Azeron Gaming Keypad

Manual

TABLE OF CONTENTS

1. INTRODUCTION

The Azeron gaming keypad is a simple Plug-and-Play controller that sets up easily with our software. It can function as a joystick or as a keyboard or in hybrid mode.

The keypad comes with 22 programmable buttons and an analog thumbstick for complete control and maneuverability over your game.

Its ergonomic wrist pad, adjustable key towers and adjustable thumb module delivers a perfect fit for your arm and minimized fatigue over extended gameplay.
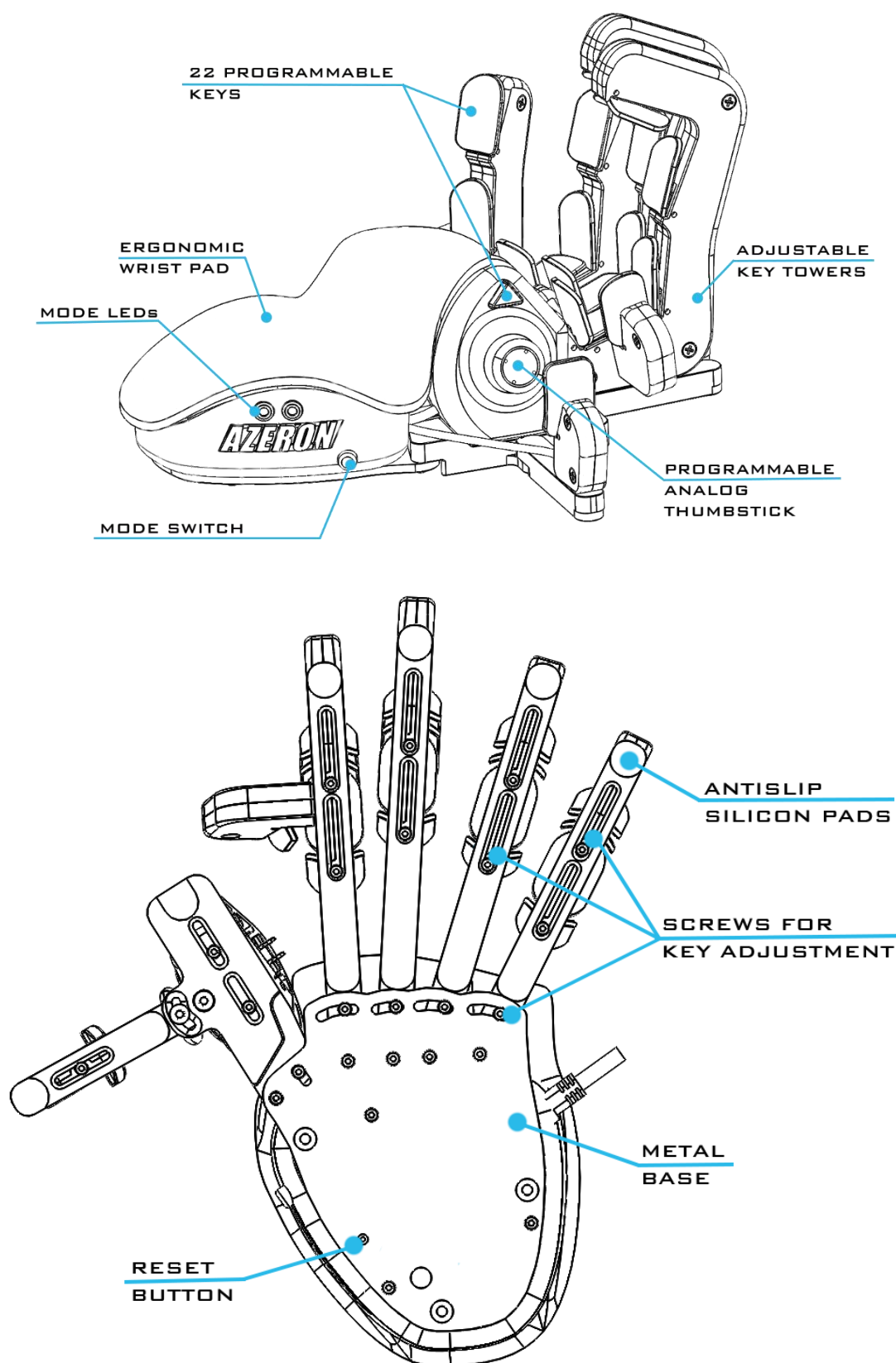
2. FEATURES

