



## 800BMF

### Dual stacked preamp plus Active Blend and Master Volume

The **800BMF** preamp borrows the EQ section of the famous GK800RB amplifier and squeezes it into an onboard preamp while making it lower impedance through-out for quieter operation.

The **800BMF** is a **full version** of the 800BM which includes an Active Blend control and Master Volume making this a fully active preamp. (no passive operation possible)

Being a Boost-Cu **4 bandt** preamp, the **Hi-mid** and **Treble** controls are highly interactive; same goes for the **Lo-Mid** and **Bass** controls and together with the Contour switch allows for a pallette of sounds at the tip of your fingers.

Another great feature is the '**Contour**' switch which is accessible, on the 800BMF, via a push-pull switch on the Volume control.

The preamp is set for approximate unity gain and there is a Gain trimpot that allows for a little bit of boost on the overall audio signal.

An important feature of this preamp is the ability to choose how you want your stacked potentiometers to function since these have connector cables. It is up to you if treble goes on top or bottom of the potentiometer or if you want to pair the Hi-mid and Treble on one pot and Lo-Mid and Bass on the other, it is, ultimately, your choice.

The potentiometers are labelled "top" and "bottom" while, on the motherboard, "Hi-mid"; "Lo-mid"; "Treble" and "Bass" are also labelled for an easy and intuitive installation.

**Potentiometers:** x2 dual concentric (10mm bushing height, 8mm  $\varnothing$ ) **top** = 6mm  $\varnothing$ ; **bottom** = 8mm  $\varnothing$   
 x1 Blend\_6.35m  $\varnothing$  (use with 6.35mm knob) x1 Volume (with contour switch)\_6.35mm  $\varnothing$  (use with 6.35mm knobs)

**Blend Board:** 25 x 32.5 x 14mm

**Main Board:** 27.5 x 57.6 x 12.5mm

**Installation and Warranty:** This is a solderless preamp. Any tampering with the preamp (ex: soldering or unsoldering directly on the preamp or any of its components) can result in Warranty void.

**Installation Tip:** For proper function of the preamp, do not twist the provided cables as this can put stress on the connectors and create a bad contact.

**Treble:** Boost and cut 4khz  
**Bass:** Boost and cut 60hz  
**Volume + Contour:** Pre-shape EQ (mid scoop) via push-pull switch

**Hi-Mid:** Boost and cut 1khz  
**Lo-Mid:** Boost and cut 250hz  
**Gain trim:** Boost the overall audio signal  
**Blend control:** active blend

**Voltage:** 9 to 27VDC  
**Current Draw:** +- 6mAh (9v)

