ZigZag UI V1.3

Features:

- **Brightness Levels:** The flashlight has 10 brightness levels categorized as 4 Moonlight levels, 5 Main levels, and Turbo.
- Blinky Modes: There are 4 modes available: Biking; SOS; soft Strobe, and Beacon .
- **Battery Indicator:** The UI includes a battery voltage indicator that blinks to show battery voltage.
- **Button Lock:** A lock feature prevents accidental button presses. It includes a momentary Moon mode.
- **Momentary Turbo/Emergency Mode:** From the Off state, a momentary press activates Turbo or Emergency mode, which stays on as long as the button is pressed.
- Low Voltage Protection (LVP): The UI have low voltage protection , planed stepdowns and indication.
- **Thermal Protection:** The flashlight has advanced thermal protection.

Operating Manual:

Note: C = *Click* (*press and release quickly*), *H* = *Hold* (*press and hold*)

From OFF:

- **H:** Activates Moon1 level and ascending levels up.
- **C&H:** Activates Momentary Turbo or Emergency mode. No LVP in this mode; light stays on while button is pressed and if battery have some power.
- 1C: Activates Default (manually saved) or last used (auto saved) level.
- **2C:** Activates Turbo level. (If voltage > 3.3V; if < activates available Main mode.)
- **3C:** Battery/Temp check mode . Blinks voltage.
- **4C:** Activates Strobe mode.
- 5C: Activates Soft lock.
- **6C:** Changes button LED mode in OFF state; last used mode will be saved.

From ON:

- 1C: Turns OFF.
- **H:** Level up and down(ZigZag) from M1 to M5 : M1-M2-M3-M4-M5-M4...;
- **C&H:** Reverse from any mode down to OFF. OFF and Moon modes are separated by pause. Release to select desired level.
- **2C:** Activates Turbo level.(If voltage > 3.3V; If < activates available Main mode.)
- **3C:** Sets current level as Default start level; main LED blinks once to confirm.
- **2C&H:** Sets Last used level (except Turbo) as start level; main LED blinks twice to confirm.
- * **3C&H:** Sets actual moon level as default shotcut start level from OFF.

From Batt/Temp mode:

- **1C:** Turns OFF.
- **2C:** Temp check mode, blinks temp.

From STROBES:

- 1C: Turns OFF.
- **2C:** Switch strobe modes. memorizes last used strobe mode.

From LOCK:

- H: Activates momentary Moon mode.
- **5C:** Unlocks to Default or Last used mode.
- **6C:** Selects button LED mode in Lock state; last used mode will be memorized.

From TURBO:

- 1C: Turns OFF.
- **2C:** Back to Last used brightness level.
- H or C&H: Steps down to Main modes M5 -M4- .. and so on.

Low Voltage Indicator:

• 3 main or aux led blinks indicates LOW VOLTAGE in any case.