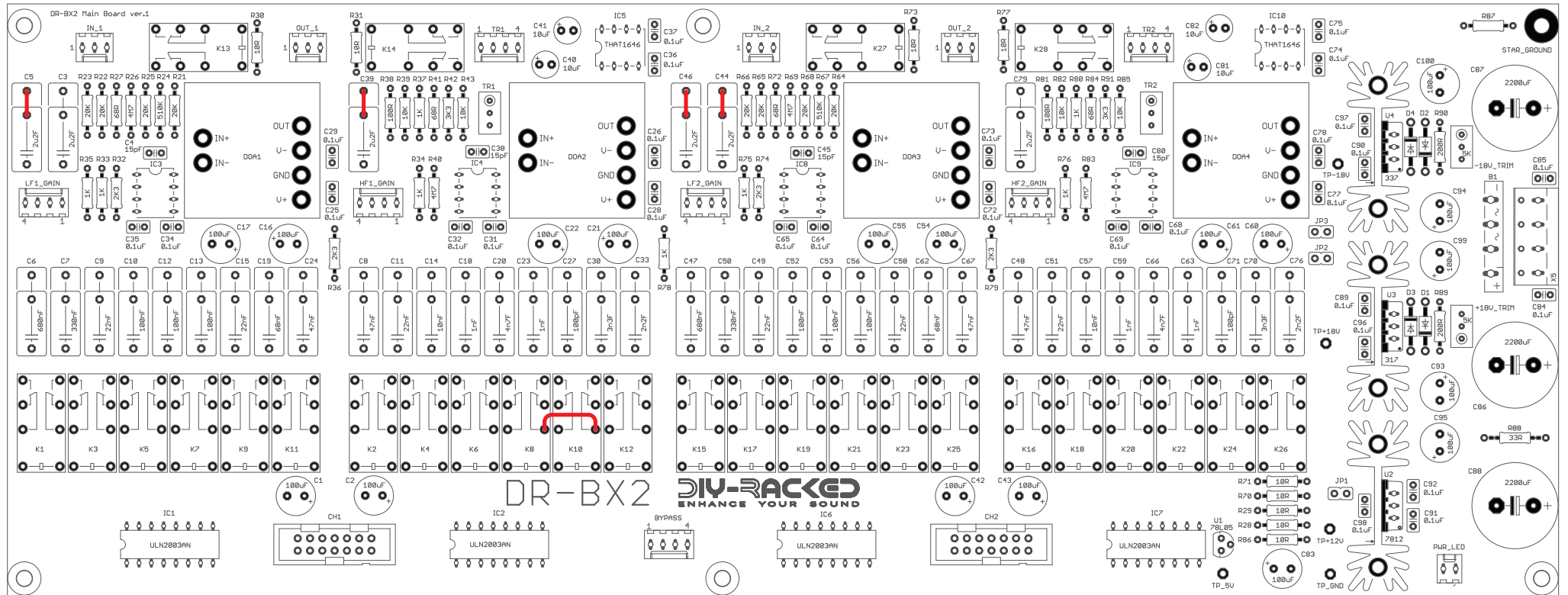


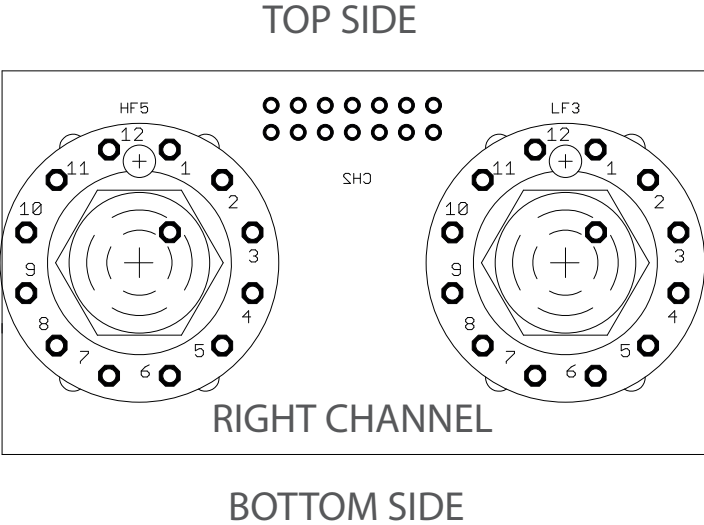
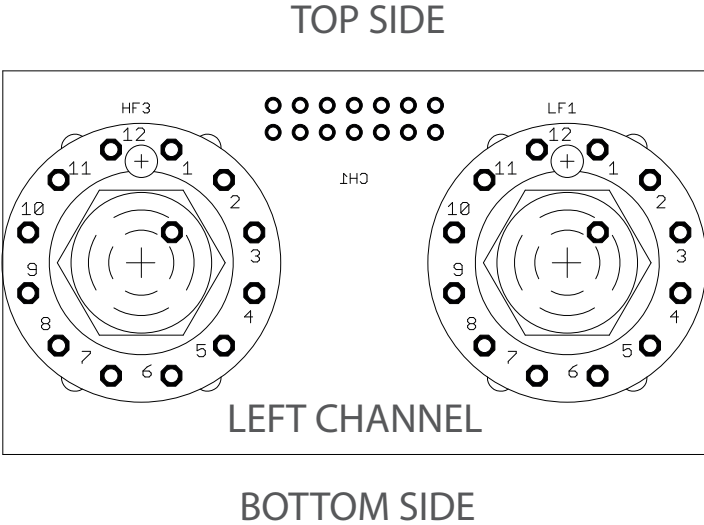
DR-BX2 BUILDING MANUAL



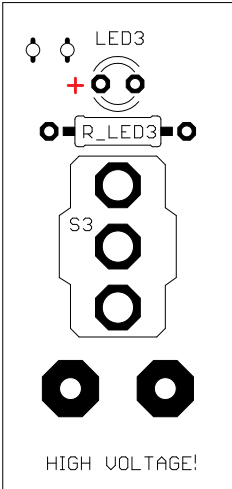
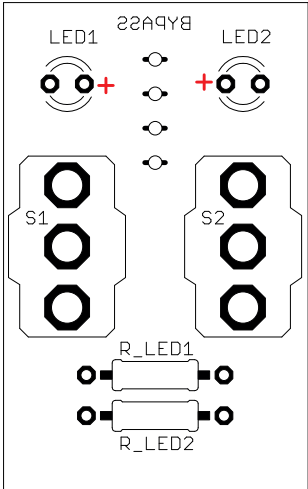
DR BX2 V.1 JUMPERS
Solder all **MARKED** jumpers



