



RAW Mode: dynamic and powerful sound

BSR-1 Mode: modern and compressed distortion

B-Blend mix original low frequencies in parallel

Wide distortion range

Analog circuit combining LED and FET stages

High-performance op-amp

True bypass

MANUAL DEL USUARIO

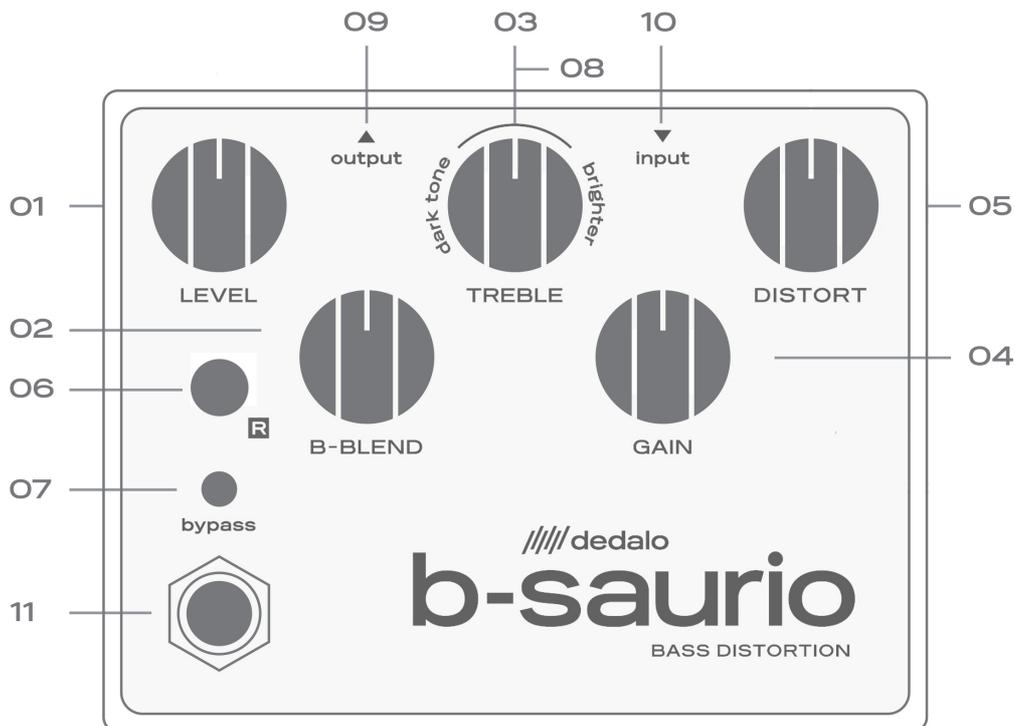
BSR-2 Rev 19/03/2026

Congratulations! You got the BSR-2 Bass Distortion!

The purest bass distortion sound returns with the second version of the B-Saurio. With its new RAW control, it expands its dynamic range and distortion spectrum. Thanks to its purpose-built circuit, along with its Gain, Distortion and B-Blend controls, the B-Saurio delivers a wide range of combinations and tonal variations, while preserving the instrument's core tone, presence and low end.

Essential for any style—from the most extreme metal to classic rock tones—add power to your bass lines with the B-Saurio.

Es todo, Utah!



Controls

01 – LEVEL: Output level of the effect.

02 – B-BLEND: Volume of the instrument's original low-frequency signal, mixed in parallel with the effect. The clean signal passes through a filter that preserves only the lowest frequencies, allowing precise control of the low-end impact at any distortion setting.

TIP: set the control to minimum for a juicy nasal tone. Adjust together with the Level control for proper balance.

03 – TREBLE: High-frequency control. Turn clockwise for a brighter, more open sound, and counterclockwise for a darker character.

04 – GAIN: Amount of gain at the input stage of the pedal. This stage focuses on low and mid frequencies, adding weight and growl.

05 – DISTORT: Gain of the distortion stage. It focuses on upper mid frequencies, allowing high levels of distortion in that range.

