

14mm24

FX Type: **Breadbuddy**
Build Level: Beginner

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Overview

The 14mm is a small utility PCB made for the Alpha 14mm clear shaft pots. It allows you to use an LED directly in the shaft of the pot so you can have “back-lit” controls. It does require the panel mount version of this pot so it can be affixed to the enclosure face. These 14mm pots can be used with or without a clear shaft knob. For knobs, you’ll want to use types made for a knurled shaft.

PS I called this “14mm” because the actual size of 16.4mmx15mm doesn’t exactly roll off the tongue and because I don’t do size well.

Parts needed

Pot

<https://smallbear-electronics.mybigcommerce.com/clear-shaft-pots-w-bushing/>

Optional Knobs

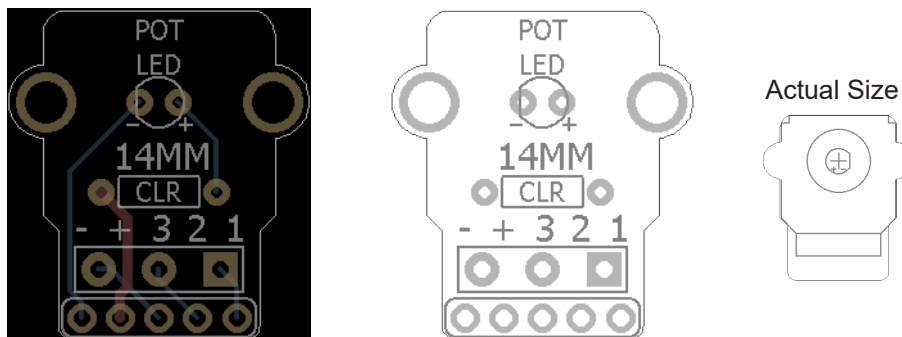
<https://smallbear-electronics.mybigcommerce.com/pointer-w-index-clear-acrylic/>

<https://smallbear-electronics.mybigcommerce.com/fluted-miniature-pointer-abs-colors-for-knurled-shaft/>

Notes

You can use these as “always on” LEDs for your builds (by connecting - to ground and + to power) or in place of a regular LED bypass indicator (connect + to power and - to your 3PDT switch).

I recommend you do not push the 3mm LED *all the way* down into the shaft. Leave a little gap between the LED and end of the shaft otherwise the shaft may catch the LED when you are turning it and twist it.



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