

The Fender® 6G15 reverb has been used on thousands of recordings and countless live performances since the early 1960's, when the first version appeared on the music scene.

This is NOT another solid state reverb: this is an emulation of the Fender® 6G15 with analog FET technology using the same topology and principles as the original. Basically, the tubes in the original schematic are replaced with JFETS/MOSFETs and the output transformer with a current source. The circuit is all Class A, is optimized for a tube-like harmonic content, have input protection and is using a standard 12V DC power supply adapter.

More information about this kit can be found at [www.surfyindustries.com](http://www.surfyindustries.com)

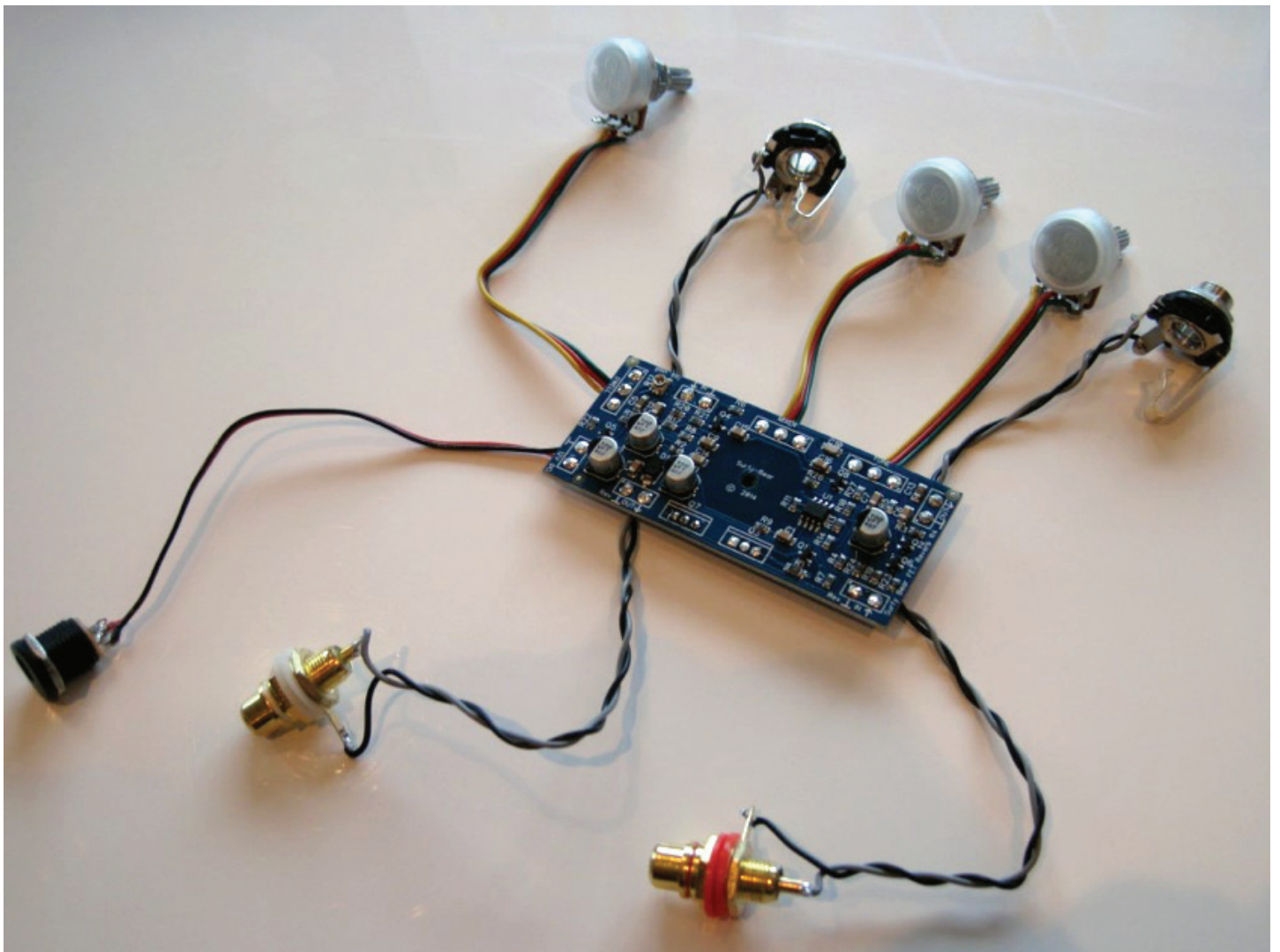


## The kit consists of:

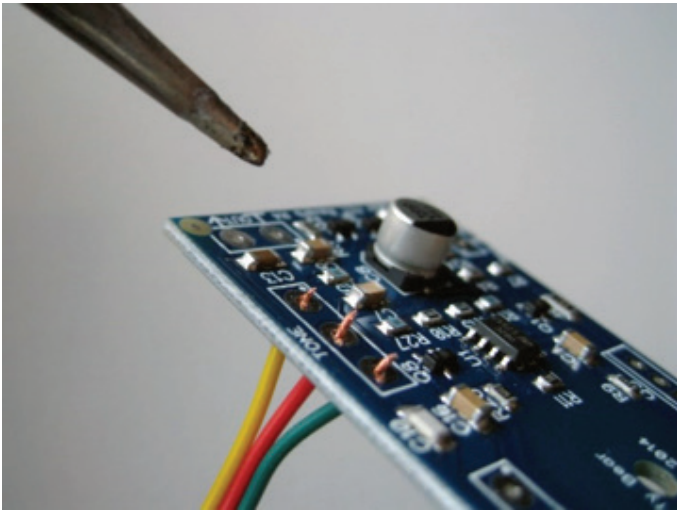
- n. 1 Circuit board
- n. 1 Washer
- n. 1 Screw
- n. 2 Potentiometer 50k lin
- n. 1 Potentiometer 250k lin
- n. 2 Guitar jacks
- n. 2 RCA jacks
- n. 1 DC jack
- Wires

## Instructions:

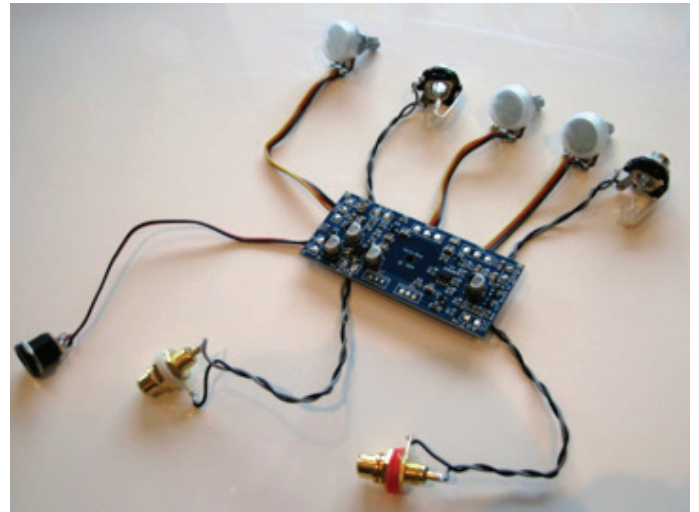
- Use a shielded box (metal chassis)
- The board will get hot and MUST be screwed against the metal box (as heatsink) for proper cooling
- Keep all wires short
- Use a well regulated 12V DC power supply like the one we sell at our web site [www.surfyindustries.com](http://www.surfyindustries.com)



