

Pragmatic TECK with Neo

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1 Introduction

When I finally got my TECK, I was left a bit puzzled.

Thus I decided to write this guide to ease the entry for future buyers and let them enjoy their new keyboard quickly.

Adapting to the Truly layout can take a couple of days in the beginning. That is just natural. Let's not be bothered by it and make Neo more usable.

2 Running Neo

At the backside of your keyboard, you find a few switches that are ON by default. Set the DIP switch #5 to OFF to make your keyboard reprogrammable.

Now Neo should run on the Truly Ergonomic keyboard when running on your machine.

2.1 Linux xmodmap

If using an xmodmap under Linux, you need to re-run it using:

```
setxkbmap lv && xset -r 51 && xmodmap /path/foo.xmodmap
```

3 Adapting for Neo

Writing with Neo, you will want to get a custom layout for comfortable access to all layers. Look at the suggested layouts in the [wiki article](#).

The matrix layout alters the position of a few keys and therefore will feel inconvenient while typing. View the diagram at the top of the wiki article for full reference.

For further editing a suggested layout or testing a completely different design, use the [Layout designer](#).

There are two things you should know:

When moving around letters, you are referring to **positions only**, not specific keys! Thus, remapping the **F** key in the designer changes the position of **E** in Neo.

Mod4 left is addressed by *ISO2* (you can find this key by selecting the ISO International layout), **Mod4 right** corresponds to *RAlt*. This is important when your driver hits on problems with left Mod4 (which is the case at all Linux xmodmaps).

4 Firmware Upgrade

Download the latest firmware [here](#).

Unzip it.

Execute TrulyErgonomic_Device_Firmware_Upgrade.exe

Click on 'Load' and select your hexfile.

Click 'Update'.

Congratulations, your keyboard should work now.

The full process is also described in more detail [here](#) on the company's website.