- 19 programmable buttons on towers
- 3 programmable thumb buttons
- An programmable analog thumbstick
- Adjustable button positions to fit your hand
- Stable metal base with antislip silicon pads
- Braided tower cables
- 2 meter (6.5 feet) USB cable
- Programmable Teensy 2.0++ brain
- Easy accessible reset button

PACKAGE CONTENTS

- Azeron gaming keypad
- USB cable
- Hexagon key for button adjustment
- Additional thumbstick cap (different shape)
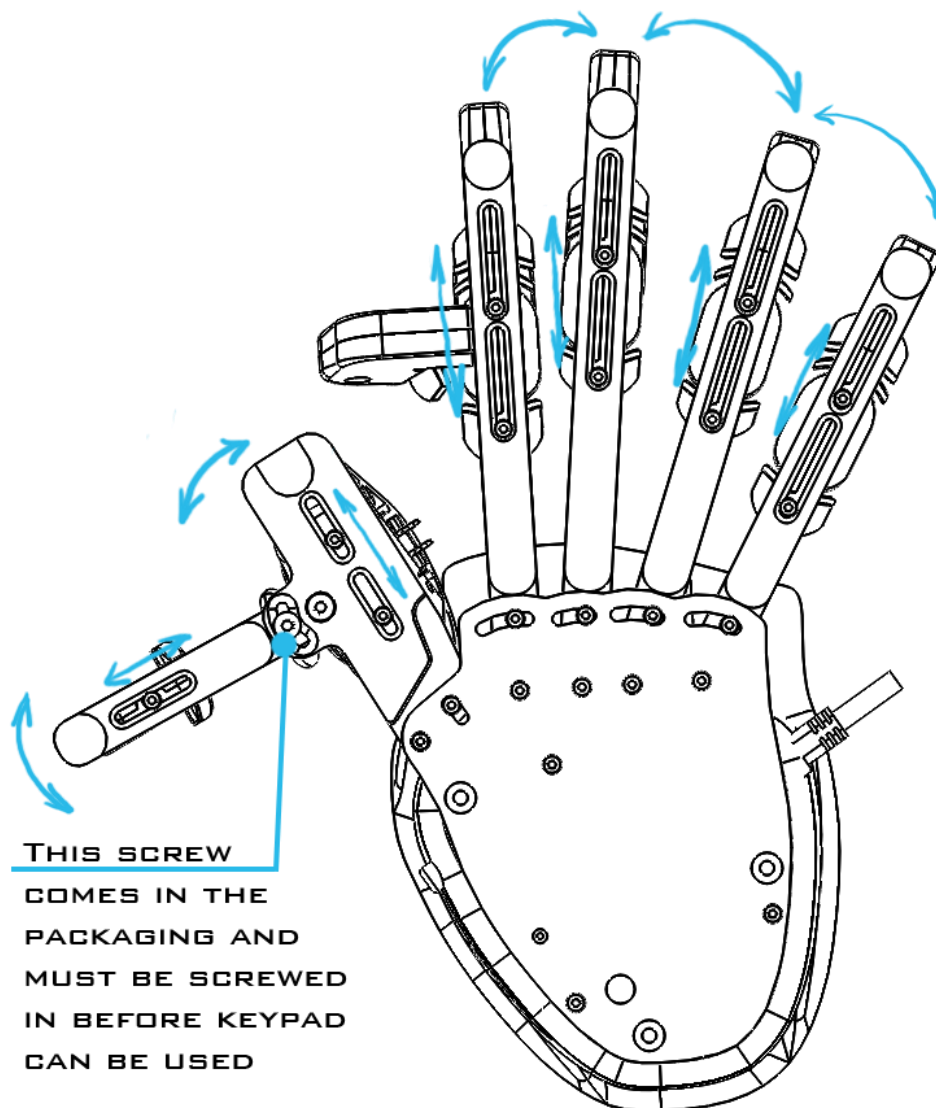- One hex screw for fixing the small tower near thumbstick

3. DEVICE LAYOUT

22 PROGRAMMABLE KEYS

ERGONOMIC WRIST PAD

MODE LEDs

ADJUSTABLE KEY TOWERS

PROGRAMMABLE ANALOG THUMBSTICK

MODE SWITCH

ANTISLIP SILICON PADS

SCREWS FOR KEY ADJUSTMENT

METAL BASE

RESET BUTTON

4. SETUP YOUR AZERON KEYPAD

By using the included Hex key, it is possible to adjust each key tower position for your hand.