DR BX2 V.1 FRONT PANEL PCB ORIENTATION

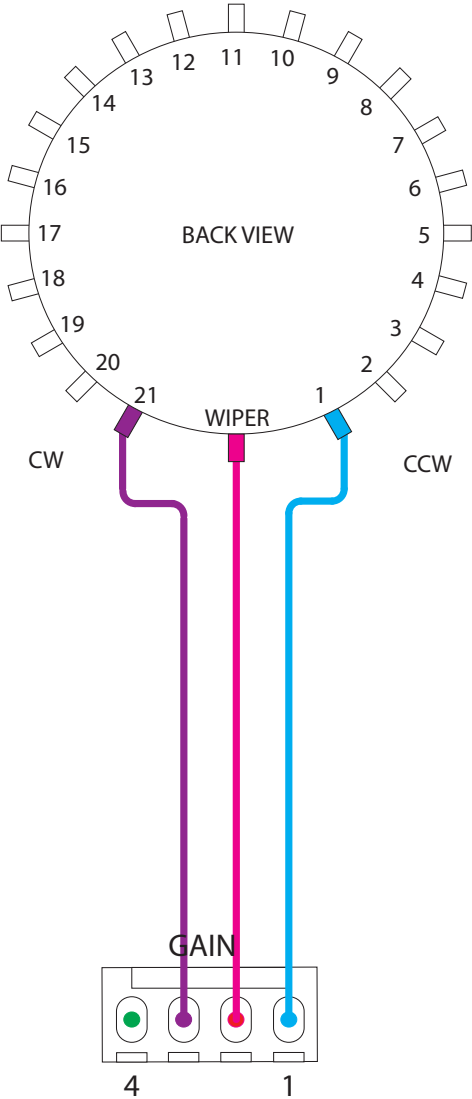


DR BX2 V.1 LEDs ORIENTATION



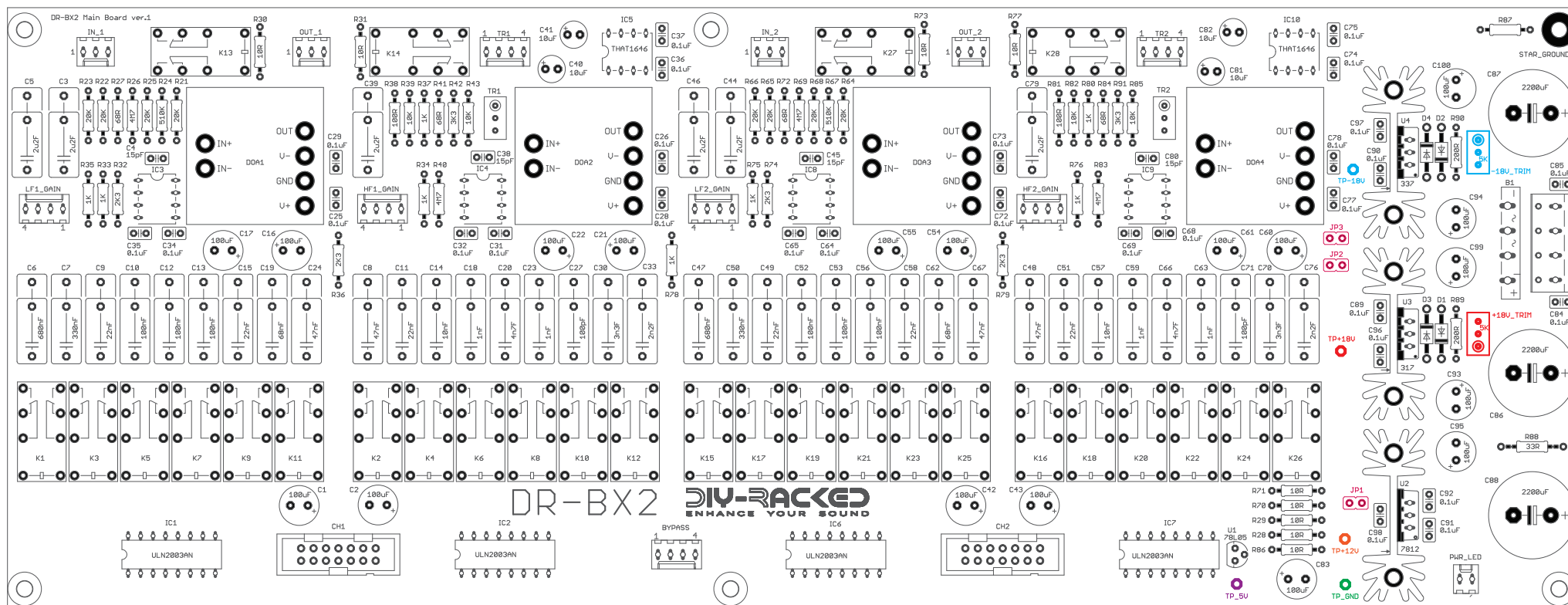
DR BX2 V.1GAIN SWITCH

21 Step 1 Pole
PIN4 is Optional Shield



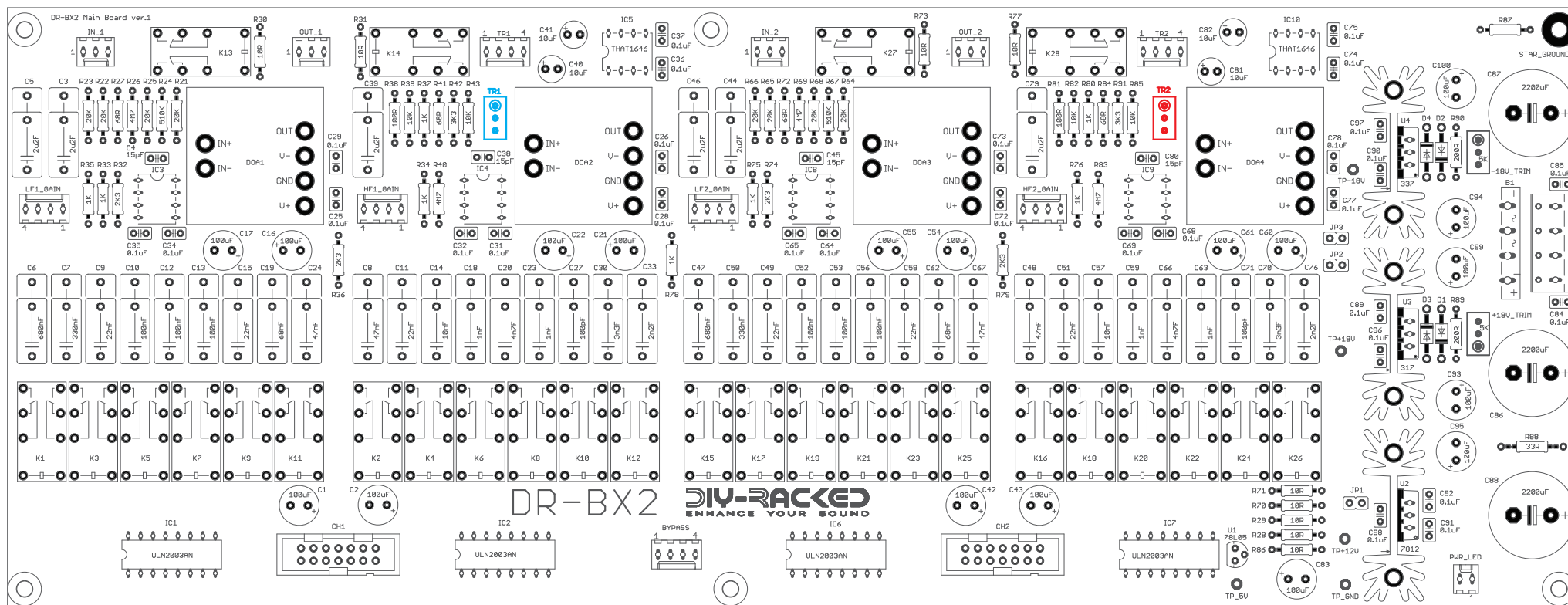
DR BX2 V.1 PSU ADJUST

1. Install FUSE and connect power plug.
2. Turn ON power switch and turn OFF after few seconds. Check no smoke and then turn ON again.
3. With not installed ICs and connected DMM to **TP_GND** and **TP-18V** adjust **-18V_TRIM** for -18 Volts.
4. Connected DMM to **TP_GND** and **TP+18V** adjust **+18V_TRIM** for +18 Volts.
5. Connected DMM to **TP_GND** and **TP+12V** . DMM should shows about +12Volts.
6. Install **JP1**, **JP2** and **JP3**.
7. Connected DMM to **TP_GND** and **TP+5V** . DMM should shows about +5Volts.
8. Check all TP again and then turn off power.
9. Install all ICs and DOA. Turn ON and then all TP. Now you ready for UNITY GAIN calibration.

