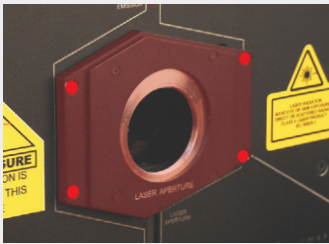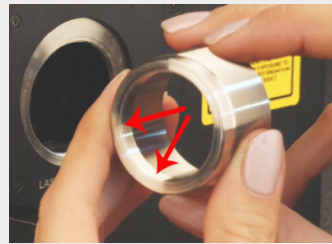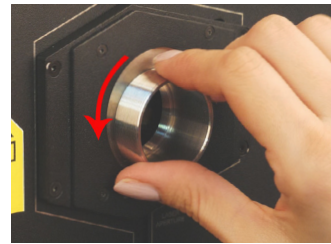# HOW TO:
install a DiscoScan lens on Clubmax FB4

KVANT®

1: Use 2mm Hex socket key to attach DiscoScan bracket over the aperture.

2: Gently bolt on the lens holder, with its inside thread pointing towards the aperture.

3: When it touches aperture glass, turn it half-turn back.

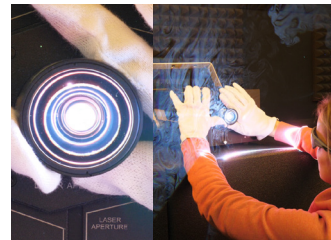**4:** Bolt on the lens holder locking nut.

5: Remove the lens back cover and carefully install the lens into the lens holder.

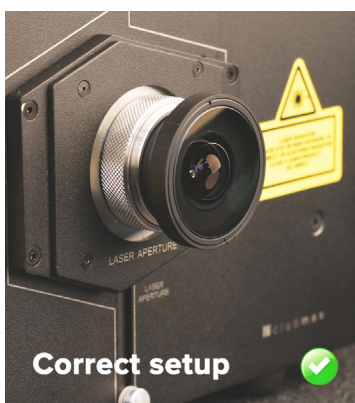**6:** Use 1.5mm Hex socket key to loose 4 bolts on the bracket plate.

This will allow you to move the lens in all directions.

7: Project a full size circle and set down projection area.
Move the lens into position so the edge of the lens is nicely aligned around projected circle all the way around it.

8: Use 1.5 mm Hex socket key to tighten 4 bolts on the bracket plate and you are done!

Correct setup ✅   **Incorrect setup** ❌

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HOW TO:
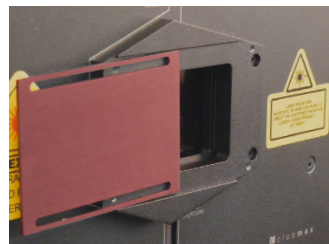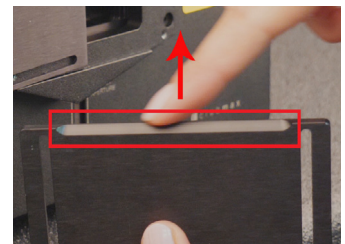## fit 4-way Masking Plate to Clubmax FB4

KVANT®

1: Place supplied bracket over the projector aperture, so it lines up with engraved lines.
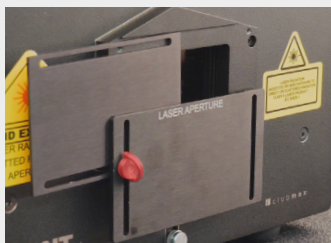

2: Fix it in position with four 2mm countersunk hex socket bolts.

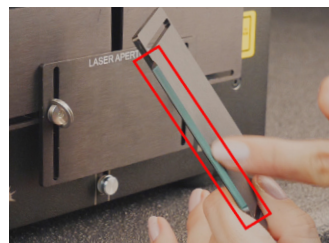**3:** Put the left-wing of masking plate into the slot and…

4: …place bottom-wing over it, so its chamfered edge is orientated upwards and towards the projector.

