

- 1 - YDA138-E amplifier
- 2 - 2 Way crossover (2 pcs)
- 3 - 6 Ohm tweeter (2 pcs)
- 4 - 6 Ohm woofer (2 pcs)
- 5 - Up2Stream WiFi module
- 6 - KRC-86B Bluetooth module
- 7 - Latching LED switch
- 8 - 18650 Li-Ion cells (3 pcs)
- 9 - 3S BMS
- 10 - DC charging port
- 11 - 3S Battery level indicator
- 12 - Tactile button switch
- 13 - Stereo input jack
- 14 - Ground loop isolator
- 15 - Step down converter
- 16 - Isolated converter
- 17 - Slide switch
- 18 - Blue 2mm LED
- 19 - Green 2mm LED (4 pcs)
- 20 - Red 2mm LED
- 21 - 1k Ohm resistor (2 pcs)

Wiring of the LED switch.  
With this wiring method  
the switch will illuminate  
when ON. Notice that "+"  
must be connected to  
"NO".

This potentiometer  
is extended by six wires

Two 1k Ohm resistors are soldered to  
the "OUTR" and "OUTL"  
connections and the opposite leads of the resistors  
are soldered together. Left and Right  
channels are soldered to the joined  
leads turning the stereo signal into  
mono.

The output of the step  
down converter is set to 5V  
and is then connected to  
the isolated converter.

The round LEDs are  
changed to 2mm LEDs.

12.6V charger is plugged here  
for charging.

