



by
BAGULEY
ETERNAL SUSTAIN

General information, specs & FAQ

Series:

- closest to conventional Humbucker sound
- hottest wiring, darker, mid push
- recommended for straight-into-amp approaches

Parallel:

- most neutral/unvoiced wiring
- less hot than series, open, brilliant
- recommended for accessing the instrument's unaltered sound, maximum flexibility for sound shaping, for modelling based approaches

What's the single coil voicing?

"voicing" instead of just "single coil" because technically it is humbucking (split coil).
Tight low end, slight "twang". You can access both coil pairs individually.

Specs (active) [passive]:

Rev 3.0: DCR (series) $\pm 8\text{k}\Omega$;

Rev 3.1, 3.2: DCR (series) $\pm 10\text{k}\Omega$

Rev 3.3: DCR (series) $\pm 12\text{k}\Omega$

Resonance peak (series): (5,7kHz, moderate Q) [2,6kHz, low Q]

Resonance peak (parallel): (10kHz, moderate Q) [5,5kHz, low Q]

Magnets: bridge Neodymium, neck: AlNiCo8

Preamp: +9dB, low z output (10k Ω), no tonal alteration, 9-18V, <1mA current draw

High permeability blades

A word from the HAVEN team

Dear customer,

Music is art. It's expression, communication on a deeply emotional and non-verbal level.

We all do it, we all love it. It's our highest goal to facilitate the interaction between the musician and their beloved instrument.

So we need your honest feedback.

Thanks a lot for supporting us. This is a critical phase for us in which we constantly work on improving our products and stay in close contact with you people to do so.

Feel free to contact Till (he/him; practical development and production aka the guy building the stuff) at tech@haven-pickups.com.

He'll gladly help you with anything.

Have fun!

Pickup PCB connection - coil configuration with jumpers

Do not try to open the pickup!

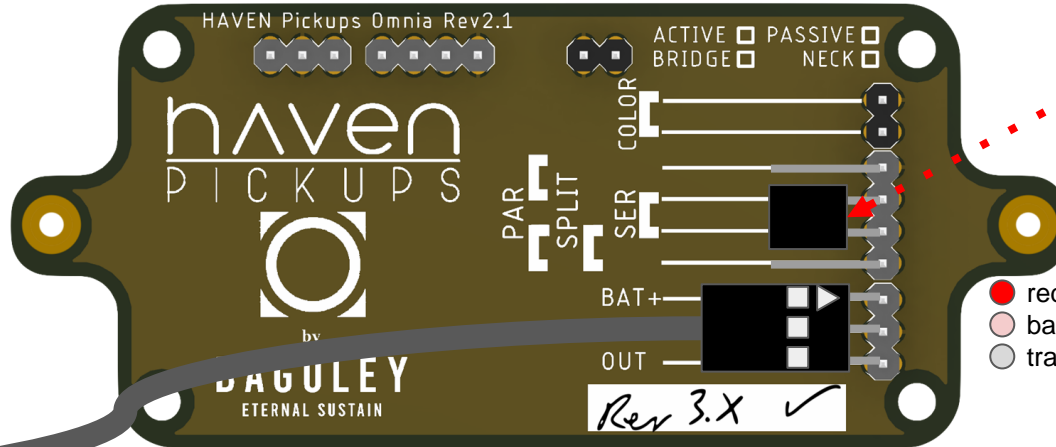
The PCB is soldered in place, everything's filled with wax to the brim and glued.
If you try to forcibly disassemble the pickup it will be destroyed!

the signal and power supply cable is compatible with active Fishman and EMG systems

Connecting the pickups should be the last step of your electronics work on your instrument.

Make sure the connectors are pushed all the way on the pins so they don't get loose while stage diving.

Once properly in place they will hold well.



jumper setting example for "series" configuration. Just follow the PCB markings and keep in mind that for parallel voicing you need two jumpers.

- red
- bare
- transparent

make sure you match the colors as pictured.

With the active omnia, you can either hardwire your preferred coil configuration with the provided jumpers or [connect the coil switching cable](#) if you prefer switching.

Pickup PCB connection - coil configuration with switching cable

Do not try to open the pickup!