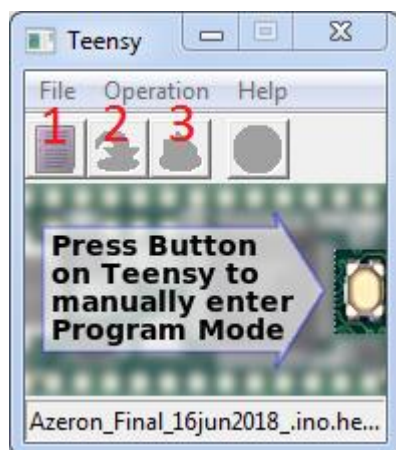THIS SCREW COMES IN THE PACKAGING AND MUST BE SCREWED IN BEFORE KEYPAD CAN BE USED

5. HOW TO UPDATE FIRMWARE MANUALLY

Step 1:

Connect keypad to USB slot (don't connect to USB 3.0 if you don't have USB 3.0 drivers installed)
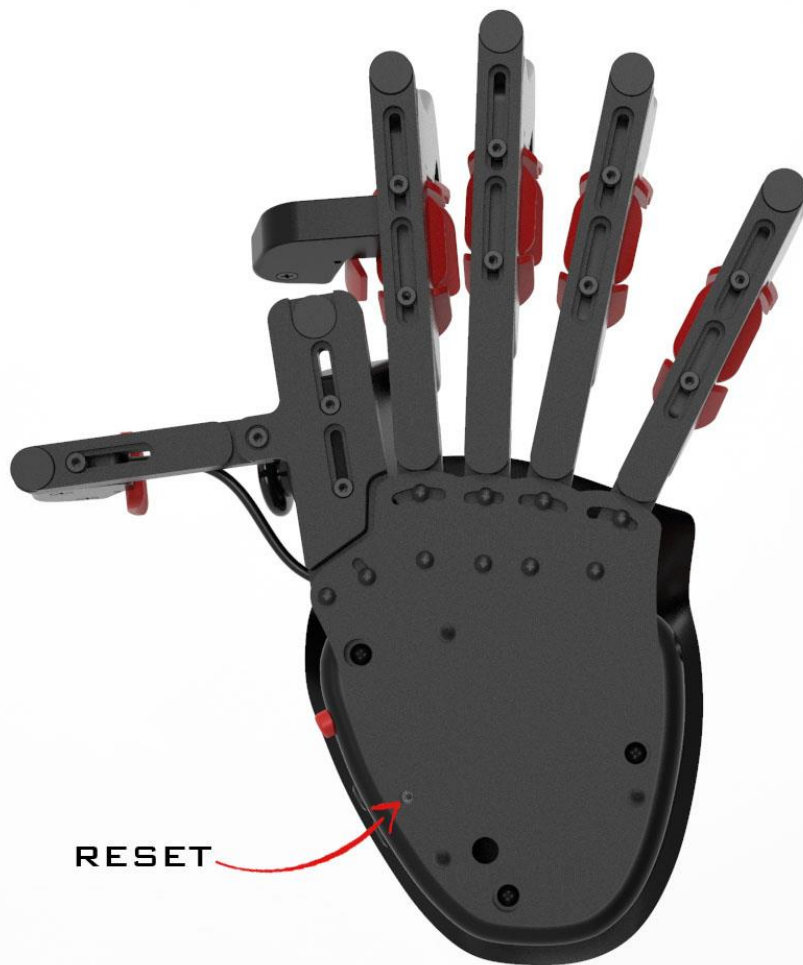
Step 2:

Open teensy.exe software

Step 3:

