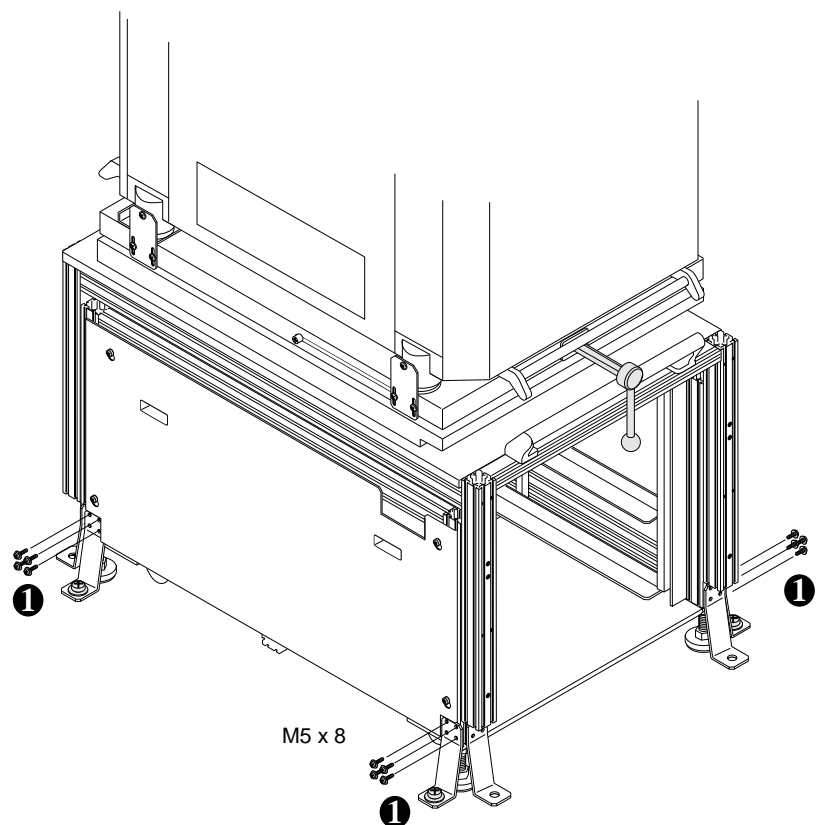
CAUTION

To prevent tipping, use the anchor plates to fasten the mount rack to the floor. If not, the projector may tip, causing injury.




- 1 Mount the four included anchor plates to the four corners of the mount rack's frame using four screws for each anchor plate, then fasten the anchor plates to the floor using commercially available anchor bolts, etc.

* The anchor plates should be mounted either at four places on side surfaces of the frame or at four places on the frame's front and rear surfaces. Select where to install them according to the installation location.

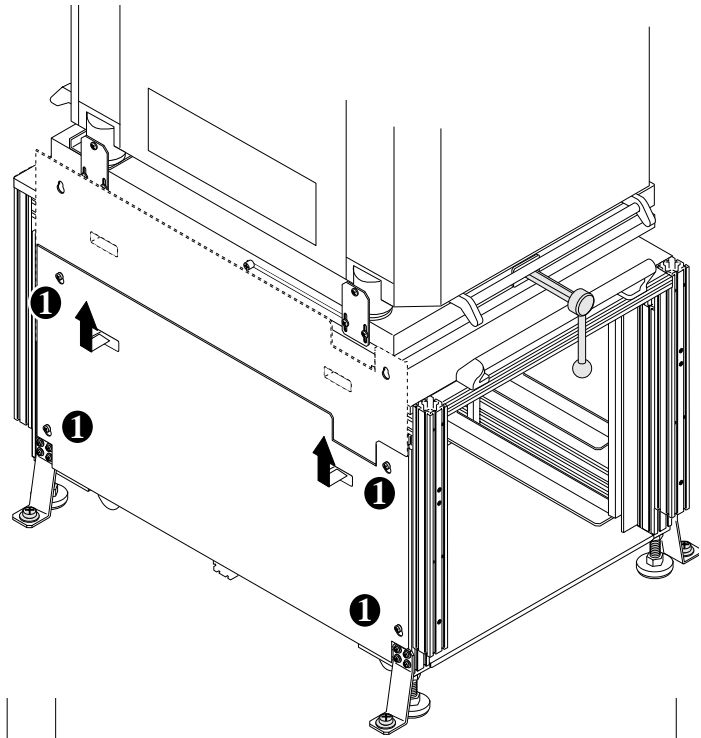
* After installing, check the screen once again, then repeat steps 2 to 5 as necessary.



Installing the OA Taps (Included)

 WARNING	The OA taps (included) are only for use in Japan. Do not use them in other countries. Doing so is dangerous, and could cause fire or electric shock.
 WARNING	Handle the power cord with care. A damaged cord could result in fire or electric shock. - Do not place heavy objects on the cord. - Do not cover the cord with a rug, etc. - Do not bend, twist or pull on the cord with excessive strength. - Do not the projector on top of the cord. - Do not damage or modify the cord. - Do not heat the cord. If the power cord should be damaged (if the core wire should be exposed, a wire be broken, etc.), have it replaced by the store of purchase.
 WARNING	Use with a total wattage of 1500 or less. Do not use with currents or voltages exceeding the values indicated in the specifications (15A, 125V). Doing so could cause fire or electric shock.

- 1** Loosen the four screws on the left and right side panels, grasp the side panel's hooks, then lift the side panel up and off.



- 2** Fasten the OA taps using two screws for each tap.

Draw the cable out through the notch in the front panel.

