



Owner's Manual

Congratulations on your purchase of TEN Effects Stereo Buffer, exclusively from Bananas at Large.

My name is Ryan Dunn, and I built this pedal, with my own hands. I soldered, sanded, polished and tested it. I want your experience to be perfect, and that means my product has to exceed your expectations. Every unit gets my full attention, and my only hope is that you love it as much as I do.



I've sought out the very best components I could find; From the knobs, down to the feet, every single part was chosen for its superior quality and durability.

Designed and manufactured in Washington state, All TEN Effect pedals are created with the working musician in mind. It's not just the sound that makes a great piece of gear, it's the versatility and the durability that gives it staying power.

This is my creation. It is part of me, and I stand behind it.
100%.

Features and Controls ❖

The TEN Effects Stereo Buffer was designed to address a common problem known as 'tone suck'.

Most passive instruments have a relatively high-impedance output. Unfortunately, capacitance resulting from the dielectric created by your cables, combined with non-ideal inputs in your signal path can result in loss of higher frequencies.

And it doesn't take much - the capacitance formed by a standard instrument cable is roughly 40pF per linear foot.

The TEN Effects Buffer converts a Hi-Z (high impedance) signal to Lo-Z (low impedance), effectively negating the effects of the capacitance formed by your cables.

The TEN Effects Stereo Buffer is a True-Bypass effect - this means the signal is mechanically routed around the active circuit. Both the mono and stereo outputs are bypassed in this manner.

The enclosure is rugged, with a custom anodized aluminum faceplate and laser-etched graphics, designed to withstand years of use.

Technical Specifications:

Power Requirement: 9V, DC

Power Connector: 2.1mm barrel

Polarity: Tip/Neg + -Ⓞ -

Audio Connector: 1/4" phone

Current Draw: ~30mA

Dim: (h)4.4" x (w)2.6" x (d)2.1"

❖ Features and Controls (cont.)

- 1. Input** - signal from instrument. This requires a standard 1/4" connector. Inserting a 1/4" plug will connect the negative (-) power terminal to ground, effectively turning the power to the unit 'on'.
- 2. Mono Output*** - mono signal to amplifier.
- 3. Mono Output*** - mono signal to amplifier.
- 4. On/Off** - switches the effect on and off.
- 5. DC Power Jack** - connects to a 9V DC power supply.

* This device features 'True-Stereo Bypass', meaning both outputs are usable, regardless of the device's on/off status.



TEN Effects Stereo Buffers are not individually serialized.

Connection Guide

To prevent malfunction and/or damage to speakers, turn off the power on all devices before making any connections.



Ideally, most effects will be placed AFTER the buffer - if possible, it should be the first piece of gear in your signal chain, after your instrument.

However, some effects such as wah and fuzz have extremely low impedance inputs, and those effects usually sound better when connected to a high-impedance signal. This can be accomplished by simply turning the effect off.

❖ Troubleshooting

When troubleshooting, remove everything non-essential from the signal chain. Starting with just an instrument, pedal and amplifier will eliminate possible points of failure and speed up the troubleshooting process.

No sound in Bypass

Check Input & Output connections
Check cables, swap if necessary
Check volume/output on instrument

Note: In the event of a loss of power, your effect pedal will automatically revert to 'Bypass' mode.

No sound when Effect is engaged

Is the LED indicator on?

Yes: Check Input & Output connections

No: Check power supply, swap if necessary

Effect is distorting

Is the instrument active?

Yes: Dial back the instrument volume

No: Check the power supply for malfunction

Warranty and Contact Information ❖

Warranty

All TEN Effects come with a Limited Lifetime Warranty for the original purchaser.

I guarantee that your pedal will be free of defects in workmanship for the life of the product.

I also guarantee the continued operation of all components for a period of five (5) years from the date of purchase. Within this five year period TEN Effects will repair (or replace, at our discretion) any pedal that ceases to function properly as a result of faulty materials.

This warranty can be voided by any of the following:

- ◆ ***Removal or replacement of any component***
- ◆ ***Prolonged exposure to elements***
- ◆ ***Abuse above and beyond normal wear and tear***
- ◆ ***Application of incorrect power supply***

No pedal showing signs of abuse and/or modification will receive warranty service. All requests for warranty service must be accompanied by documented proof of purchase. This warranty is non-transferable.

Contact Information:

Please send all requests for service to:

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