SKREDDY PEDALS™

PERESTROIKA

Early 90's Russian style muffy distortion

Note that the distortion is set up to allow the low bass frequencies to pass through un-clipped -- this will give you a clean blend in the low frequencies. This is a distinguishing feature of the early green and civil war version Russian Big Muff pi.

I have added a very mild modification to this circuit that makes it just a tiny bit more zingy and creamy and adds a bit of sustain. If you prefer the stock hollow, punchy, lacking-sustain sound better, it would be a simple matter of removing the extra 500pf capacitor soldered to the back (solder) side of the PCB. You can't miss it if you just remove the knobs and nuts from the pots and pull out the circuitboard. But even with the mod in place, this circuit is still within the natural variance/tolerance of typical capacitors; it's a very subtle and tasteful mod.

SUSTAIN: This controls the intensity of the fuzz and sustain. Different distortion character will come from different settings of this knob. You can go from dark and grungy to hot and fuzzy.

VOLUME: This sets the output volume. I've used a linear taper on this one (like the original), which will set unity gain at just a bit above 9:00 o'clock. This arrangement allows for a very smooth and gradual control over how much boost you want to give it past unity gain.

TONE: The stock tone stack on the green/civil war Russians is reproduced here. It is a scooped-mids setup, with 4.5db scoop centered at a little bit higher than 1kHz. You will find the even balance between bass and treble at a little bit higher than noon on this version of the BMP tone stack. Part of this is due to the design of the tone stack itself, and part is because of the un-clipped bass frequencies passed through from the distortion sections.

Mids Switch: This is the tiny toggle switch at the top, and it sets the midrange content. Toward the left, you get the stock Russian BMP mids scoop. Flick the switch to the right, and you get flat mids with all the articulation and in-your-face mid frequencies you might need for cutting through a live mix.

Power

All Skreddy Pedals accept the industry-standard 9v DC plug (5.5mm barrel x 2.1mm center coax), with the center being negative and the barrel being positive. Please use a quality, regulated, filtered power supply.

9v battery is not included. To install or change a battery, remove the bottom cover using a Phillips screw driver. To prevent a battery (if you use one) from draining while the pedal is not in use, remember to un-plug the input cable from the pedal's input jack. The battery is also disconnected from the circuit when an adapter is plugged into the DC jack.

Power consumption: ~2mA @ 9 volts

Service

Email Skreddy Pedals at marc@skreddypedals.com if your pedal needs repair.