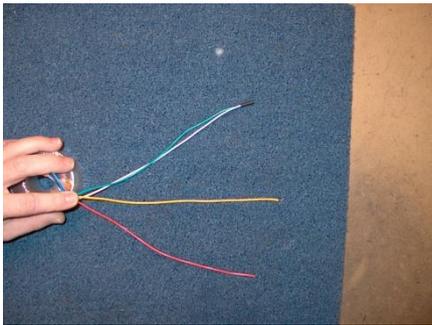


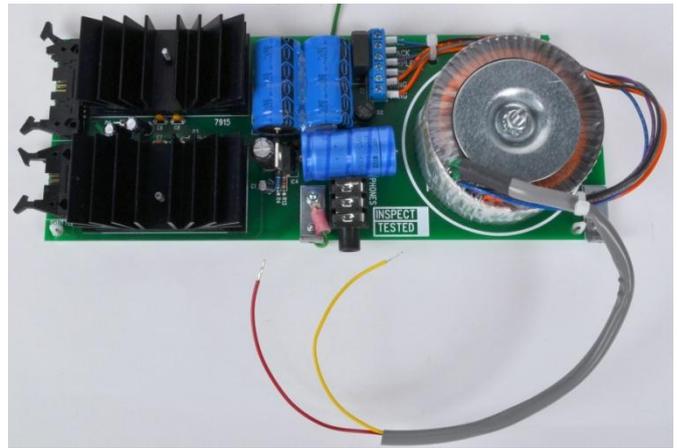
Modification Airmate-(USB) from 230V to 115V

(only to be performed by a trained engineer)

Disconnect the mixer from the mains power and remove the bottom frame from the mixer. Place the mixer with knobs down on a soft surface and remove all bolts that hold the bottom frame. Once removed you will see the power supply pcb with the wiring as pictured below. The following picture shows the present 230V wiring. Green and White are connected to each other (hidden in the isolation tube) and Red and Yellow are connected to the mains power connector/switch to lug L and N. Both windings(coils) are now in series to accept 230 volts.



230 volts wiring



230 volts wiring with green/ white shorted inside the tube

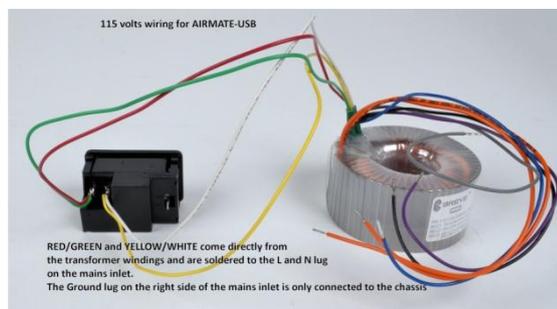
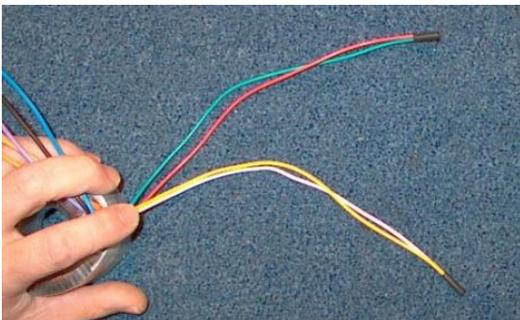
To modify the power-supply there are two necessary steps to follow.

- 1) The power-cabling to the transformer needs to be rerouted.
- 2) The fuse needs to be replaced.

Step 1: Rerouting the power-cabling.

Cut the isolation tubes from the L and N lugs on the mains inlet and de-solder the wires from the L and N lugs. Remove the isolation tube from the primary side of the transformers wires, you now see a green/red/yellow and a white wire. (of which the green and white wires are connected to each other) De-solder or cut/separate the green and white wire from each other and make all wire ends free/clean for soldering.

