Installation and Assembly:
Lightweight Adjustable Suspended Ceiling Plate for Projector Mounts

Model: SCP200

Maximum Load UL Capacity: 60 lb (27.2 kg)
NOTE: Read entire instruction sheet before you start installation and assembly.

⚠️ WARNING

- Do not begin to install your product until you have read and understood the instructions and warnings contained in this Installation Sheet. If you have any questions regarding any of the instructions or warnings, call Peerless customer care at 1-800-729-0307.
- This product should only be installed by someone of good mechanical aptitude, has experience with basic building construction, and fully understands these instructions.
- Make sure that the supporting surface will safely support the combined load of the equipment and all attached hardware and components.
- Never exceed the Maximum UL Load Capacity.
- Always use an assistant or mechanical lifting equipment to safely lift and position equipment.
- Tighten screws firmly, but do not overtighten. Overtightening can damage the items, greatly reducing their holding power. See suggested torque values where applicable within these instructions.
- This product is intended for indoor use only. Use of this product outdoors could lead to product failure and personal injury.
- When installing or adjusting the ceiling mount, do not use adhesives, lubricants or oils to prevent the screws from loosening. If you use adhesives, lubricants, or oils to prevent the screws from loosening, the casing may crack and the projector may fall, causing serious injury and damage to the projector.

Tools Needed for Assembly
- stud finder ("edge to edge" stud finder is recommended)
- phillips screwdriver
- hammer
- wire cutters
- drill
- 5/16" bit for concrete surface
- 5/32" bit for wood studs

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Before you start check the parts list to insure all of the parts shown are included.

NOTE: You may not need all hardware provided.

### Parts List

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty.</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>ceiling plate</td>
<td>1</td>
<td>055-2983</td>
</tr>
<tr>
<td>M5 x 10 mm penta pin screw</td>
<td>1</td>
<td>505-9010</td>
</tr>
<tr>
<td>M5 penta pin driver</td>
<td>1</td>
<td>520-9249</td>
</tr>
<tr>
<td>M5 x 10 mm self tapping screw</td>
<td>2</td>
<td>520-9250</td>
</tr>
<tr>
<td>steel cable</td>
<td>4</td>
<td>560-0757</td>
</tr>
<tr>
<td>flush mount tube</td>
<td>1</td>
<td>1446-014</td>
</tr>
<tr>
<td>wood screw</td>
<td>4</td>
<td>510-9157</td>
</tr>
<tr>
<td>concrete anchor</td>
<td>4</td>
<td>590-0320</td>
</tr>
<tr>
<td>cable lock</td>
<td>4</td>
<td>560-0756</td>
</tr>
<tr>
<td>escutcheon plate</td>
<td>1</td>
<td>1418-001A</td>
</tr>
</tbody>
</table>

NOTE: Some parts may appear slightly different than illustrated.
**IMPORTANT:** Ceiling Tray (A) is designed to fit above a 24" (610 mm) x 24" (610 mm) section of a conventional suspended ceiling system. It may also be mounted above 24" x 48" conventional suspended ceiling. Ceiling runners (see **figure 1.1**) should have a "T" cross section and a minimum height of 1.5" (38 mm).

1. Place ceiling tray (A) in grid above 24" x 24" or 24" x 48" false ceiling tile so that lip of ceiling tray (A) rests on ceiling runners as shown in **figure 1.1**. Place in desired position and install 1/4-20 self tapping screws (D) into sides of ceiling tray (A). **NOTE:** If collar mount plate is positioned to the right, screw (D) can be installed into holes of outside flange on ceiling tray (A). If ceiling runner height is low install screw (D) into lower hole as shown in figure 1.2. Slide collar mount plate to desired position. Using hole in collar mount plate, mark false ceiling tile where hole will be cut. Slide collar mount plate out of the way. Cut out 2.25" hole in false ceiling tile. Slide collar mount plate back into position and tighten all carriage bolts and wing nuts.

Remove knock-outs before installing electrical box.

### For Flush Mounting Applications

2. From the top down, thread flush mount tube (F) down through retaining collar in adjustable collar mount plate.

Snap escutcheon plate (J) around flush mount tube or extension column and slide up until flush with ceiling tile.

*Skip to step 3.*

### For Extension Column Applications

3. From the bottom up, thread extension column (not included) up through retaining collar in adjustable collar mount plate. Align notch in extension column with hole in collar and fasten with M5 x 10 mm penta pin screw (B) using penta pin driver (C).

Snap escutcheon plate (J) around flush mount tube or extension column and slide up until flush with ceiling tile.
4 Drill holes for four ceiling anchors (detail 2). Position the holes so that when the steel cables (E) are attached and taut they will angle out at 15°.

**DETAIL 2**

**Wood Joists or Beams**
Drill 5/32" (4 mm) dia. holes to a minimum depth of 1.5" (38 mm). Secure steel cables (E) using wood screw (G).

**Solid Concrete**
Drill 5/16" (8 mm) dia. holes to a minimum depth of 2.25" (57 mm). Hammer in concrete anchors (H) and secure steel cables (E) with wood screw (G).

**Truss Ceiling**
No anchor required. Loop upper end of steel cable (E) around ceiling truss and down into hole of cable loop. Pull steel wire tight.

**WARNING**
- It is the responsibility of the installer to verify that the ceiling to which the suspended ceiling kit is anchored will safely support the combined load of all attached components (Projector Mount, Extension Column, etc.) and equipment.

5 Insert loose end of steel wire (E) through one end of cable lock (I) as shown below. **NOTE:** Steel wires can only insert one way through cable lock as shown in figure 5.2.

Route steel wires through hole of ceiling tray as shown in figure 5.1. Loop steel cables through ceiling tray (A) where indicated by black rectangles in detail 3. Finish by routing loose end of steel cable through other end of cable lock. Feed cable through cable lock until all cables are taut.

When this step is complete, the weight of the ceiling tray should be supported by the steel cables.
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