POWER HARNESS INSTALL W/TOGGLE AND/OR INDY LAMP

These wiring harnesses are complete power systems in various different configurations. IEC or Edison ower inlet, optional Fender Style indy lamp, optional master On/OFF toggle switch, and a power cable lead to hookup a pedal power device. (Voodoo Lab, T Rex any supply that utilizes a C13 IEC connector) These assemblies are a fairly easy install for the modest to professional DIYer. With just a few tools, this harness will complete your modifications for your board; plus, its super useful & looks killer!

Each kit variation is a professionally wired, soldered, built and tested assembly. Since mid 2019, all of our harnesses will now work in any country worldwide. The LED bulb is the main component that is particular about voltage. If you order the harness in the US, it will ship with a 110-130 Volt rated LED bulb. If you plan to travel with your board, you can buy a 210-250Volt rated bulb from our parts store.

LED BULBS ARE RATED FOR EITHER 110-130 VOLTS OR 210-250 VOLTS

*Measure twice and cut once; there are several holes and router areas that need to be layed out before you start drilling. On Page 2, there is a very accurate template for routering the hole needed for the IEC power inlet. Once this opening is made, the entire assembly can be pushed through the opening. ***NOTE, remove the indicator lamp assembly first; notice we put easy disconnects on those. There is a reason kids!****

Pre-Installation

- Remove all power that may be connected to the board before starting.
- Safety glasses are a good idea, hot solder and wood particulates in the eyeballs suck..! Gloves could also be handy, but your call. 10 fingers after the project is finished is highly acceptable.
- Smelly, possibly poisonous gas is released from melting metal, routered wood; do be in a well vented area, and stay away from open flames. Smoking while working with power tools looks cool, but could also cause adverse effects.
- DUDE your actually reading these instructions!!?
- Depending on where you want to mount each component, make sure each location is clear from any obstruction, and you can easily tighten screws/nuts etc. This is before you cut, router, drill...
- The main inlet piece, toggle switch and indy lamp each require a certain thickness or depth (the material thickness that your mounting this too)for proper installation. Notice each component has only a certain amount of available thread for the retaining nut. A surface too thick will can hinder the installation. Sometimes it's necessary to countersink the hole from the bottom side. Do this to have access and capability to tighten the large nut onto the lamp assembly. Look at our picture gallery for helpful visual hints!
- Make sure all the cables and repective components of the harness will reach your preferred installation location.
- Now for the FUN stuff.....

GENERAL TOOLS REQUIRED:

*Eye & Ear Protection *Clamps to secure the board while working on it *Measuring Tape *Pencil *T-Square or Similar *Power Drill *Sand Paper to smooth edges *#1&2 Phillips Driver

TOGGLE SWITCH SPECIFIC

*1/2" Paddle Bit or Similar, pssibly router and straight bit for underside countersinking
*9/16" wrench to tighten nut

INDY LAMP SPECIFIC

*11/16" Paddle Bit or Similar, opossibly router and straight bit for underside countersinking
*13/16" wrench or socket to tighten nut

How to Router, Drill & Wire it up:

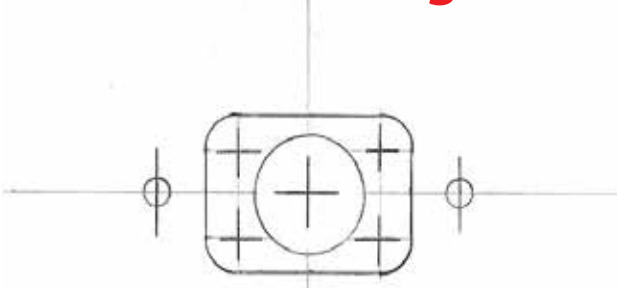
• Use the template to squarely trace the openeing for the IEC inlet. Put a pilot hole through the IEC opening using your 1/2" paddle bit. Then, carefully router out small sections of the IEC through holeuntil you reach all the way through. You can counter sink the IEC asembly 1/8" to make it look really sweet. Once the port fits through, sit it squarley inside the opening, and trace the pattern around it. Then counter sink carefully using the router and straight bit. Sand the rough edges.

If your using the Edison inlet, use a 1 &15/16" or 2" forstner bit to make your through hole. sand the Rough edges.

MAKE SURE THERE IS ENOUGH ROOM FOR EACH COMPONENT

• Drill a 1/2" hole squarely into the mounting surface for the toggle switch
• Drill a 11/16" hole squarely into the mounting surface for the indy lamp
• Use the router, if needed to remove material from each of those under-side mounting surfaces to allow enough area to thread the nuts onto the indy and toggle assembly.
• Feed the harness through the routered AC inlet opening remove the indy lamp if your harness has that
• Install the main lamp assembly from the top, tighting the nut with the washer in place from the bottom
• The wire connections to the indy lamp have no polarity difference
• From the bottom install the toggle switch, tightening the nut from the top side making sure its straight
• Fasten the AC inlet piece with the included hardware
• Connect the power cord from the wall to the power inlet port on the board and test for functionality.
• Make sure all cable and wire is secured to the board to avoid snags, tangles and other random acts of misfortunes.
•Install Power Supply and have some fun.
• SEND US PICTURES OF YOUR INSTALL

IEC Through Hole Template



Through Hole Template (Actual Size)

NOTE THE COUNTERSINK WHERE THE INDY LAMP AND TOGGLE SWITCH WILL BE INSTALLED