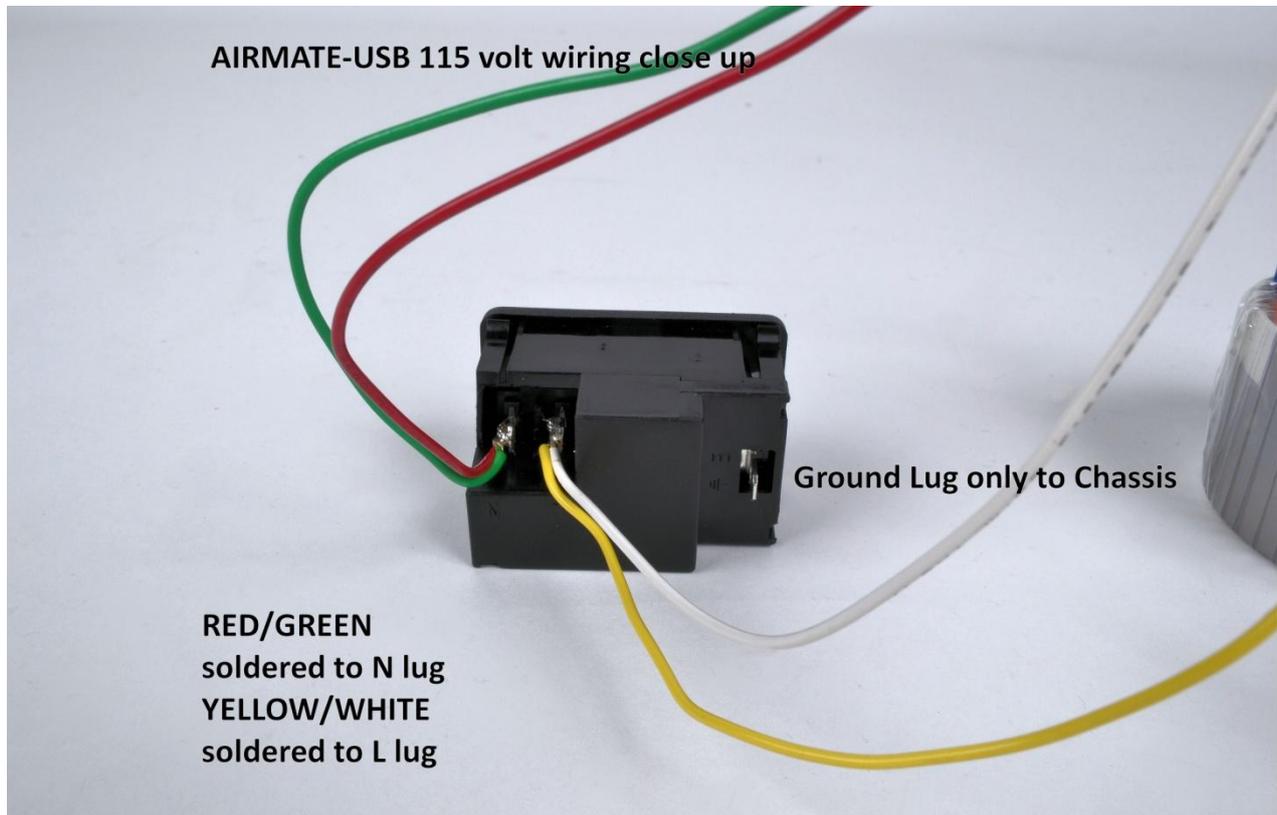
Twist the **Green and the Red** wire together and twist the **White and the Yellow** together. (see left picture below)



The two 115 volt primary coils are now wired parallel.

You can solder the twisted wires before reconnecting/soldering them to the mains power inlet only on pin L and N. **RED/GREEN to N lug and YELLOW/WHITE to L lug.**

!!DO NOT CONNECT ANY TRANSFORMER WIRE TO THE GROUND LUG!!



Step 2: Replacing the fuse. The fuse-box is integrated in the mains inlet AC socket.



Backside mains inlet



FUSE holder in the middle

The fuse must be replaced from a 0.5A (230 volts) into a 1A slow blow fuse for 115volts.

If you have any doubts about this modification please contact us because it involves high voltage AC power that can be destructive to your health when modified in the wrong way.