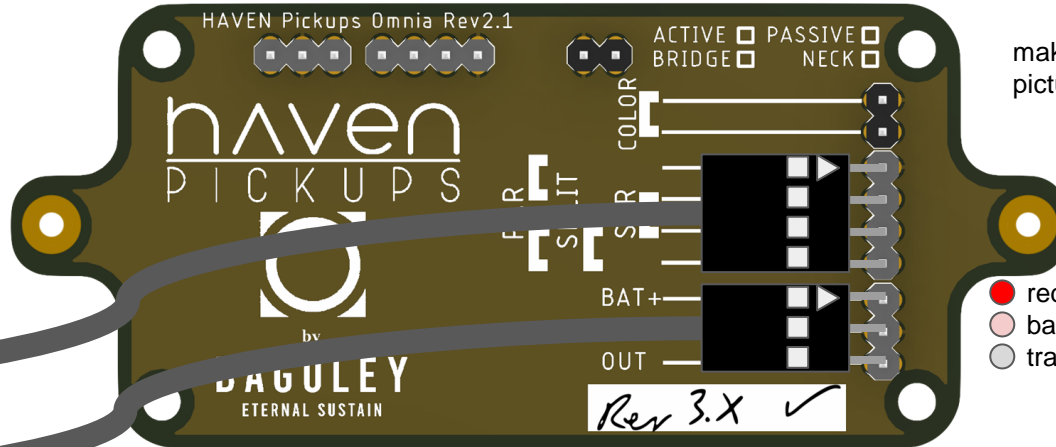
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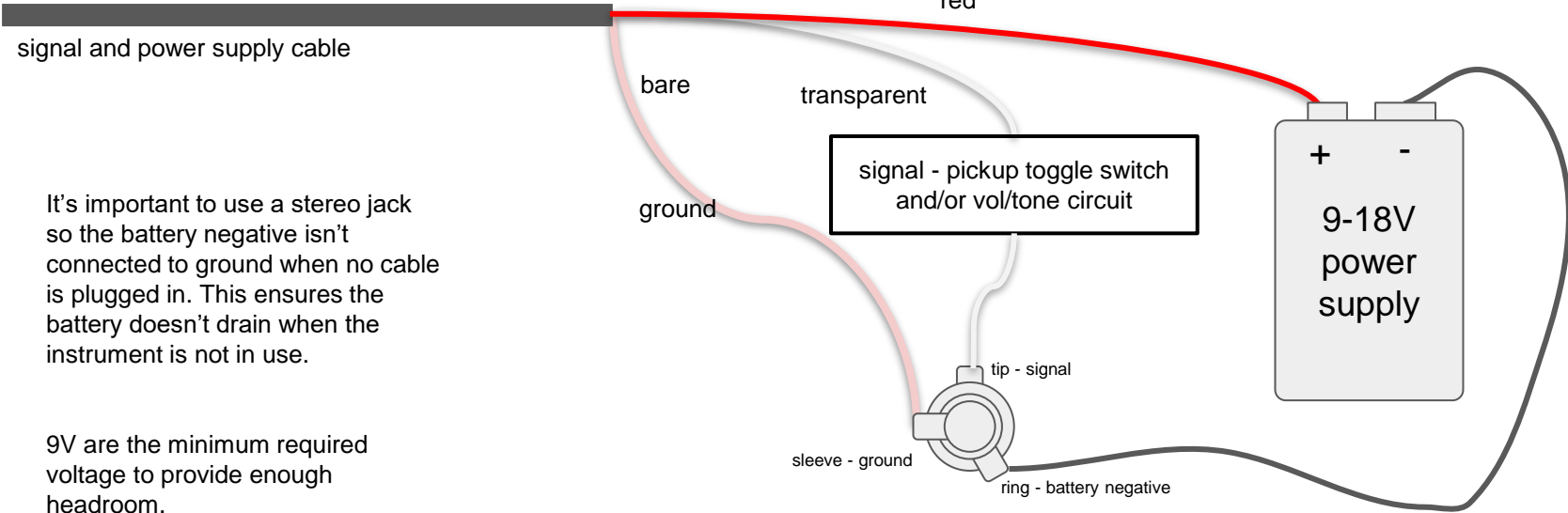
make sure you match the colors as pictured.

