

Reuss Square One Overdrive

Unique overdrive pedal based on the rare, late 1970s 'quad opamp' OD-1, offering a selection of extended features compared to the vintage original

Controls

- 'LEVEL' is the level control. Turning it clockwise increases the output level of the pedal.
- 'DRIVE' is the overdrive control. Turning it clockwise increases the amount of overdrive.
- 'HI CUT' controls a filter on the output, making it possible to dial off harsh high frequencies. Increased filtering as the knob is turned clockwise. The filter is very subtle. All the way down, there is no filtering (pure OD-1 sound).

Switches

- The footswitch turns the effect on and off, indicated by the orange LED.

Internal switches

- The black slide switch found at the left side of the circuit board switches between the original silicon diode clipping mode of the old OD-1 (up) and an alternative MOSFET transistor and germanium diode hybrid clipping option (down). The latter is warmer and has a bit more 'hair', and overall I think it is superior sounding. The silicon diodes are vintage correct rare old 1S1588s. The pedal ships in MOSFET/Ge mode, så you need to flip the switch if you want true OD-1 sound.
- Lane 1 of the 'DIP' switch sets the silicon diodes between asymmetrical (vintage OD-1) and symmetrical (tube screamer) clipping modes. The pedal is in symmetrical mode with the switch 'ON'. Pedals ships set to asymmetrical.
- Lane 2 of the tiny 'DIP' switch at the top left corner of the circuit board activates a 'fat' mode when set to 'ON'. This extends the low frequency reponse one octave down, which sounds more satisfying and 'full' when playing on your own, but you might find normal mode sits better in a band mix, or with a dark sounding guitar or amp. The 'fat' mode also makes the pedal useful for bass players. The switch works independently of clipping settings. Pedals ships with the 'fat' mode activated.

Connectors

- Right side jack is the input of the pedal. Connect your instrument here.
- Left side jack is the output.
- There is DC connector for an external power supply at the right side of the pedal. The pedal can be run at 9-18V. The DC connector 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

Features and Specifications

- Rare late 1970s 'quad opamp' OD-1 circuit with switchable mods
- Vintage new old stock Japanese made Nec UPC4741C opamp. The same as can be found in vintage pedals
- Three vintage new old stock Toshiba 1S1588 clipping diodes
- Two vintage new old stock USSR germanium diodes
- Extremely high build quality. Completely handmade in the European Union
- Powder coated enclosure in a seafoam green finish with real silk screen printed graphics
- 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



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.