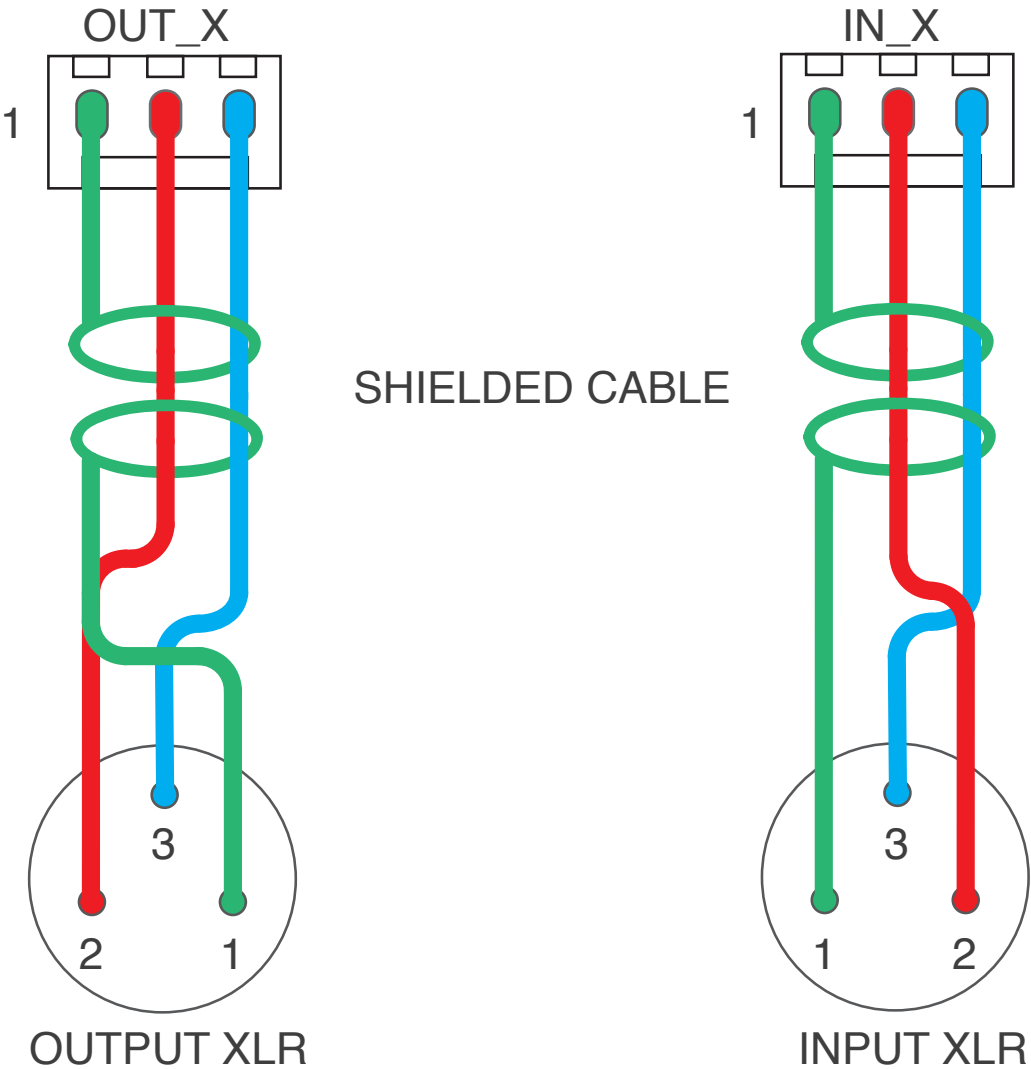


DR BX2 V.1 UNITY GAIN SETUP

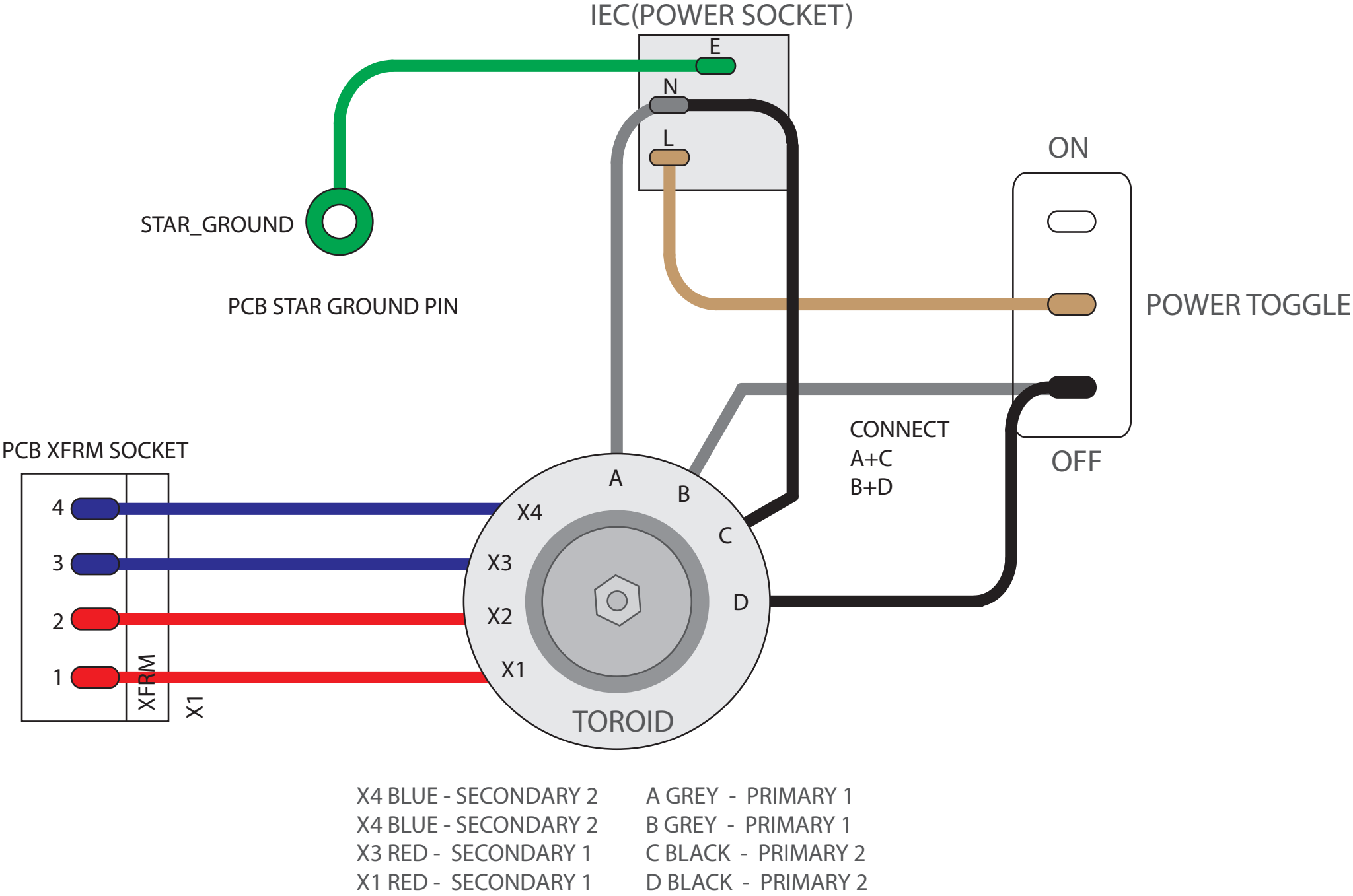
1. Set BX2 front panel left and right controls to : Gain 0, LOW FREQ 50hz, HIGH FREQ 20khz, BYPASS ON.
2. Generate in your DAW 1volt 1khz sinus signal.
3. Connect signal from your DAW to BX2 left input.
4. Connected DMM in AC Volt mode to BX2 left output (pin2 and pin3).
5. Adjust **TR1** for 1 Volt.
6. Connect signal from your DAW to BX2 right input.
7. Connected DMM in AC Volt mode to BX2 right output (pin2 and pin3).
8. Adjust **TR2** for 1 Volt.



