CP4400 Series Dual LOS Pedestal Installation Instructions

These instructions provide steps to safely install a CP4400 Series projector onto the pedestal. This pedestal is designed to safely hold CP4400 Series projectors at an adequate height for most projection rooms.

Affected products

The following products are affected:

- CP4400 Series projectors

Prerequisites

The following components are required.

- Christie pedestal kit (P/N: 163-126100-XX)

Required tools

The following tools are required.

- #3 Phillips screwdriver
- 5 mm flathead screwdriver
- 2.5 mm Allen key
- 3 mm Allen key
- 4 mm Allen key
- 5 mm Allen key
- 24 mm wrench
- tape measure
Unpacking kit contents and attaching pedestal feet

Unpack the kit contents and use the table on the next page to check for all component parts. The pedestal is shipped in the box with the listed components.

Table 1: Package Accessories List

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Function</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>011-109084-01</td>
<td>locking foot cover</td>
<td>to secure projector feet</td>
<td>4</td>
</tr>
<tr>
<td>011-109085-01</td>
<td>locking rear foot bracket</td>
<td>to secure projector feet</td>
<td>2</td>
</tr>
<tr>
<td>011-109086-01</td>
<td>locking front foot bracket</td>
<td>to secure projector feet</td>
<td>2</td>
</tr>
<tr>
<td>012-103212-01</td>
<td>187 mm leveling foot</td>
<td>pedestal foot</td>
<td>4</td>
</tr>
<tr>
<td>012-102142-01</td>
<td>RM31 SKBT M5 12023 screw</td>
<td>for projector installation</td>
<td>20</td>
</tr>
<tr>
<td>n/a</td>
<td>lock key</td>
<td>for opening the side, rear and front panels</td>
<td>8</td>
</tr>
<tr>
<td>012-102143-01</td>
<td>RM31 PHPN M8 20023 screw</td>
<td>for caster installation</td>
<td>16</td>
</tr>
<tr>
<td>012-102140-01</td>
<td>RM01 PHPN M6 16023 screw</td>
<td>for rack unit installation</td>
<td>96</td>
</tr>
<tr>
<td>012-102653-01</td>
<td>3.0” PA swivel caster</td>
<td>pedestal casters</td>
<td>4</td>
</tr>
<tr>
<td>011-107530-01</td>
<td>bottom pedestal foot bracket</td>
<td>to secure pedestal feet</td>
<td>4</td>
</tr>
</tbody>
</table>

1. Lay the pedestal on its top or side surface.

A minimum height

B maximum height
2. Thread a leveling foot into each corner of the pedestal and set all four to a consistent height inside the range shown in the graphic above.
3. Install four casters into each corner of the pedestal using four M8 screws per caster.
4. Return the pedestal to its upright position.

Raising the top platform height

The adjustable height range of the top platform is 100 mm to 200 mm.

1. Remove the 16 M6 screws using a 5 mm Allen wrench (eight screws per side, four on each side support as shown in the graphic below).
2. Raise the top platform, in increments, to the desired height and tilt angle.
3. Reinstall all 16 M6 screws.
Installing the projector on the pedestal

Correct and level installation of all components is important for personnel safety, and for the protection of equipment.

**Caution!** If not avoided, the following could result in minor or moderate injury.
- A minimum of four people or appropriately rated lift equipment is required to safely lift or move the pedestal or projector.

1. Position the pedestal on a level, sturdy surface.

**Warning!** If not avoided, the following could result in death or serious injury.
- Do not use the leveling feet to tilt or angle the rack stand.

2. Use the leveling feet to level the projector.

3. Before installing the projector, secure the leveling feet using a 24 mm wrench to tighten the four M16 jam nuts.

4. Obtain the two front foot lock brackets, the two rear foot lock brackets, and the four bracket covers. Install the foot brackets onto the top surface of the stand using the 16 M5 screws and washers.

5. Loosely secure the four lock brackets. They are tightened later in this procedure, during projector adjustment.

6. Using proper, safe lifting methods, carefully place the projector on top of the pedestal.
7. Ensure the four projector feet are placed into the holes in the four lock brackets.

8. Adjust the height and tilt of the projector to suit the particular projection requirements.

   All four projector feet, on all four corners, must be extended the same amount. The height of
   the pedestal leveling feet should be used to compensate for balance problems.

9. Check to ensure adequate space remains at the feet to install the bracket covers.

10. Perform a final alignment (for height, tilt, and position on pedestal) of the projector.

11. Tighten the four lock brackets (front foot and back) installed in Step 5.

12. Install and lock the bracket covers onto the foot brackets with the four M5 screws.
Installing external devices

The front and back of the pedestal are designed as rack units, to allow for the installation of any necessary external devices. The instructions below apply equally to either the front or back rack unit.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>security ring</td>
<td>B</td>
</tr>
</tbody>
</table>

1. Remove the security ring, highlighted above (pink) for clarity, with the provided key.
2. Remove the blanks.
3. Install the desired devices using the included M6 screws.
4. Replace and refasten the security ring.
5. Using the openings provided on the top of the pedestal, route any necessary cables from the external devices and the projector into the inner cavity of the pedestal.
6. Route the same cabling from the pedestal through a conduit or through the rubber grommets located at the bottom front of the stand.

Optional side-rack mounting method

Optionally, the pedestal can be configured for side-rack equipment mounting.

The procedure below addresses projector preparation for side mounting only; for component mounting instructions, refer to the component OEM instructions directly.
1. Unlock the side panels using the provided key.
2. Remove both side panels as shown.
Securing the rack stand to the floor

Once projector installation on the pedestal is complete, the rack stand assembly must be secured to the building structure using the four foot lock brackets provided in the kit.

1. Place a foot lock bracket over each leveling foot.
2. Secure each bracket to the floor.
Pedestal Dimensions

Use the graphic below to plan the installation location of the pedestal.

Technical support

Technical support for Christie products is available at:

- North and South America: +1-800-221-8025 or Support.Americas@christiedigital.com
- Europe, Middle East, and Africa: +44 (0) 1189 778111 or Support.EMEA@christiedigital.com
- Asia Pacific: +65 6877-8737 or Support.APAC@christiedigital.com
- Christie Managed Services: +1-800-550-3061 or NOC@christiedigital.com