



Wobbulator Quick Start Guide - Velcro Mounting

Setting Up

Your Wobbulator comes with a lumia disc (Disc A) already installed. Unwrap the protective plastic film, remove the protective cardboard shipping piece, and you are ready to install. Whenever possible, we recommend drilling (and counter-sinking) the baseplate to attach the Wobb via the shutter mounting holes. If this is not feasible, tape is provided.

Removing the Disc

First you need to remove the disc to familiarize yourself with the process, and it is advised to mount the Wobb sans disc. To remove: push down on one side of the disc to disengage the magnet, and then push down the other side to remove the washer from the magnetic field completely. Then slide the disc out of the mechanism. There is a training video here:

<https://www.youtube.com/watch?v=tXmVHyRUfHM&feature=youtu.be>

Applying the Tape

Once the disc is disengaged, you can mount your wobbulator to the front of your projector. Use the included Velcro tape to attach the unit to your projector being careful to center the window of the unit to your aperture. Wipe down the projector face and the back of the Wobb with the included alcohol swab, then let dry. Note that once applied, the tape needs at least 15 minutes to adhere properly, and a 24-hour set period is advised. The tape is heavy duty; more details here:

https://www.velcro.com/products/industrial-strength/900401_industrial-strength-extreme/

Safety Loop

Because of the wide variation in projector heating, surface finish, and other issues, there may be rare instances where the tape might fail in extreme conditions (being out in the sun all day in the tropics, etc.).

For this reason, we provide a safety loop attached to the upper acorn nut of the housing - you can attach a conventional safety cable to this if you are concerned.

Removing the Wobbulator for Packing, etc.

Once the tape has set and you need to remove the Wobb, carefully lift up the unit from the bottom so that it is at an angle; that way the stress on the Velcro is minimized. If you try to pull straight off from the projector, you risk having the tape peel away.

Re-Attaching the Disc

Make sure you have the washer oriented towards the front (output end) of the Wobbulator so that it mates correctly with the motor mounting magnet. You can tell you have it oriented properly when the motor magnet clicks into place onto the washer mounted on the disc. Once clicked into place, rotate the disc manually to make sure it is securely attached.

You will need to adjust the settings of your laser software to avoid hitting the top of the motor cover. The top plate of the Wobbulator is made from anodized aluminum, which should stand up to the most powerful laser. We recommend keeping your laser patterns small enough to miss the cover, and keep them oriented in the middle of your aperture.

Attaching the Power Connector

The cable connects the speed-controlling PSU to the Wobbulator; it has a standard barrel connector on one end, which attaches to the PSU, and a custom Micro-Con connector on the other. Installing the Micro-Con can be tricky the first time - you need to correctly orient the inner part of the barrel to the matching part on the Wobbulator, then push it in. Once seated, turn the outer part of the connector until it clicks into place, locking the cable to the Wobbulator.

More detailed instructions are available at the Documentation page of the Wobbsite:
<http://wobbsite.com/docs.html>

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