



## Double NFP Preamp

The NFP is a Notch Filter low pass Preamp like the ones seen on basses like the Alembic or Wal. Being a low pass filter, it lets all bass frequencies pass through up to 4.5Khz where it starts cutting. The sweepable frequency range on each filter ranges from 150Hz to 4.5 khz. The Double NFP offers one filter per pickup that are actively mixed through the blend potentiometer.

The potentiometers on the filter boards allow you to select the desired frequency by rotating it and also have a push-push switch function that allows you to boost the selected notch frequency.

The circuit was designed to run between 9 and 18 volts and it has a power consumption of +- 4 mA.

### Dimensions:

Filter boards x2: W: 3.7cm; H: 2.5cm; D: 1.5cm

Potentiometers:: Hole size is 6.5mm, and bush height is 10mm.

Blend board x1: W: 2.3cm; H: 2.3cm; D: 2.4cm

\* 5x overall gain adjust trim

1: Input for Neck pickup  
2: Ground for Neck pickup

3: Input for Bridge pickup  
4: Ground for Bridge pickup

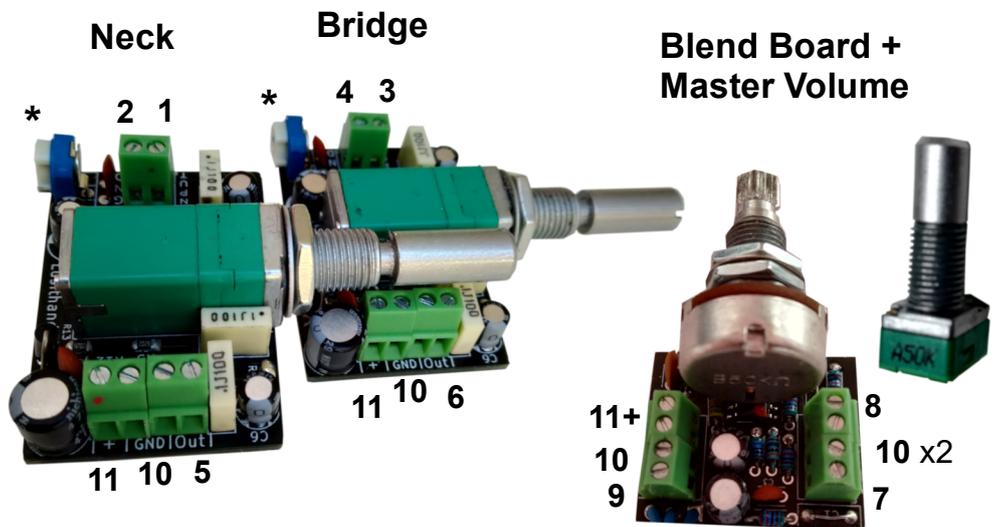
5: Output from Neck board connects to 7, mix input for Neck.

6: Output from Bridge board connects to 8, mix input for Bridge.

9: Master output connects to Stereo Jack Tip.

11 and 11+: These are the power connectors. Connect them all together. 11+ has two connectors to connect Battery Red wire and share the power with the other boards.

**Note:** Black wire from battery connects to Ring on Stereo output Jack.



10: These are Ground connectors. There are seven connectors in total, not counting with grounds for pickups, to ground all your earths. Don't forget to wire earth wire coming from the bridge. When all earths/grounds are wired, connect to Sleeve on Stereo output Jack.

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