

Reuss Copenhagen Bender

Super great sounding 1960s germanium fuzz circuit based on the tonebender mark 1.5, built with NPN germanium transistors for the convenience of modern power polarity

Controls

- 'LEVEL' sets the output level of the effect sound
- 'ATTACK' sets the amount of fuzz. The circuit of the pedal interacts very well with your guitar's volume control, allowing you to reduce the fuzz intensity by rolling down you guitar's volume.

Footswitch

- Switches the effect on and off, indicated by the orange LED (mechanical true bypass)

Connectors

- 'IN' is the input of the pedal. Connect your instrument here
- 'OUT' is the output. Connect your amp here
- The 9V DC connector is for a standard guitar pedal 'negative centre'-type jack. ONLY use this type. Reversing the polarity can damage the pedal. The pedal can also run on a 9V battery (not included)

Please note: The unit is drawing power from the battery, when there is a jack in the input connector. Always remove the input jack when the pedal is not in use, if you are running it with a battery

Also please note: Being a vintage circuit, the fuzz wants to see a high impedance input signal to sound correct. Any low impedance signal from a buffered bypass pedal (like a Boss or Ibanez or similar type) will make the fuzz sound wrong. It will loose punch and fullness and sound thin and fizzy. Not as intended. Always put a vintage fuzz-circuit (tone benders, fuzzfaces etc.) first in your chain

Specifications

- Vintage 1960s tonebender mark 1.5 fuzz schematic built with ultra-rare vintage new old stock 1960s OC140 germanium transistors. Each set of two transistors are carefully matched by Anders Marcuslund-Reuss
- The transistors are 'NPN' which makes the pedal run on modern, pedalboard friendly 'negative ground' power polarity (contrary to vintage original pedals and most modern PNP recreations which features positive ground / reverse polarity)
- Extremely high build quality. Completely handmade in the European Union
- No SMD parts. Only vintage-style 'through hole' construction
- Compact aluminium enclosure with a textured white and gold powder coat finish and silk screen printed graphics
- High quality Neutrik jacks, wired by hand



- Mammoth Electronics upgrade quality footswitches (good for at least 15000 stomps)
- Runs on a standard 'Boss-style' 9V DC guitar pedal power supply or a 9V battery
- Power consumption 7 mA

Battery access

- Remove the four screws at the bottom side of the pedal with a philips head screwdriver to remove the bottom plate and gain access to the battery

Warranty

- All Reuss pedals comes with a limited 24 months warranty against manufacturing faults
- The warranty is not covering normal wear and tear or abuse