Press on first button to load hex file (for example, "Firmware.hex")
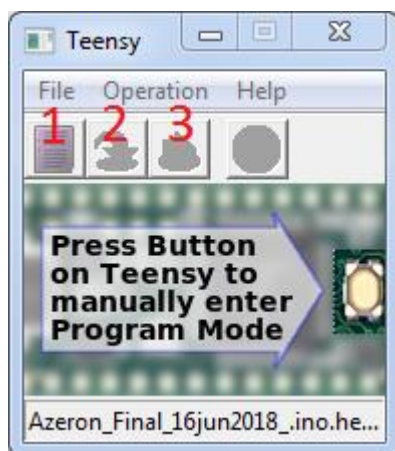
Step 4:

Reset Azeron keypad by pressing pin in the hole shown in the picture

RESET

Step 5:

Wait until button 2 is available in Teensy software. Then press button 2 to upload firmware.
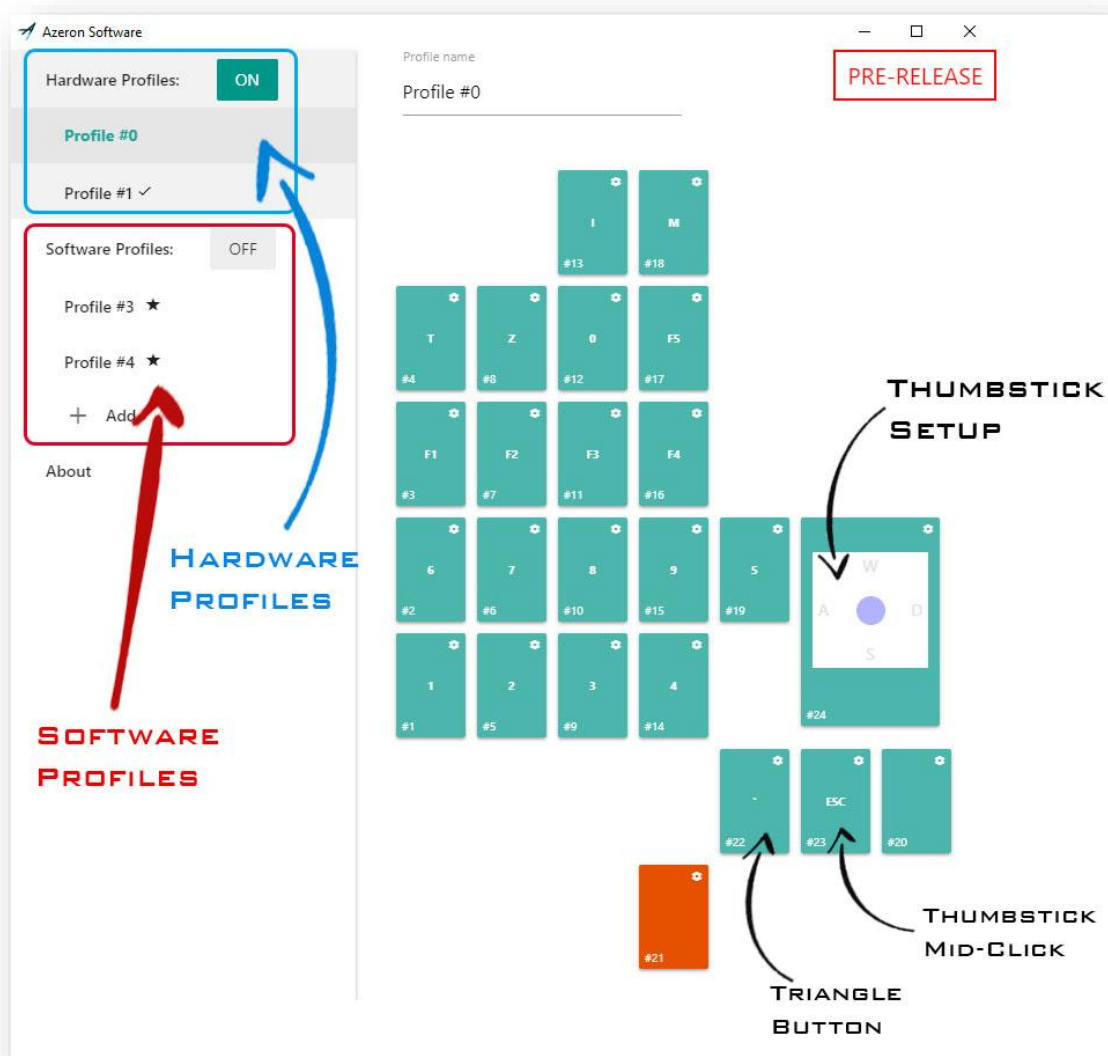

Step 6:

After that press button 3, to restart Teensy. Done!

