



## HB027S VIDEO PROJECTOR CEILING MOUNT for Sony Qualia-004

The Chief HB027S video projector ceiling mount is designed to provide fast, simple and secure installation of the Sony Qualia-004. Special roll, pitch, yaw and horizontal adjustments simplify projection positioning for image alignment. The HB027S mount also has positive registration lock so that the projector may be removed without losing projector mount registration.

**WARNING: IMPROPER INSTALLATION MAY RESULT IN SERIOUS PERSONAL INJURY!**  
All components must be securely fastened to each other and to the ceiling, **AND** the ceiling **MUST** be capable of supporting 5 times the total weight of the installation. If it cannot, the ceiling **MUST** be reinforced.

Unpack and check contents:

(1)	Deluxe ceiling mount housing assembly.	(4)	M4 - 20mm Pan Screws
(1)	HB027S Mounting Bracket	(4)	M5 - 20mm Pan Screws
(4)	5/16" flange nuts	(4)	Rd. Nylon Spacers .330"ID x .875"OD x .375"L
(4)	#10 USS F/W Flatwashers	(4)	M5 Flatwashers

### INSTALLATION INSTRUCTIONS

1. Turn your projector upside down.
2. Determine what screw is correct for your projector by trying one of each M4 and M5 screws with your fingers.
3. Place the (4) round nylon spacers on the bottom of the projector over the four threaded mounting inserts.
4. Place the HB027S mounting bracket on the projector lining up the four mounting holes in the bracket with the four nylon spacers.
5. Place the (4) #10 flatwashers and the (4) M4 or M5 pan screws and start until finger tight, then snug using a Philips screw driver. **Securely tighten all four mounting screws at this time.**
5. Be sure that the method of support you are using for the VCM ceiling mount is securely installed to the ceiling. If not, the ceiling must be reinforced. Improper installation may result in serious personal injury.
6. Attach the VCM housing to your method of support and tighten firmly so the VCM housing is square to the screen.

**PRECAUTION:** *Installing a ceiling mount requires the presence of two persons familiar with mechanical installations. A third assistant is recommended.*

7. With the help of your assistants, lift the projector and install it to the studs extending from the mounting plate. Be sure the HB027S mounting plate is seated in the slots prior to releasing hands from handles, it is best if your assistant keeps hands on the projector to hold it in place until all four 5/16" flange nuts are secured. **Tighten securely** using the 5/16" flange nuts.
8. Install the two safety cables, four screws and wire ties that were originally included with your Sony mount that shipped with your projector and screw them into the four holes provided in the front of the HB027S mount to ensure the safety of the persons walking under the projector.

**For projector alignment see attached sheet.**