5: Then, use one of the supplied silver bolts with the plastic washer and screw it on to hold the two plates in position.
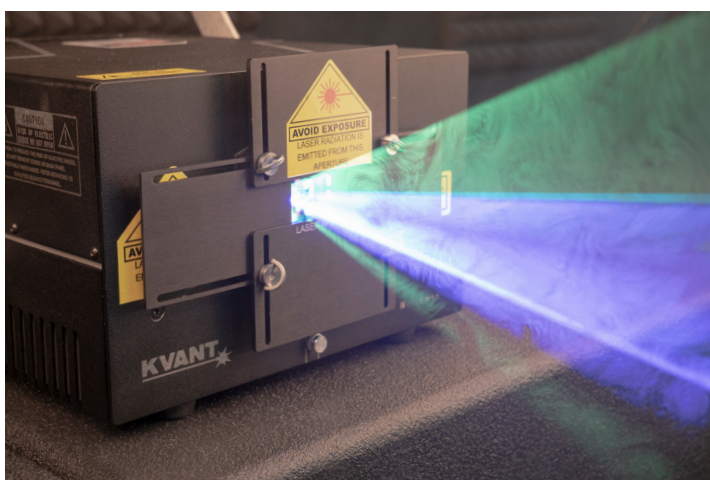

6: Put the right-wing of masking plate into the slot under bottom-wing.

Fix it in place with supplied silver bolt with the plastic washer.

7: Place the top-wing of masking plate over both left and right wings, with its chamfered edge orientated downwards and towards the projector.

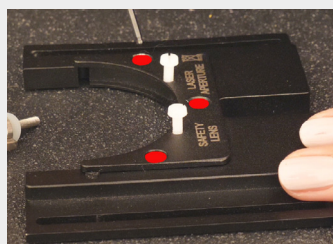**8:** Fix it in place with two silver bolts with the plastic washers.

Now you can adjust the projection area precisely as needed.

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HOW TO:
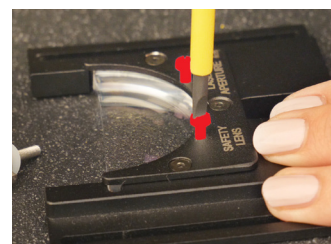## install SafetyScan lens onto Clubmax FB4

KVANT®

1: Use 2mm allen key to loosen three countersunk bolts that hold down the front metal plate of the bracket and remove it.

2: Carefully place the SafetyScan lens into the bracket, so it's bulging forward.

3: Put the front metal plate back in place and fasten it with the original 2mm countersunk hex socket bolts.

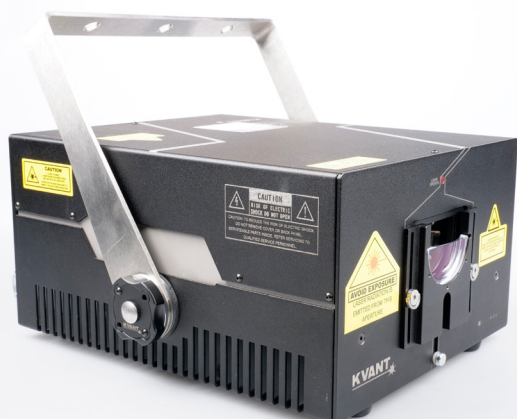**4:** Gently tighten the two plastic screws to secure the lens firmly in place.

5: Install complete set to projector aperture with included special bolts, but keep them loose.
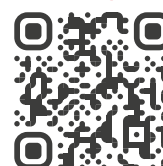

6: Set the lens to required horizontal position first and then tighten the bolts firmly.

7: All the laser radiation that goes through the lens will be affected.

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HOW TO:
put Rain Cover onto Clubmax FB4

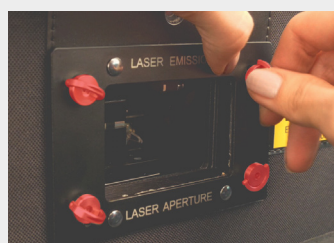**KVANT**®

1: Open the laser aperture.

2: Push the rain cover under the attachment bracket.

3: Loosen the velcros and pull each side downwards around the bracket and the locking bolt.

4: Fasten the velcros on both sides to secure the cover in place.

5: With supplied silver bolts attached to the rain cover aperture ribbon, locate four holes on the front face of the projector and screw each bolt in only a few turns.

6: Once all four bolts have gripped, tighten them all down firmly with reasonable force.

7: Make sure the side flaps of the cover stand away from the fan openings, so the airflow isn't restricted.

8: There's enough space under the cover at the back of the projector for all the cables and connectors. Once you plug them in, don't forget to zip up the cover, so they are protected.

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