

Quantity	Hardware Description
1	Mounting plate
1	Fixing coupler
1	Top column
1	Mid column
1	Bottom column
1	Shaft
1	U-joint bracket
1	Locking hook
1	General base plate
1	Cross adapter
2	Socket cap screws: M8 x 15 mm
8	Socket cap screws: M8 x 50 mm
1	Socket cap screw: M8 x 65 mm
8	M8 self-locking nylon nuts
1	M8 nut
4	M8 spring washers
4	Bottom spacers
8	Square nuts
8	Socket button cap screws: M5 x 10 mm
2	Carriage bolts: M6 x 12 mm
4	Washers: 1 mm
4	Washers: 2 mm
4	Washers: 4 mm
2	M6 Serrate flange nuts
4	50 mm extension bracket
4	100 mm extension bracket
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: M5 x 15 mm
4	Truss head screws: M5 x 20 mm
4	Truss head screws: M5 x 25 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

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

Assemble the suspension rod

1. Attach the mounting plate to the fixing coupler.
2. Attach the top column to the mounting plate and fixing coupler using the M8 x 50 mm socket cap screw and two of the M8 self-locking nylon nuts.
3. Align two holes on the mid column with the suitable two holes on the top column.
4. Attach the mid column to the top column with two of the M8 x 50 mm socket cap screws and two of the M8 self-locking nylon nuts.
5. Align two holes on the bottom column with the suitable two holes on the mid column.
6. Attach the bottom column to the mid column with two of the M8 x 50 mm socket cap screw and two of the M8 self-locking nylon nuts.
7. Connect the shaft to the bottom column slot.

8. Insert the locking hook into the cutting slot.
9. Tighten the shaft and locking hook into place with one of the M8 x 50 mm socket cap screw and a M8 self-locking nylon nut.
10. Fix the cross adapter and mounting plate together with one of the M8 x 65 socket cap screws and a M8 nut.

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 to the ceiling

1. Install the ceiling plate to the ceiling with an M10 bolt (not included).
2. Use the M8 x 15 mm socket cap screws to fix the U-joint bracket and cross adapter properly to attach the universal base and projector to the ceiling plate.
3. Tighten the screws.

Your MV-PROJSP-FLAT is now installed.