

User manual

Reuss Repeater Fuzz mk III

Resume

- The Reuss Repeater Fuzz mk III is a compact four-in-one multi-effects pedal, featuring three vintage circuits found in 1960s Vox brand guitars with built-in effects. The fourth effect is a powerful and great sounding clean boost circuit, added to the pedal to compensate for the inherent volume loss of the vintage circuits.
- The signal path goes 'fuzz' into 'treble/bass booster' into 'repeat percussion' into 'clean boost'.
- The pedal features a pair of send/return jacks, forming a loop to connect a wah-pedal (or other effect) between the 'treble/bass booster' and the 'repeat percussion' circuits. This is where the palm operated wah effect of the old Vox guitars would sit in the signal chain.
- The three vintage effects are faithfully recreated, using the same 'tin can' BC108, BC109 and 2N2646 transistors as found in the old guitars.
- The pedal is to be regarded as a programmable multi-effect with a single master bypass (on/off) footswitch (true bypass). The four circuits all features individual true bypass switching, intended to pre-set your sound. Only the repeat percussion effect (repeater) has a dedicated footswitch.

Controls (right to left, from input to output)

- **'FUZZ'** controls the amount of fuzz from the fuzz circuit.
- **'TONE'** controls the treble/bass booster circuit. The bass is boosted when the knob is turned counter-clockwise, and the treble is boosted when turned clockwise. At any setting the treble/bass booster circuit will colour the sound.
- **'RATE'** controls the rate of the repeat percussion effect. The rate goes faster when the knob is turned clockwise.
- **'BOOST'** controls the amount of amplification of the clean boost circuit. **IMPORTANT:** By design the BOOST-control makes a noise when adjusted. This is NOT a malfunction.

Switches

- **'BYPASS'** footswitch turns the whole pedal on/off (regardless of which individual circuits are on/off), indicated by the blue LED.
- **'REPEATER'** footswitch switches the 'repeat percussion' effect in and out of the signal chain (if the master bypass footswitch is in 'off' mode, you will not hear the 'repeater' being turned on), indicated by the orange LED
- **'FUZZ'** toggle switches the fuzz effect in and out of the chain (if the master bypass footswitch is in 'off' mode, you will not hear the 'fuzz' being turned on), indicated by the green LED
- **'TONE'** toggle switches the 'treble/bass booster' circuit in and out of the signal chain (if the master bypass footswitch is in 'off' mode, you will not hear the effect being turned on), indicated by the yellow LED
- **'BOOST'** toggle switches the clean boost circuit in and out of the pedal's signal chain (if the master bypass footswitch is in 'off' mode, you will not hear the boost being turned on), indicated by the red LED

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 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. The three vintage circuits are all a bit noisy by design and the more individual effects you engage, the more the noise floor is raised. This noise will be amplified by the clean boost. It's the nature of the beast.

Connectors

- **'IN'** is the input of the pedal. Connect your instrument here.
- **'OUT'** is the output.
- **'SEND'** sends the signal from the output of the treble/bass booster into a loop intended to connect a wah-pedal.
- **'RETURN'** receives the signal sent from the SEND jack and connects it to the input of the 'repeat percussion' circuit.
- The **9V DC** connector is for a standard 'Boss-type' guitar pedal 'negative centre' power supply. Please note that due to the pedal's true-to-vintage circuit, modern 'switch mode' power supplies (SMPS) can induce a high pitched noise to the sound. I recommend using an old fashioned 'linear' power supply or a battery. I using a cheap Harley Benton 'Power Plant' pedalboard power supply (model 119603) from thomann.de when quality checking the pedals

Internal trimpot:

- The output level of the fuzz circuit can be adjusted at the trimmer potentiometer inside the pedal.



Features and Specifications

- Extremely high build quality. Completely hand-made in the European Union.
- Vintage-style 'through hole' construction.
- High quality, textured, sparkling powder coat finish in a dark charcoal grey colour.
- UV printed graphics.
- High quality Switchcraft and Neutrik jacks.
- Rugged upgrade quality footswitches (rated at a 50000 stomps life-cycle).
- Runs on a standard 'Boss-style' 9V DC guitar pedal power supply or a 9V battery. The pedal only works correctly with a 'linear' type power supplies.
- Current draw: 16 mA (everything 'on').

Battery

To access the battery, remove the bottom plate by using a correct size Philips head screwdriver to remove the four screws.

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.

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