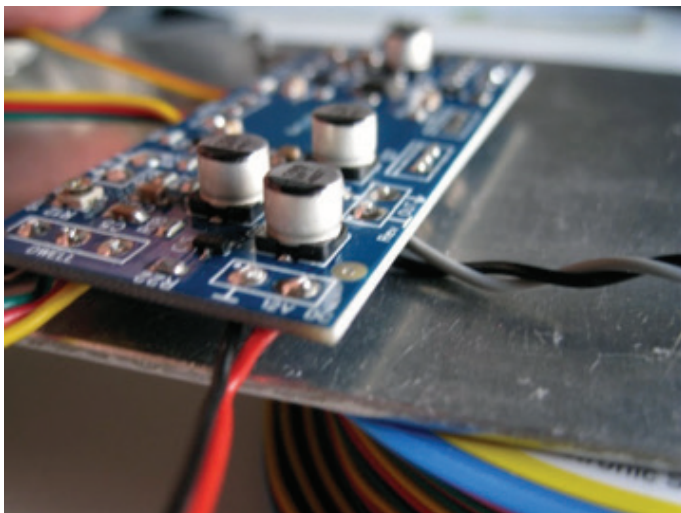




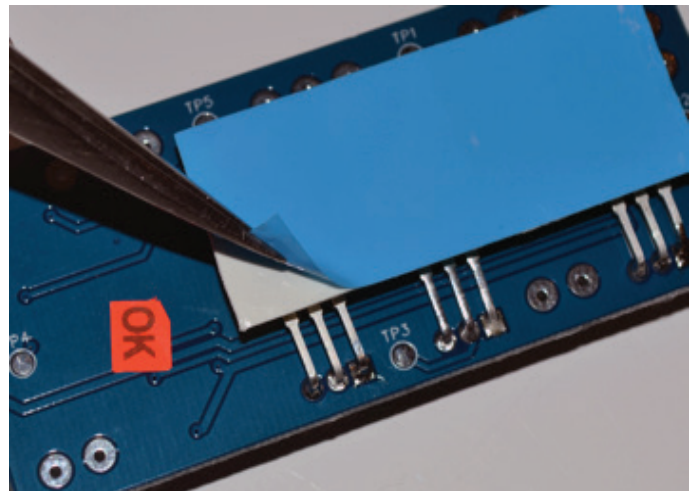
Solder the wires according to diagram 1.



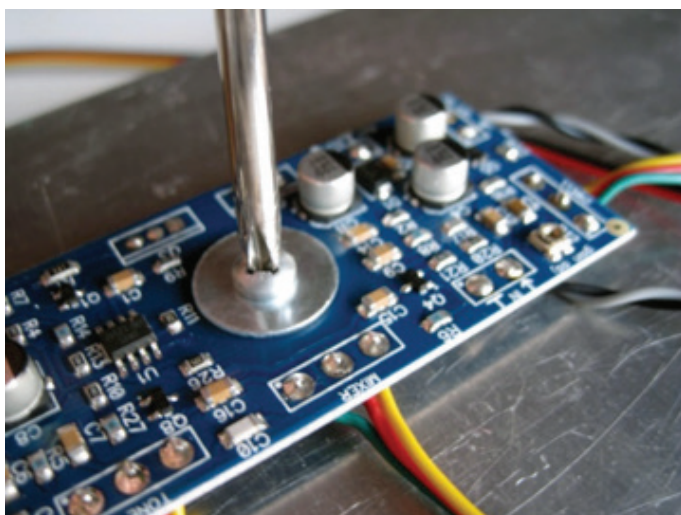
Keep the wires short.



Make sure that no solder joints get in contact with the chassis.



Remove the protection foil from the isolation pad. Important: this tape isolates the MOSFETs from chassis (ground)

