TOLRED PEDAL

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TolRed Pedal is an independent brand that designs and manufactures professional-grade effect pedals for guitar players. The brand offers original solutions in both electronic circuit design and mechanical construction. Each pedal is built with high-quality components and is individually tested before being delivered to the user.

The product range covers a wide spectrum of tones — from clean signal boosters to high-gain distortion pedals, from classic fuzz textures to utility units offering precise control. The pedals are designed for reliable use on stage, in the studio, and at home. With the exception of the Germanium Fuzz model, all TolRed pedal circuits are original designs and do not involve cloning or copying.

The Germanium Fuzz model is based on the original Tone Bender MK2 design but has been enhanced with added innovations. All TolRed pedals (excluding the Germanium Fuzz) operate on 9 to 15V AC or DC power and feature polarity-independent systems, offering flexibility in power supply choice.

Each pedal is housed in a rugged metal enclosure. The 1.5 mm thick metal body is built to withstand the demands of live performance. Its ergonomic dimensions allow for efficient use of pedalboard space, and the mounting holes on the underside enable secure attachment to pedalboard systems.

TolRed products are designed for guitarists who seek classic analog tones with the reliability required in modern stage and studio conditions. Each model delivers a high-end experience in terms of clarity, responsiveness, and tonal control.

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BOOSTER



Controls : **Footswitch, True Bypass**
Boost Potentiometer

Indicator : **Red LED light**

Connectors : **Input Jack – 6.3mm mono jack**
Output Jack – 6.3mm mono jack
Power Jack – 5.5mm x 2.1mm

Power Supply: 9V Battery 9V–15V AC/DC adapter
Compatible with all standard adapters
Polarity-independent operation
Power adapter not included

Width : **95 mm**
Depth : **60 mm**
Length : **130 mm**
Weight : **475 g**

TolRed Booster is a low-noise, high signal-accuracy boost pedal with a transparent tonal character.
This compact design is controlled via a single potentiometer and is optimized to increase signal level without altering the core tone.

When the boost control exceeds approximately 75%, subtle clipping is introduced, adding a mild drive texture to the sound.
Thanks to this design, the pedal offers flexible use as both a clean booster and a dynamic overdrive-style tone enhancer. It adapts well to all musical styles.

The pedal is housed in a rugged metal enclosure, suitable for both stage and studio use.
Its wide operating voltage range and polarity-independent power input ensure compatibility with various power supplies without issue.

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OVERDRIVE



Controls : Footswitch, True Bypass
Level Potentiometer
Tone Potentiometer
Gain Potentiometer

Indicator : Red LED light

Connectors : Input Jack – 6.3mm mono jack
Output Jack – 6.3mm mono jack
Power Jack – 5.5mm x 2.1mm

Power Supply: 9V Battery or 9V–15V AC/DC adapter
Compatible with all standard adapters
Polarity-independent operation
Power adapter not included

Width : 95 mm
Depth : 60 mm
Length : 130 mm
Weight : 475 g

TolRed Overdrive is a responsive analog overdrive pedal featuring a wide gain range. At lower gain settings, it functions as a clean and full-bodied booster, while at higher settings, it transitions into a saturated and aggressive overdrive character. This flexible structure allows for both dynamic clean tones and rich breakup. The pedal's tonal profile emphasizes midrange frequencies, enabling guitar solos to cut through the mix effectively. Its transparent nature helps preserve the natural character of the amplifier it's paired with. Designed with simplicity and ease of use in mind, the pedal offers the versatility to meet the needs of guitarists across various musical styles.
From those seeking vintage-inspired warmth to players demanding strong modern drive tones, it appeals to a wide range of users.

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DISTORTION



Controls : Footswitch, True Bypass
Level Potentiometer
Tone Potentiometer
Distortion Potentiometer

Indicator : Red LED light

Connectors : Input Jack – 6.3mm mono jack
Output Jack – 6.3mm mono jack
Power Jack – 5.5mm x 2.1mm

Power Supply: 9V Battery or 9V–15V AC/DC adapter
Compatible with all standard adapters
Polarity-independent operation
Power adapter not included

Width : 95 mm
Depth : 60 mm
Length : 130 mm
Weight : 475 g

TolRed Distortion is a high-gain analog distortion pedal with a powerful and saturated breakup character. It offers an ideal tonal structure for metal, hard rock, and other high-intensity musical styles. Its overall tone leans toward a classic "old school" distortion sound, but with the flexibility provided by its gain, tone, and level controls, it adapts easily to modern genres as well.
At higher gain settings, it delivers an aggressive, powerful, and clearly defined tone, while the tone control allows for precise shaping of the frequency response.

