

# Reuss Big Bender

Based on the 1970s jumbo tonebender pedal – which departed completely from the previous tonebender generations in circuit design. It's more like a muff-type fuzz, but still very different. Sharp, crisp and focused.

## Controls

- 'LEVEL' is the level control. Turning it clockwise increases the output level of the pedal.
- 'FUZZ' is the fuzz control. Turning it clockwise increases the amount of fuzz.
- 'TONE' is the tone control. Turning it clockwise makes the tone brighter.

## Switches

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

## Internal switches

- The 'TIGHT MOD' DIP-switch (located at the circuit board inside the pedal) activates a modification to the vintage circuit which tightens up the low-end and makes it less boomy. 'ON' is vintage mode and 'OFF' is the tight modification mode. The pedal ships in 'TIGHT' mode.

## 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 Big Bender can be run at 9-18V, but 9V is recommended. 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

- Vintage 1970s Jumbo tone bender circuit
- Inherent design flaws of the vintage circuit fixed. Improved output level, output buffer added and improved filtering of the power supply for reduced sensitivity to differential noise from modern 'switch mode' type power supplies
- Switchable 'tight mod' added for tighter and less boomy low-end. Pedals ships in 'tight' mode
- BC184 transistors (five pcs. versus three in the vintage original circuit )
- New old stock 1S2473 clipping diodes, which has a softer 'knee' than modern silicon diodes
- Extremely high build quality. Second to none. Completely handmade in the European Union
- Powder coated enclosure in Harley orange with real silk screen printed graphics
- Runs on a standard 'Boss-type' guitar pedal 9V power supply ('negative centre') or a 9V battery (not included). The pedal handles up to 18V from an external power supply. A high quality power supply is recommended as the pedal can be sensitive to 'common mode' noise from the power supply
- 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 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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