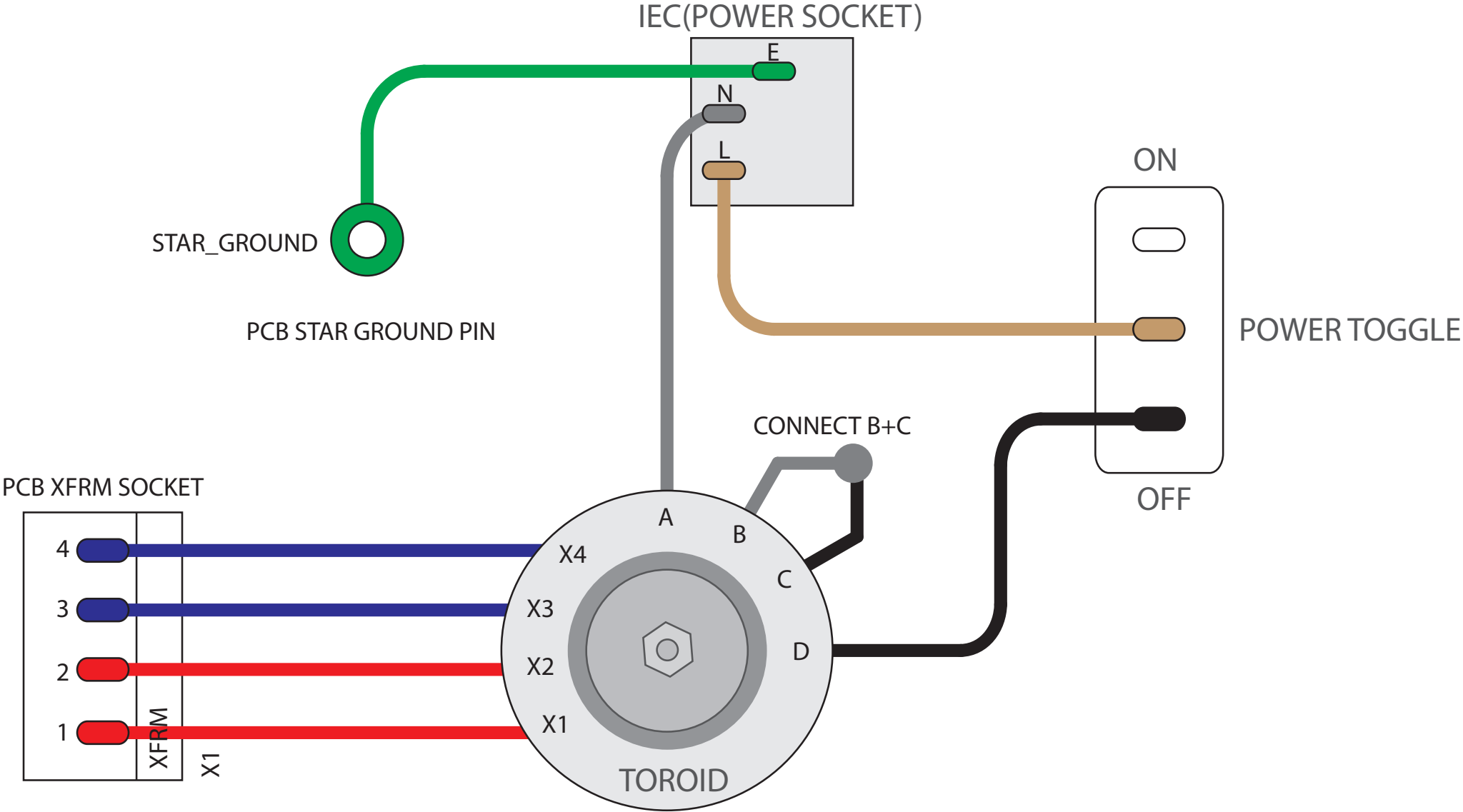
DR BX2 XLR WIRING



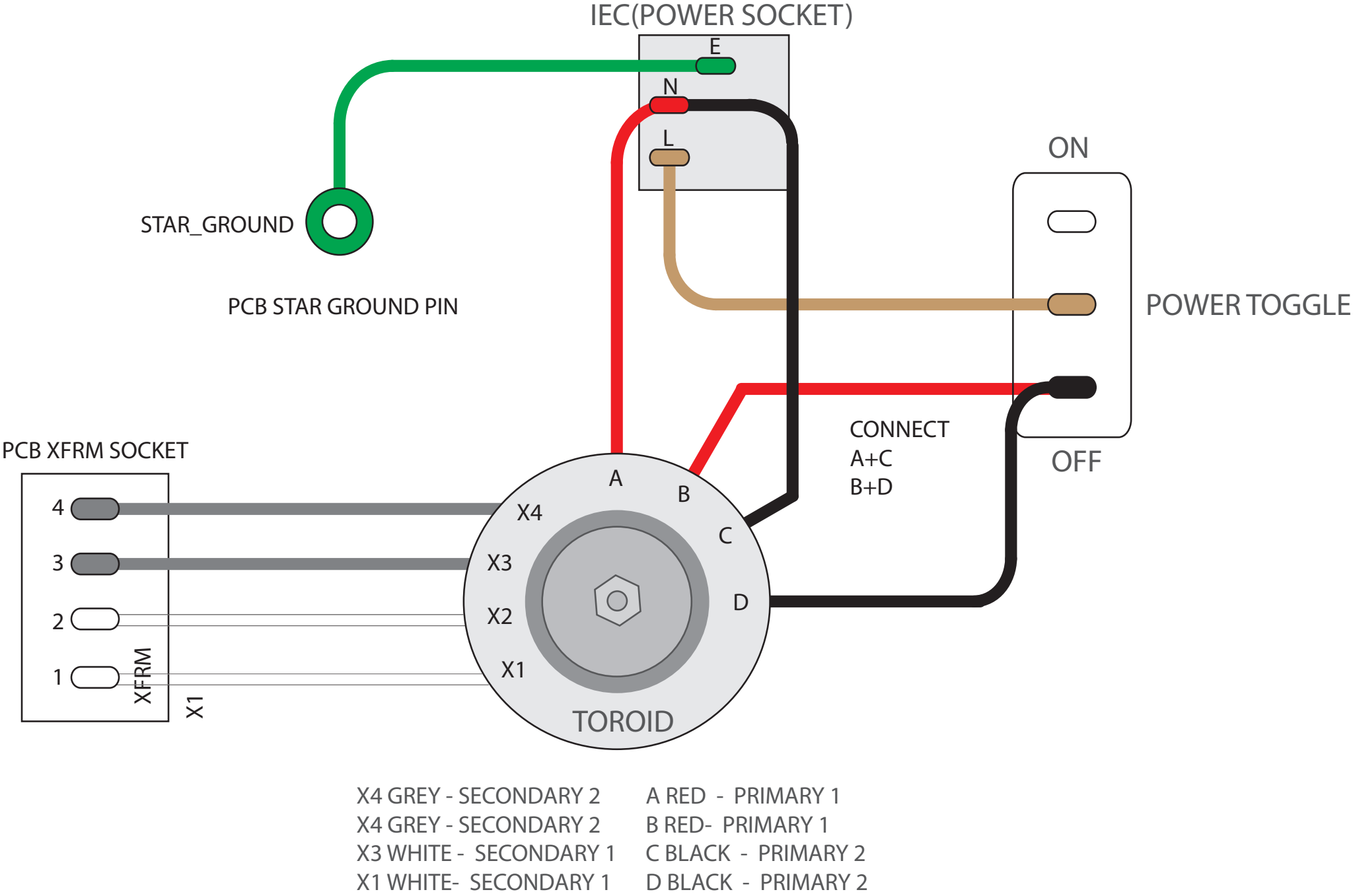
TOROID N1 WIRING FOR 115V



TOROID WIRING FOR 220V



TOROID N2 WIRING FOR 115V



TOROID N2 WIRING FOR 220V