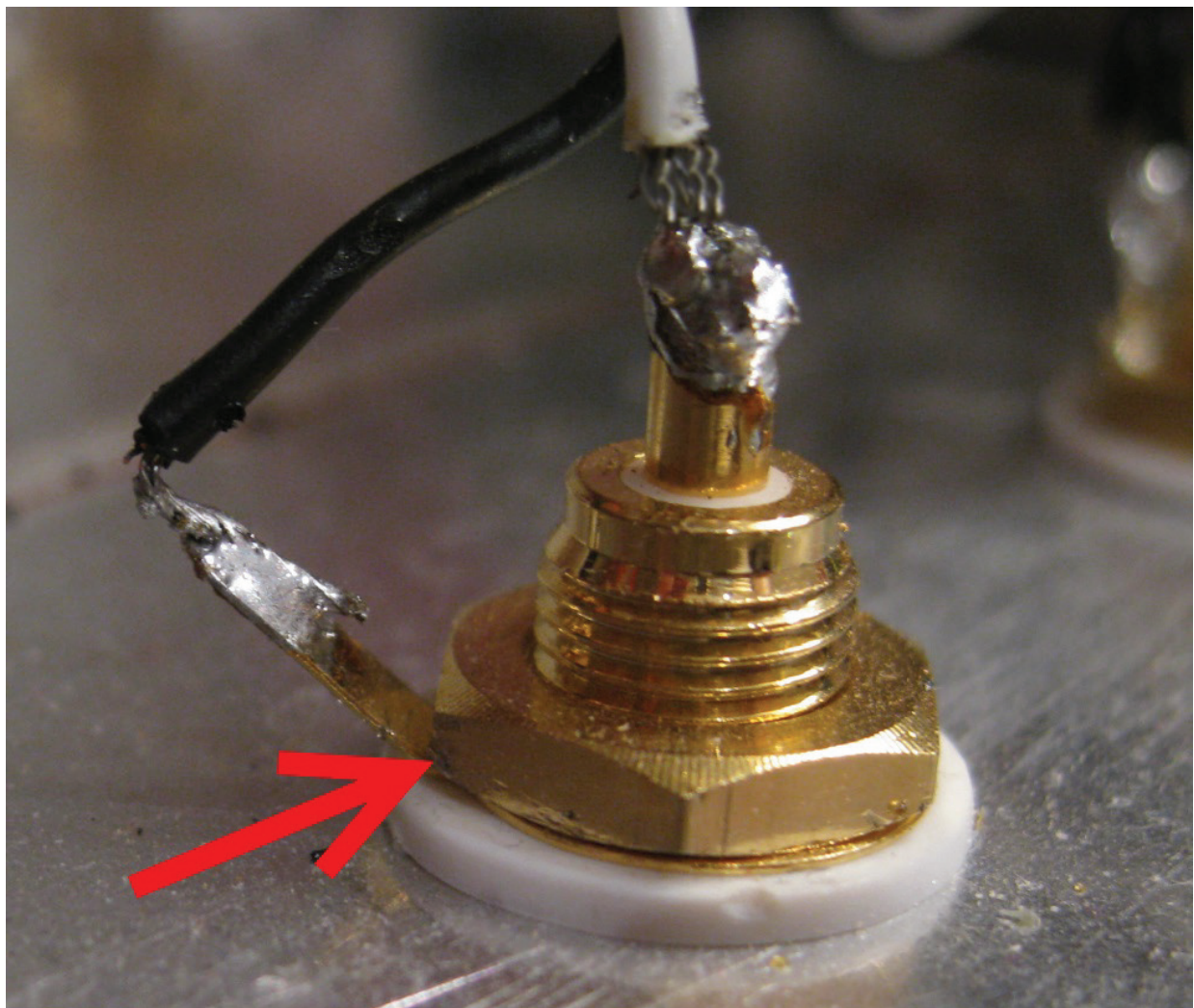
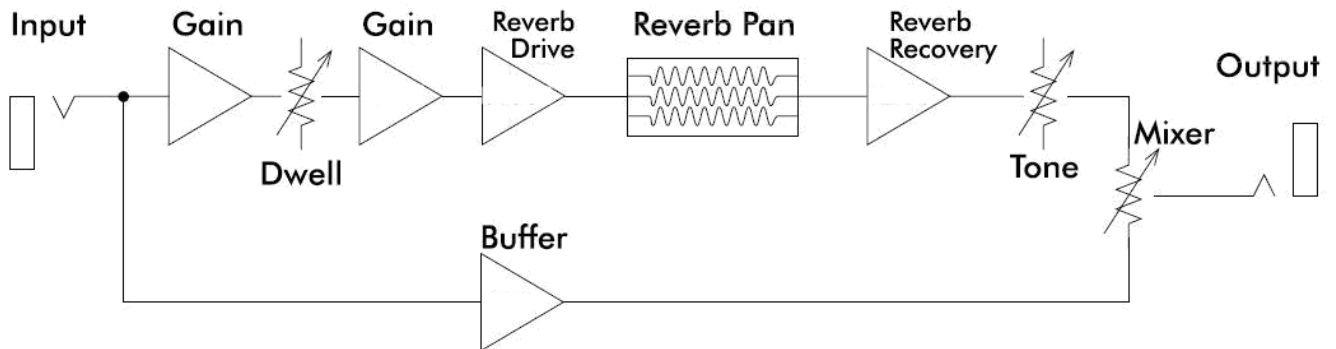


Drill a 2.5mm hole in the chassis and screw the board to the chassis.



Measure the polarity of the supply voltage before connecting the supply wires!

