



## Double NFP MKII

The 'Double NFP MKII' is a filter preamp like the ones seen on basses like the Alembic or Wal.

Being low-pass filters, it lets all bass frequencies pass through up to 2.5Khz where it starts cutting. The cutoff point has a resonant peak that can be boosted by pulling-up on the potentiometer. The potentiometer also allows you to sweep the cutoff point(resonant peak) within a range of **100Hz to 2.5khz** on the **Neck** and **200Hz to 2.5Khz** on the **Bridge**.

The 'Double NFP MKII' has one filter per pickup, offering more tone shaping options, that are actively mixed through the pan/blend potentiometer and into a Master volume potentiometer.

The Master Volume has a push-pull function, labelled '**Attack**', which boosts a narrow set of Treble frequencies. The gain for the '**Attack**' function can be set with the '**Attack**' gain trimpot on the Blend board.

**Operation:** 9 to 27volts    **Current Draw:** +- 2.9 mAh

**Dimensions:**    **Filter boards x2:** W: 3.3cm; H: 2.3cm; D: 1.7cm  
                          **Potentiometers:** Hole size is 6.5mm, and bush height is 10m, (use with **6.4mm** knobs)  
                          **Blend board x1:** W: 3.9cm; H: 2.5cm; D: 1.3cm

### Installation Tips

°These 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 pot from sinking into the wood (i.e use another washer between the potentiometer's base and the wood of the instrument).

° When putting the nut 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.

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

°When the **battery starts dying** you might experience strange noises coming from the preamp. This doesn't mean it's broken, it means the battery no longer carries the juice to power the system and it is time to replace it for a fresh one.

°Avoid leaving your jack plugged in when not using the instrument and make sure you're using a Stereo Jack socket so ensure your battery will last longer.

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

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

- 5: 2x Gnd connectors. Run one wire to the Sleeve of the stereo Jack. Use the extra connector to ground your bridge and shielding.

### Master Volume

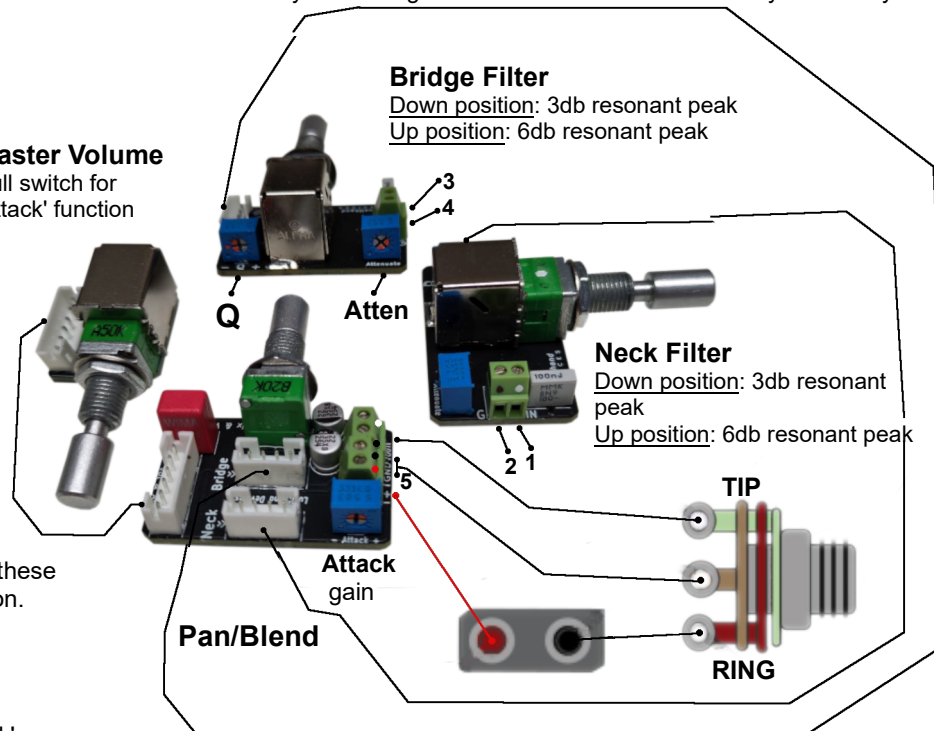
Pull switch for '**Attack**' function



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

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

'**Attack**' gain: adjust the gain level of the treble '**Attack**' function.



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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 occur 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.