

User manual

Reuss Gold Sounds Dual Overdrive

Two-in-one pedal containing two Reuss Ecstatic Overdrive circuits with a few extra features thrown in. This also makes it a 1990s BluesBreaker mk I based pedal. Or a KoT clone with extra options, not found in the original pedal

Controls (right to left, from input to output)

- 'DRIVE' is the overdrive control of the 1st circuit. Turn it clockwise for an increasing amount of overdrive
- 'TONE' is the tone control of the overdrive 1st circuit. Turning it clockwise makes the sound brighter
- 'LEVEL' is the level control of the overdrive 1st circuit. Turning it clockwise increases the output level
- 'DRIVE' is the overdrive control of the 2nd circuit. Turn it clockwise for an increasing amount of overdrive
- 'TONE' is the tone control of the overdrive 2nd circuit. Turning it clockwise makes the sound brighter
- 'LEVEL' is the level control of the overdrive 2nd circuit. Turning it clockwise increases the output level

Switches

- **Right side foot switch** turns the first overdrive effect on and off, indicated by the right side orange LED (true bypass)
- **Left side foot switch** turns the first overdrive effect on and off, indicated by the right side orange LED (true bypass)

Internal switches (left to right when looking inside the pedal)

- 'MOD/NORMAL' slide switch. This activates a mod to the DISTORTION setting in circuit 1, replacing the two 1S1588 diodes with four germanium diodes for a different, more distorted and more fuzzy sound. The lower distortion threshold of Ge diodes makes the output level a little less loud in this setting. The MOD has no function when circuit 1 is in DRIVE mode
- **Dual DIP switch, 1st circuit.** Lane 1 activates DRIVE mode. Lane 2 activates DISTORTION mode. Setting both to off puts the circuit in BOOST mode (all clipping diodes off). You can set both 'ON', but it will sound almost the same as DISTORTION mode
- **Dual DIP switch, 2nd circuit.** Lane 1 activates DRIVE mode. Lane 2 activates DISTORTION mode. Setting both to off puts the circuit in BOOST mode (all clipping diodes off). You can set both 'ON', but it will sound almost the same as DISTORTION mode (identical to 1st circuit)
- 'MOD/NORMAL' slide switch (far right). This activates a mod to the DRIVE setting in circuit 2, replacing the four MA859/MA856 with a hybrid MOSFET/germanium clipping arrangement. In this mode the overdrive has a bit more 'hair'. A bit less clean and tight
- The pedal ships with all mods off and 1st circuit in DRIVE mode and the 2nd circuit in BOOST mode

Internal trimmer

- **Left side trimmer** (when looking into the open pedal) is the presence control for the 1st circuit. Turning it clockwise makes the sound brighter
- **Rightside trimmer** (when looking into the open pedal) is the presence control for the 1st circuit. Turning it clockwise makes the sound brighter

Connectors

- **The right side jack** (when looking at the face of the pedal) is the input of the pedal. Connect your instrument here
- **The left side jack** is the output
- **The DC connector** is for a standard 'Boss-type' guitar pedal 'negative centre' power supply. ONLY use this type. Reversing the polarity can damage the pedal. The pedal handles 9-18V at the DC jack. You can also run it with 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

Features and Specifications

- Twin classic early 1990s mk I BluesBreaker circuits with popular KoT modifications and more
- Four vintage new old stock Panasonic MA859 diodes in each of the DRIVE circuits (Panasonic MA856s in the Special Edition)
- Two vintage new old stock 1S1588 diodes in each of the DISTORTION circuits (Toshiba brand in the Special Edition)
- Switchable mods featuring vintage new old stock USSR germanium diodes (unique to the Reuss pedal)
- Vintage new old stock JRC 4580D opamp ICs
- Extremely high build quality. Completely handmade in the European Union



- Powder coated enclosure in a root beer metallic finish with real silk screen printed graphics in gold ink
- Runs on a standard 'Boss-type' guitar pedal 9V power supply or 9V battery (not included). The pedal handles up to 18V from an external power supply for increased headroom.
- High quality Neutrik jacks
- Rugged upgrade quality footswitch (good for at least 50000 stomps)

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 come with a limited 24 months warranty against manufacturing faults. The warranty is not covering normal wear and tear or abuse

Circuit and design copyright 2021
Reuss Musical Instruments / Good Guy's Media & Music
DK-2860 Søborg, Denmark