- bare
- white
- yellow
- red
- red
- bare
- transparent

[coil switching cable](#)

[signal and power supply cable](#)

signal and power supply cable

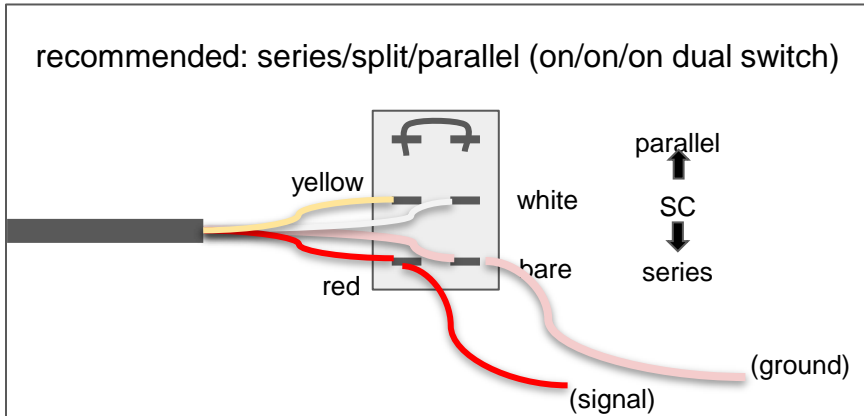
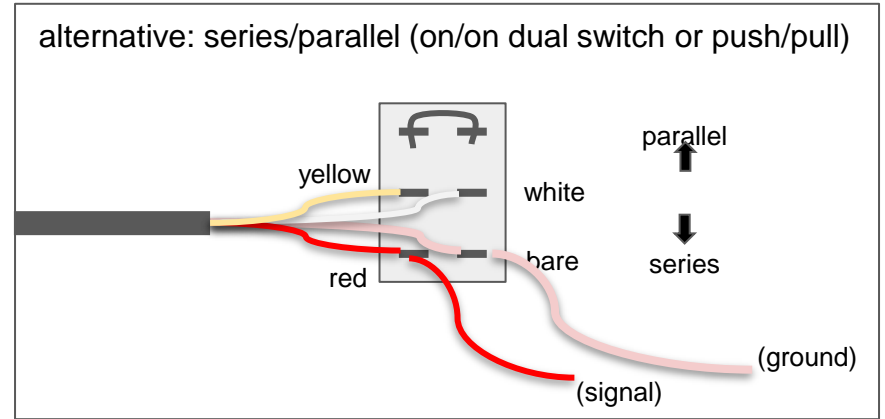
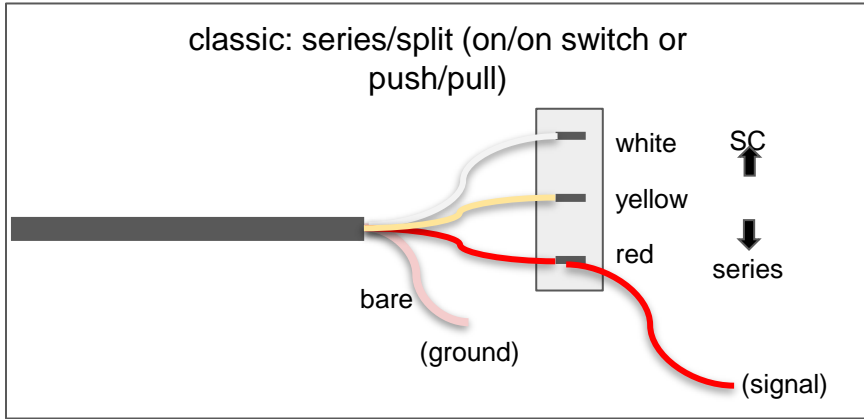


It's important to use a stereo jack so the battery negative isn't connected to ground when no cable is plugged in. This ensures the battery doesn't drain when the instrument is not in use.

9V are the minimum required voltage to provide enough headroom.

Don't connect a power supply surpassing 18V or you'll damage internal components!

switching cable configuration options



With the active omnia you don't need additional signal and ground wires, hence the parenthesis.

On a side note, if you want to access the passive sound you can tap into the passive signal right there.