

Your MV-PROJSP-FLAT comes with the following set of hardware and components:

Quantity	Hardware Description
8	Square nuts
8	Socket button cap screws: M5 x 10
7	M8 self-locking nylon nuts
7	Socket cap screws: M8 x 50 mm
4	Washers: 1 mm
4	Washers: 2 mm
4	Washers: 4 mm
4	Washers: 8 mm
4	Washers: 16 mm
4	Truss Head Screws: M4 x 15 mm
4	Truss Head Screws: M4 x 20 mm
4	Truss Head Screws: M4 x 25 mm
4	Truss Head Screws: M4 x 30 mm
4	Truss Head Screws: M5 x 15 mm
4	Truss Head Screws: M5 x 20 mm
4	Truss Head Screws: M5 x 25 mm
4	Truss Head Screws: M5 x 30 mm
4	Truss Head Screws: M6 x 15 mm
4	Truss Head Screws: M6 x 20 mm
4	Truss Head Screws: M6 x 25 mm
4	Truss Head Screws: M6 x 30 mm
4	M8 spring washers
4	Bottom spacers
2	M6 serrate flange nuts
2	Carriage bolts: M6 x 12
2	Extension brackets: 50 mm
2	Extension brackets: 100 mm
2	Socket cap screws: M8 x 15 mm
1	Ceiling plate
1	U-bracket
1	Cross adapter
1	General base plate
1	Locking hook
1	Shaft
1	Socket cap screw: M8 x 65
1	M8 nut

Once you have located all of the hardware and components, you are ready to start installing the MV-PROJSP-FLAT.

### Locate the central gravity of your projector

1. Hold your projector carefully with both hands pointing upwards on both sides of your projector.
2. Move your hands carefully alongside the projector until it starts to tilt either upward or downward.

*Note: this point is the central gravity point for the depth of your projector.*

3. Hold your projector carefully with both hands on the top and bottom sides of your projector pointing towards the center of the projector.
4. Move your hands carefully along the projector until it starts to tilt either upward or downward.

*Note: this point is the central gravity point for the width of your projector.*

5. Place a small piece of string (not supplied) around the projector at the central gravity point of the depth of your projector.
6. Place another small piece of string (not supplied) around the projector at the central gravity point of the width of your projector.

*Note: where the two pieces of string meet is the central gravity point of your projector.*

### Install the universal base

1. Determine the screw size needed to mount your projector.
2. Place the pre-assembled universal base plate near the central gravity point of your projector.
3. Select the appropriate extension bracket needed for your installation.
4. Place the appropriate extension brackets near the central gravity point of your projector.

*Note: the extension brackets should all point toward the center of the universal base plate. Make sure they do not need to be forcibly attached to the base plate. If they do, you may need to change the size of extension brackets for your installation.*

5. Assemble each extension bracket with the appropriately sized bottom spacer and other supplied spacers (as required).

*Note: if your extension bracket is more than 50 mm, you will also need to use two square nuts (which are supplied).*

6. Assemble the universal base plate with the M6 nut, U-joint bracket and M6 carriage bolts.
7. Align the assembled universal base plate with all of the extension brackets already in place on your projector.
8. Attach the universal base plate to the extension brackets.
9. Install and tighten the M5 button socket cap screws and the M6 serrate flange nuts to finish the assembly.

### Install the MV-PROJSP-FLAT to the ceiling

1. Install the ceiling plate to the ceiling with an M10 bolt (not included)
2. Connect the shaft with the bottom column.
3. Insert the locking hook into the cutting slot.
4. Tighten them with the M8 x 50 mm socket cap screw and M8 self-locking nylon nuts.

Your MV-PROJSP-FLAT is now installed.