06 – RAW "R": Activa el modo RAW. En este modo, la estructura de clipping cambia a LEDs rojos, logrando una respuesta más dinámica y una saturación que se adapta a la intensidad de ejecución. Con el modo desactivado, el pedal opera en modo B-Saurio 1, con LEDs IR, para un carácter más moderno y comprimido.

07 – LED: Lights up when the effect is engaged.

08 - DC 9V: Power supply input, connect your dc adapter here.

09 – OUTPUT: Effect output, connect your amplifier here.

10 – INPUT: Effect input, connect your instrument here.

11 - TRUE BYPASS Engages and disengages the effect. The True Bypass system ensures the instrument's signal remains unaffected when the pedal is off.

TECHNOLOGY

The B-Saurio 2 is based on a multi-stage analog architecture in which distortion generation and spectral control are linked in interesting ways. The core of the pedal employs a clipping scheme using different types of LEDs (classic red or modern infrared), which then feed into a FET transistor stage. This allows for a more gradual and engaging response, with a texture that can vary depending on whether one stage, the other, or both are driven into saturation.

At the same time, the design incorporates the ability to further saturate the bass range within the stage controlled by the Gain knob, or mid-frequencies by the stage controlled by Distortion. This makes it possible to apply saturation variably according to the dominant frequencies and the instrument's own signal characteristics.

The original low-end content from the bass is preserved through an independent path, ensuring a solid and well-defined low-frequency range that remains unaffected by the saturation process. This parallel blending, combined with dedicated frequency control, allows precise adjustment of the interaction between body and texture.

The result is a circuit that not only amplifies and distorts, but actively shapes the instrument's spectral structure, offering a balance between depth, clarity, presence, and growl.

Use and care of the pedal

- To place a battery, remove the lid by removing screws.
- Use only regulated 9v dc adapter, with negative center polarity. In no way should be connected to 220V or adapters of other kinds.
- Avoid dropping, hitting or exposing the pedal to extremes of humidity or temperature.
- Disconnect the input when the pedal is not in use to avoid battery drain.
- Remove the battery if you don't plan to use the pedal for a long time.
- To clean the pedal, use a dry cloth.
- Do not remove the protective silicone legs, they protect the pedal from shocks and external pressures.

Problems and solutions

- *The LED lights up but there is only sound when the effect is in bypass:*
Make sure the instrument is properly connected to the INPUT jack, and the amplifier to the OUTPUT jack.
- *The indicator LED doesn't light up:*
The pedal is not connected to a working DC adapter, or to a charged battery.
- *The effect is too weak, or the sound is unduly saturated:*
Put a new battery or try an appropriate DC adapter. If the pedal is connected in a loop, check its send and return levels.
- *The pedal makes a high pitched whine:*
The battery has insufficient charge.
- *The pedal makes a low pitched hum:*
Feed the pedal with a regulated dc adapter of sufficient amperage
- *The sound cuts out intermittently:*
Check connections and cables.

Technical specifications

BSR-2 – 2026 Model

Current draw: 25mA

Input impedance: 750Kohm

Power supply: DC 9v center negative or 9v alkaline battery

Dimensions: 12cm x 9.4cm x 5.4cm

Weight: 475gr

Terms of warranty

- The warranty is only valid for the original owner for 2 years from the date of purchase.
- The warranty must be requested on the trade where the pedal was acquired.
- DEDALO ensures that the pedal is free from defects in materials and workmanship.
- DEDALO will choose to repair or replace any faulty piece on the pedal at its sole option.
- Failures due to accident or misuse are not covered in the warranty.
- DEDALO is not responsible for any loss or damage the user may suffer as a result of using the pedal.
- Batteries or power adapter are not included in the warranty.
- In this pedal there is no piece that could be repaired by the user. The repair or modification by personnel not authorized by DEDALO will void the warranty.
- Shipping or other fees that may arise, are not covered by warranty

Register your pedal

<https://www.dedalofx.com.ar/world/register>



Buenos Aires, Argentina

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