The pedal's responsive design reacts sensitively to playing dynamics, making it capable of producing clear, articulate solos as well as thick, heavy tones for riffs and rhythm parts.

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GERMANIUM FUZZ



Controls : Footswitch, True Bypass
Level Potentiometer
Bias Potentiometer
Attack Potentiometer

Indicator : Red LED light

Connectors : Input Jack – 6.3mm mono jack
Output Jack – 6.3mm mono jack
Power Jack – 5.5mm x 2.1mm

Power Supply : 9V Battery or 9V DC adapter
Center-negative only
Polarity-sensitive
Power adapter not included

Width : 95 mm
Depth : 60 mm
Length : 130 mm
Weight : 475 g

TolRed Germanium Fuzz is a redesigned version of the classic Tone Bender MK2 circuit, built with NPN germanium transistors. The legendary Tone Bender is regarded as one of the most iconic pedals that helped shape the distinct fuzz tones of rock and blues music since the 1960s. While this pedal preserves the same tonal tradition, it also incorporates modern improvements to meet contemporary performance needs. The original Tone Bender MK2 featured two potentiometers (volume and attack), whereas the TolRed Germanium Fuzz adds a third control: bias. The bias potentiometer adjusts both the output character and the tonal balance of the pedal. At lower bias settings, the tone leans toward a softer, vintage-style distortion; as the bias is increased, the pedal transforms into a more aggressive and cutting fuzz. Unlike other TolRed models, this version operates only with a 9V DC center-negative adapter and is polarity-sensitive (standard pedal power configuration). The circuit design and component selection are optimized to deliver warm, organic, and dynamic fuzz tones. Housed in TolRed's signature durable metal enclosure and crafted with hand-built quality, this pedal is designed for players seeking both vintage authenticity and modern tonal flexibility.

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KILL & VOLUME



Controls : Kill Switch
Volume Potentiometer

Connectors : Input Jack – 6.3mm mono jack
Output Jack – 6.3mm mono jack

Power Supply : Does not require external power

Width : 95 mm
Depth : 60 mm
Length : 130 mm
Weight : 475 g

TolRed Kill & Volume is a passive control pedal set designed to manage output level and allow instant signal muting during performance. The pedal combines two core functions: volume adjustment and a kill switch. The volume potentiometer enables gradual attenuation of the output level, allowing the guitarist to control volume directly from the pedal without altering amplifier or pedal gain settings. When turned all the way down, the signal is fully muted, resulting in complete silence. The foot-operated kill switch temporarily cuts the signal while held down and restores it immediately upon release.
This function is ideal for creative muting effects, stutters, or intentional silences in live performances.
It allows for easy execution of rhythmic signal interruptions on the fly. As a fully passive circuit, the pedal requires no power supply and can be seamlessly integrated into any pedalboard or instrument setup.

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BATTERY BENDER



Controls : Power Switch
Voltage Potentiometer

Indicator : Red LED light

Connectors : Input Jack – 5.5mm x 2.1mm
Fixed connector
Output Jack – 5.5mm x 2.1mm
Wired connector

Power Supply: 9V Battery or 9V–15V AC/DC adapter
Compatible with all standard adapters
Polarity-independent operation
Power adapter not included

Width : 95 mm
Depth : 60 mm
Length : 130 mm
Weight : 475 g

TolRed Battery Bender is a voltage-limiting module designed to influence the character of analog pedals. Thanks to its built-in voltage drop circuit, it restricts the incoming voltage in a controlled manner, altering the pedal's operational behavior within its circuit limits. This feature is particularly effective for creating the tonal qualities of a "dying battery," especially in older or more sensitive analog designs. Battery Bender is used to introduce low headroom, saturation, and enhanced responsiveness to playing dynamics. While this effect is most pronounced with certain vintage-style fuzz or high-gain distortion and overdrive pedals, it can yield creative and useful results across a wide range of analog pedal types. The unit does not interfere with the signal path directly; instead, it alters the electrical behavior of the connected pedal by adjusting its power supply voltage. In this way, Battery Bender adds character without adding any coloration or noise to the audio signal. Its operation is extremely simple, making it an ideal utility for guitarists in search of unique and responsive tones.