

Laser line generator Adjustment Manual

1. There are two inner hexangular screw,(figure1, in red circle). Please twist them to outward. Please don't let two inner hexangular screw drop from the lens barrel.



Figure 1

2. Please screw the laser end cap down. Remove the blue label on the line generator. Please mount the line generator on the laser head. Turn on the laser.
3. Adjust the line horizontal

Please face to beam receiving screen to adjust the line horizontal


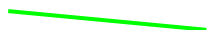
- 3.1. If the line is as shown  ,
Please turn the line generator clockwise slowly until the line is horizontal.
- 3.2. If the line is as shown  ,
Please turn the line generator anticlockwise slowly until the line is horizontal.
- 3.3. Adjust over and over again until the line is horizontal. Twist two screw and fixed the screw with glue.(as shown figure 2)



Figure2

4. The adjustment method of straightness

If the line is not straight, you can adjust as following method.

As figure 3 and figure 4, you can twist the four fastening screw to adjust the straightness of the line(as shown in Figure 3. in red circle)

Notice: Don't let the fastening screw and screw drop from the lens barrel.



Figure 3



Figure 4

4.1. If the line is as shown  ,

Twist four fastening screw as the shown as figure 5.

4.2. If the line is as shown  ,

Twist four fastening screw as the shown as figure 6.

4.3. Adjust over and over again until the line is not bend . Please fix fastening screw and screw with glue.



Figure 5



Figure 6

5. Adjust the evenness of the line

Twist the fastening screw at the side of lens barrel to adjust the evenness.

Please don't twist more than two circles each time.

- 5.1. If the line is as shown ●———— (brighter on the left of the line),
Twist the fastening screw at the right anticlockwise slowly. (as shown in figure7), then twist the fastening screw at the left clockwise slowly. (as shown in figure8) .



Figure7



Figure 8

- 5.2. If the line is as shown —————● (brighter on the right of the line),
Twist the fastening screw at the left anticlockwise slowly. (as shown in figure9) .Twist the fastening screw at the right clockwise slowly. (as shown in figure10),



Figure 9



Figure10

- 5.3. Adjust over and over again until evenness is OK. Please fix fastening screw and screw with glue.

Notice:

- A) Laser is dangerous. You need for safety precautions when you adjust the laser to avoid body injury.
- B) Don't damage the line generator and the lens barrel when you adjust it.