

User's Manual

Baltic Blue Fuzz (BJF design)

Thank you for your purchase of the Baltic Blue Fuzz by One Control.

- **Description:**

The Baltic Blue Fuzz Pedal recreates the recognizable vintage muff/fuzz tone, while producing a crisp sound without sacrificing the effect.

The Baltic Blue Fuzz circuit is not a Big Muff clone but shares a similar topology. Some of the tones modern guitarists seek in Big Muff are those similar to the Triangle and Ram's Head. Despite the difference in actual devices, the Triangle and Ram's Head have almost identical circuits and their tones are very similar as well.

Reproducing the vintage fuzz tone is something all builders in the world are working on now. If they want to replicate the old time sound, they need to be very specific about the vintage NOS components, housing, pots, and circuit patterns.

One Control BJT series used an overwhelmingly small housing to provide an effect that has a renowned BJT circuit. We think it's important to create a model that is universal and easily available in any situation. BJT combined multiple amplifying stages and filters when designing the Baltic Blue Fuzz. Although the idea behind this design is from Big Muff, he used an Op-Amp in order to ensure stability and match modern components.

Imagine the initial Big Muff tone combined with the sounds associated with the Triangle and Ram's Head. This combination can be found when playing the Baltic Blue Fuzz. The Baltic Blue Fuzz is a pedal for creating a vintage muff sound but at the same time emphasizes the crisp sound that comes forward. Thus, while maintaining the same gain range as the vintage Big Muff, adjustments were made to ensure a slightly tighter and lower gain than the original. It was tuned to be used with electric guitars and filtered to create powerful feedback tones. It is free of the ``peakiness`` that is common among vintage fuzz pedals .

BJT added Tone control to the Baltic Blue Fuzz that is incomparably easier to use than the vintage original model. It is designed in a way so that guitar tones can be adjusted in the full knob range without being destroyed. It is also highly responsive and knob movements are reflected immediately. With the Baltic Blue Fuzz, just turning the Tone knob lets you find the sound you want.

- **Controls:**

Sustain: Adjusts the intensity of distortion/fuzz.

Tone: Adjusts the high frequencies of the output signal.

Vol: Adjusts overall signal volume.

Footswitch: Engage or bypass the pedal (Truebypass)

- **Specifications:**

Input Impedance: 1M

Output Impedance: <2K

Power supply: Negative Center DC 9V or 6F22 Battery.

Current Draw: 6mA

Dimensions: 39(W)x100(D)x31(H)mm 2.41(W)x4.41(D)x1.26(H)Inch

Weight: 160g 5.64oz.