



Double NFP-Special

The NFP-Special preamp is an evolution of the NFP but designed specifically for Multicoil pickups that benefit from a one humbucker per string type of connection. The idea was to get an Humbucker pickup with one pair of coils per string (horizontally) and combine them electronically for maximum pickup performance and string isolation. This method of mixing the coils brings maximum output, clarity and punch of the pickups without any adverse loading effects. The pickup then goes through the tonal enhancer part of the circuit where the filter preamp works its magic.

The potentiometer has a sweepable frequency that ranges from 150hz to 4.5 khz. You can also Boost the center frequency by pushing down on the potentiometer.

The preamp runs between 9/18 volts and it has a current draw of +- 10.5 mA. It offers 6x inputs so that you can wire any pickup up to 6 strings.

Dimensions:

Filter boards x2: W: 5,1cm; H: 2,7cm; D: 1.5cm

Potentiometers: Hole size is 6,5 mm, and bush height is 10mm.

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

1: 6x Input for Neck pickup.

2: Ground for Neck pickup plus shielding.

3: 6x Input for Bridge pickup.

4: Ground for Bridge pickup and shielding.

* 5x overall gain adjust trim

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

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

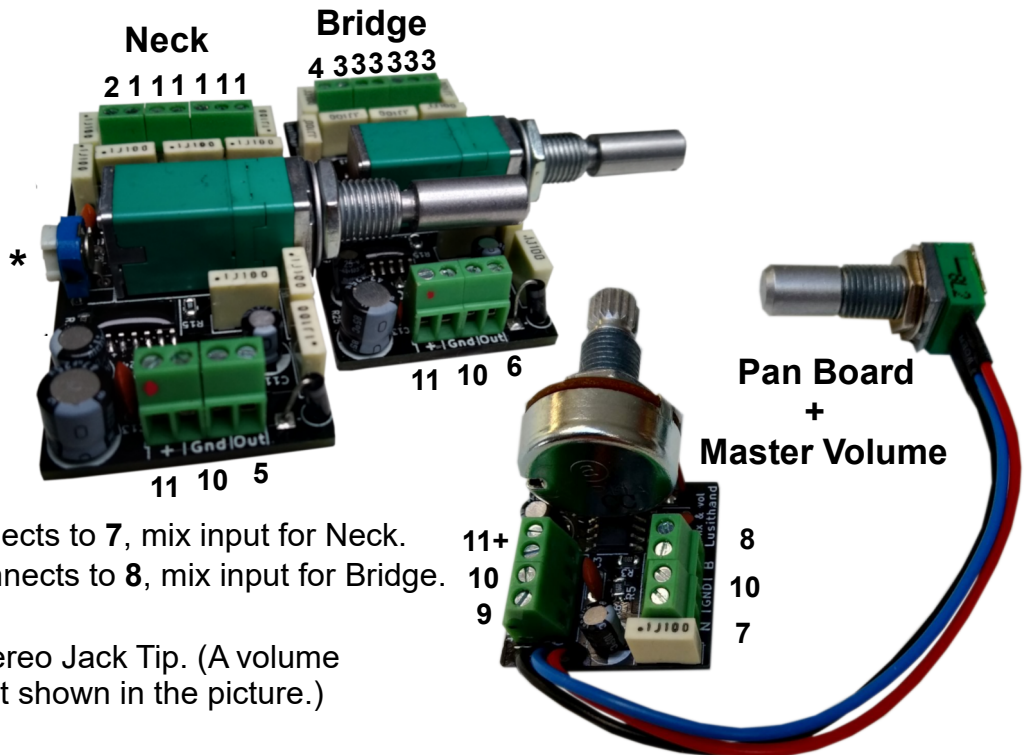
9: Master output connects to Stereo Jack Tip. (A volume Potentiometer is included but not shown in the picture.)

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.

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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.