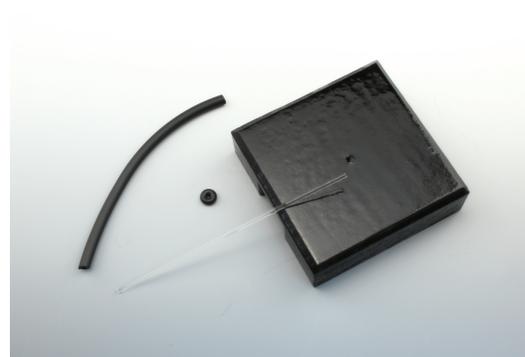




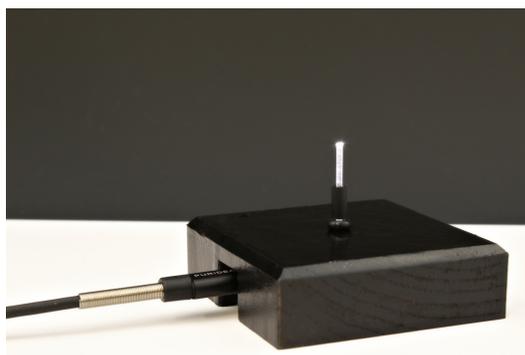
Although originally intended to showcase our own lamp-work beads (glass beads) this display can be used to illuminate any transparent bead or figure! The display comes with a black wooden base, a 1/16" diameter acrylic rod, a small o-ring and black tubing (see right). The display requires a micro-usb cable and standard usb port for power. The micro-usb port on the underside of the display is the usb input power, the larger usb port on the other side of the display can be used as a power output for additional displays. Up to 15 displays can then be hooked up in series.



The acrylic rod is used to transmit the light out of the base. In this example we will cut the components of one display so that the bead rests right on top of the base, and the other so that the bead rests about 1/2 an inch above the base. The black tubing can be cut with sicssors, an exacto knife or razor blade. The acrylic rod can be scored with an exacto knife or razor blade and simply snapped in two at the score mark. The image on the right shows the two beads and the adjusted light pipe assemblies consisting of acrylic, o-ring and black tube.



To the right is one assembled base, plugged into a usb power source. Adjust the depth of the acrylic rod in the base to maximize/adjust brightness.



Below left is a picture of our two example display assemblies with beads in place (wired in series with a second display plugged into the first).



Powering your displays: The USB electronics are designed to operate from a usb charger wall-wart or computer. We recommend using highly flexible usb cords (ribbon, flat, or jelly) to minimize the cord tugging on the base. Cell-phone lithium backup batteries may not detect and power the display, this may be remedied via a multi usb port, although this method of powering displays is highly dependent on the specific lithium-backup battery manufacturer.