Double NFP-Special MKII

The 'Double NFP-Special MKII' preamp was, specifically, designed to use with Multi-coil pickups that benefit from a "one humbucker per string" coil wiring. The idea was to get an Humbucker pickup with one pair of coils per string and combine them electronically for minimum loading effect and maximum string to string isolation. This method of mixing the coils brings maximum output, clarity and punch out 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 filter potentiometer has a sweepable **resonant peak** that ranges from **100hz to 2.5 khz on the NECK** and from **200hz to 2.5khz on the Bridge** . You can also **boost** the cutoff frequency(resonant peak) by **pulling up** on the potentiometer.

The Volume potentiometer has an '**Attack**' function, via push-pull switch, that allows to boost a narrow set of Treble frequencies. The gain, for this function, can be adjusted on the '**Attack**' gain trimpot located on the Blend board.

The preamp runs from **9** to **27** volts and it has a current draw of +- 3.4 mAh(9v). It offers 6x inputs so that you can wire any multicoil pickup up to 6 strings.

Dimensions: **Filter boards x2**: W: 4,4cm; H: 2,6cm; D: 1,7cm
Potentiometers: Hole size is 6.4 mm and bush height is 10mm. (to be used with 6.4mm knobs)
Blend board x1: W:3.6cm; H: 2.35cm; D: 1.5cm

Installation Tips

ºThese potentiometers have a small profile and are not very robust; please be sure to create a **solid base** for these to sit on, to prevent the pots from sinking into the wood (i.e. use another washer between the potentiometers base and the wood).

ºWhen putting the nuts into the potentiometers, to prevent breaking the thread, **DO NOT FORCE** these in. If necessary turn the nuts around and give it another go, but gently.

ºTo avoid mechanical failure of the Filter boards, **do not overtighten** the nuts on the potentiometers when mounting the preamp.

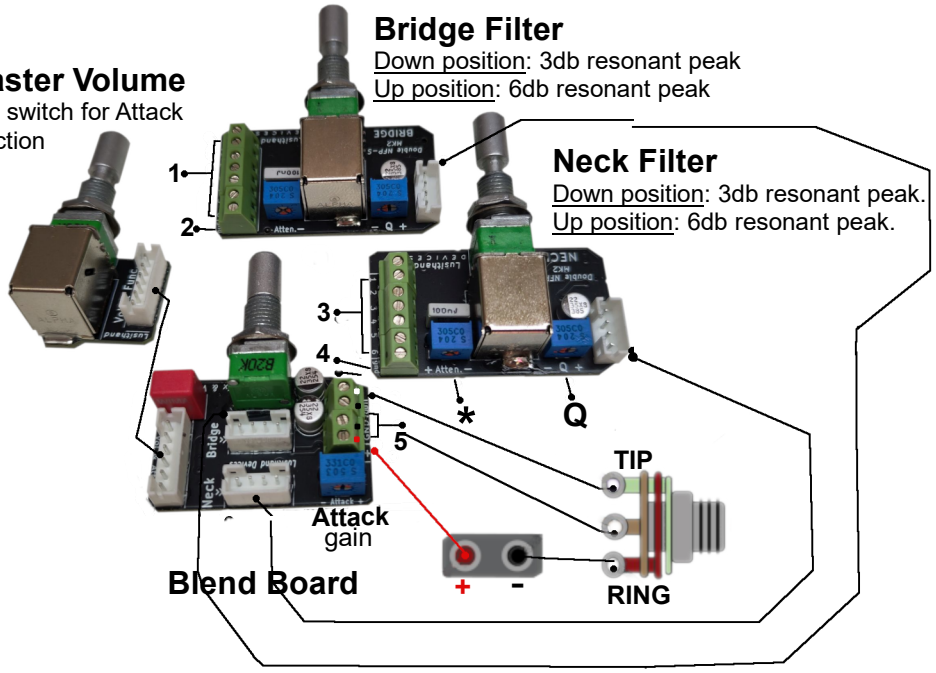
1: 6x Input for Neck pickup.

2: Ground for Neck pickup plus shielding.
(Check wires with pup manufacturer)

3: 6x Input for Bridge pickup.

4: Ground for Bridge pickup and shielding.

5: 2x ground connectors to connect all your grounds such as shielding, bridge and **Sleeve** from stereo Jack.



'**Attack**' gain: Adjust the gain level of your Treble attack function.

***'Atten':** if pickups are too hot, causing clipping, use these trimmers for attenuation. It shipps set to 0 attenuation.

Q: increase the resonance for each filter using these trimmers labelled 'Q'.

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Warranty and Conditions: Any of our products, that are defective, will be replaced/ fixed and all expenses will be covered once it has been verified that the problem isn't a result of bad handling or negligence on the owners part. If the damage is due to negligence or wrong handling, warranty is lost and a cost can ocurr for the devices repair (the shipping costs will not be covered on such cases).
Warranty is valid for 2 years after the date of purchase.