6. HOW TO USE AZERON SOFTWARE

OVERVIEW

There are 2 profile types available - hardware and software. Hardware profiles are saved on the onboard memory (so you can use the keypad on other PC and it will work with the saved settings). If you are using only hardware profiles, then Azeron software doesn't need to run while gaming, it is used just to setup buttons. If you are using software profile, then the Azeron software needs to run while playing the game.

BUTTON SETUP

To setup buttons, click on the button you wish to setup, then choose between 3 modes: keyboard, joystick or no action.

For **keyboard mode** you can setup any keyboard button to be used on Azeron keypad. It is also possible to setup button combinations on one key press.

In **joystick mode** the keypad will act as a joystick button (it can be well used in games which uses gaming controllers). Or it can be used together with JoyToKey software to get more

advanced setup possibilities (JoyToKey software recognizes joystick buttons and translate them as keyboard button presses).

In **no action mode** the button will be "empty" and do nothing.

THUMBSTICK SETUP

Thumbstick has 2 modes – it acts as analog stick or as a keyboard buttons (D-Pad).
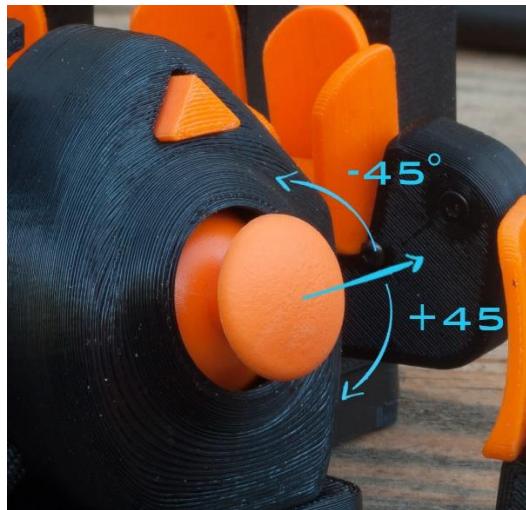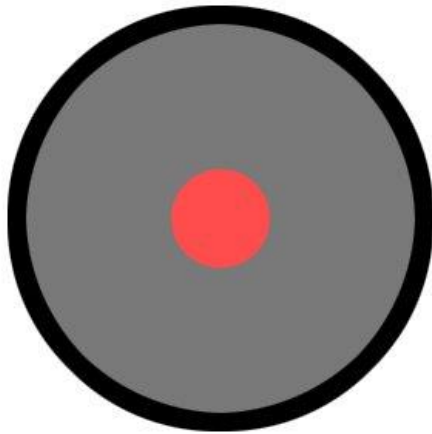

