

User manual

Reuss DB-01 Double Bender

The Reuss DB-01 Double Bender is a two-in-one pedal featuring two vintage fuzz circuits. Both based on the Tone Bender mk III. One made with germanium transistors and the other made with silicon transistors, each featuring its own distinct voice

Controls (all shared between the two circuits)

- 'ATTACK' is the distortion control. Turn it clockwise for increased distortion/fuzz.
- 'TONE' is the tone control. This is an active control which will change the tonal character of the pedal radically. Normal setting is in the middle. Turning the knob counter-clockwise makes the sound brighter and thinner and turning it clockwise makes the sound darker with a stonger low-end.
- 'LEVEL' is the level control. Turning it clockwise increases the output level of the pedal.
- All three controls works on both fuzz circuits, but the same setting will not give the same tone or the same amount of fuzz in the different modes. However, the level can be calibrated individually by the two trimmers inside the pedal (see small picture). They are labelled 'Ge' and 'Si' and adjusts the output levels of the individual fuzz circuits. These are set before shipment, but you might wish to adjust them to your own taste.
- The third trimmer inside the pedal is a bias-trimmer for the silicon fuzz circuit. This is also calibrated before shipment.

Switches

- The footswitch turns the effect on and off, indicated by the bi-colour LED pilot light.
- The '60s/70s' toggle switches between the germanium and the silicon fuzz circuits. '60s' mode is the germanium fuzz (indicated by a yellow pilot light when the pedal is 'on'). '70s' mode is the silicon fuzz (indicated by red light).

Connectors

- 'IN' is the input of the pedal. Connect your instrument here.
- 'OUT' is the output
- There is a 9V DC connector for an external power supply at top side of the pedal. This is 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 pedal 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 notice: 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

- Two fully independent vintage fuzz circuit. One germanium. One silicon. Both made with vintage new old stock transistors
- Negative ground circuit (due to the use of NPN transistors), which makes it possible to 'daisy-chain' the DB-01 with other



- pedals at your pedalboard
- Handmade in Denmark
- True boutique construction. Wired by hand.
- Upgrade quality footswitch (rated for 15,000 stomps) and Neutrik jacks
- Powder coated aluminium enclosure with silk screen printing
- Current draw: App. 20 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

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