**SURFYBEAR Reverb - Block Diagram**





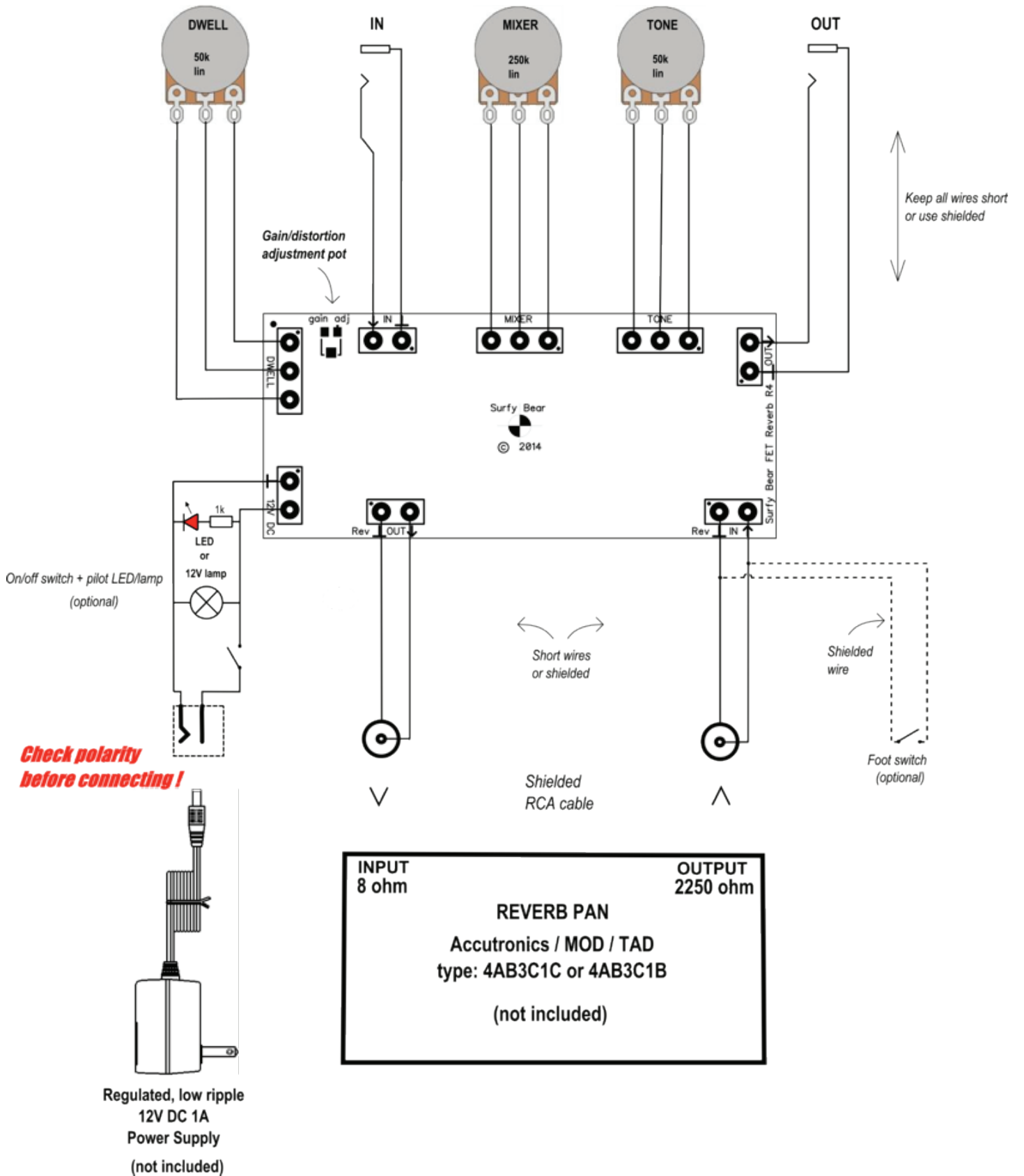


Diagram 1

Do not hesitate to contact us for further information and details, but please be aware that we do not offer any assistance on soldering, assembling and basic electronic knowledge. Those are skills you have to know before approaching a DIY project.

Our products are certified to comply to the current regulations and European laws regarding the safety of electronic equipment of our specific type. We are anyway not responsible for any damage caused to persons or third party equipment due to wrong usage or installation of our products.

### Surfy Industries AB

Sweden

[www.surfyindustries.com](http://www.surfyindustries.com)