With **angle setting** it is possible to rotate the forward direction for thumbstick:
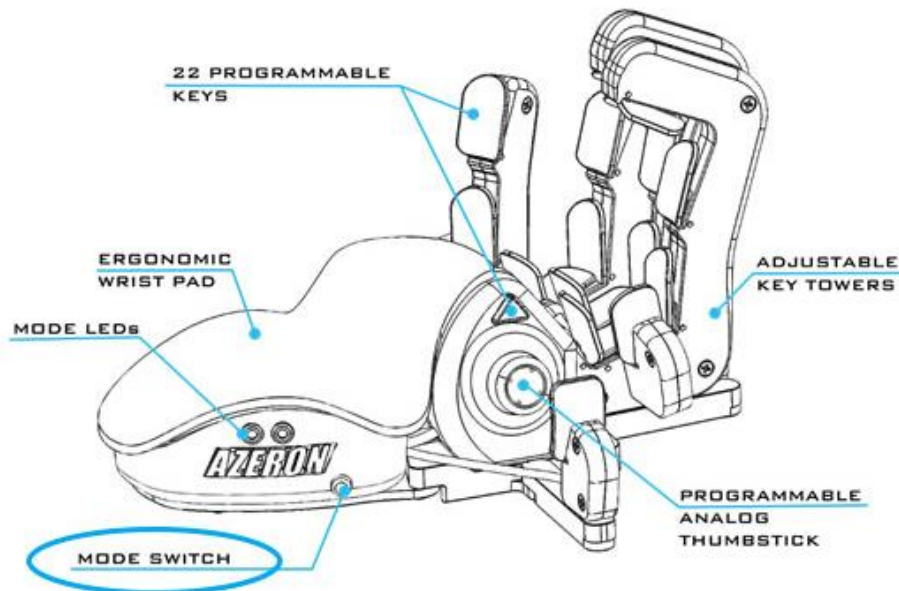
Deadzone is an area from the center of the thumbstick that won't recognize input if the stick is moved within it. The setting is percentage 0-100% starting from center.

When we think about dead zones, this is usually the kind of thing we're envisioning: a very small area in the center of the stick within which input is ignored. The size of the area is simply our best guess at how far a loose, worn-out stick is likely to wiggle on its own, without physical input.
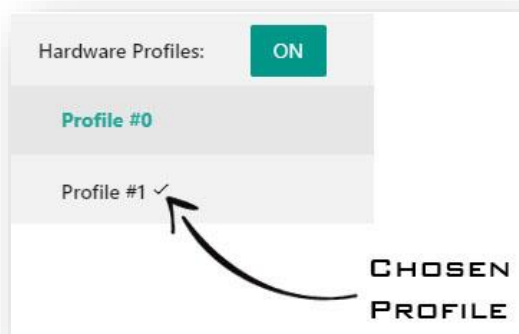
Sensitivity setting controls how sensitive thumbstick feels as percentage 0-100%.
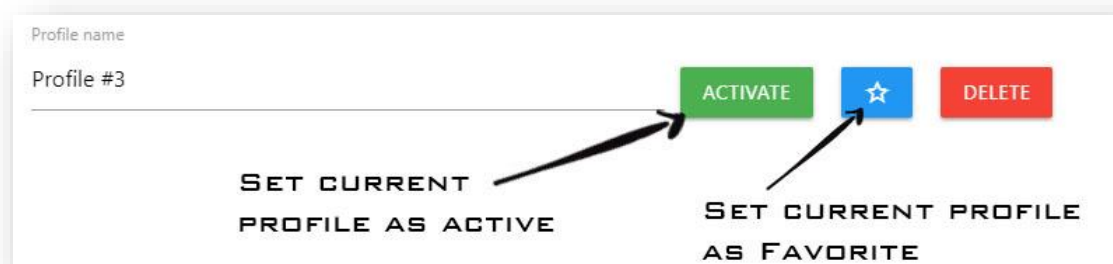
PROFILE SWITCH

To switch between profiles you need to press mode switch on the side of the keypad.

If you are running on Hardware profiles, the mode switch will switch between both Hardware profiles which are on the onboard memory.

If you are running on Software profiles, it is possible to choose 2 profiles as favorite and then switch between them with mode switch. Or you can activate any selected profile with Activate button.

7. TIPS AND TRICKS

- It is recommended to setup space bar button on the mouse, so the running and jumping in the same time is effortless
- It is possible to setup button combinations, by putting Shift (or Ctrl, or Alt) on the mouse and combine it with buttons on the keypad, to setup more than 22 commands. For example, Shift + 1, Shift + A, Ctrl + W etc.
- To make it easier to get used to the key setup – we recommend creating a new character in the game and learn new skills one by one together with your character
- In case the software doesn't recognize keypad, you need to close the software, remove USB cable from PC, wait until Windows no longer see the keypad, then plug in back the USB cable, turn on the software again.

WARNING! Do not keep keypad near heat sources or in hot places!

Contact for more information: azeron.keypad@gmail.com

Facebook: https://www.facebook.com/Azeron.Gaming.Keypad/

Webpage: azeron.eu