



AXSGTR® | Axess Electronics™

User Manual

UNZ1™ UN-BUFFER

The UNZ1™ Un-Buffer allows [Ge] germanium fuzz pedals and other impedance sensitive effects to play and sound right when placed in a signal path or used after, a buffer, wireless, another pedal, or even a guitar with active pickups.

Guitars and analog effect pedals have a dynamic and interdependent relationship. When two devices are connected together, the signal that passes between them, and what is produced, is a unique result of the characteristics of those two devices. So, you cannot substitute either device and expect the exact same results, but you can get quite close! The UNZ1™ will get you there by making your [Ge] germanium fuzz or other impedance sensitive effect think it has a guitar connected directly to its input.

For the many benefits of using buffers, see our Compatt/A™ and Compatt/O™ Buffers, and our Compatt/X™ Unity+™.

I/O DESCRIPTION

BLU/GRN LED indicates the UNZ1™ Un-Buffer is receiving power, when it's illuminated.

INPUT is a ¼" TS (tip-sleeve) jack that accepts a buffered (low impedance) instrument level guitar signal from either a buffer, wireless receiver, guitar with active pickups, or an effect pedal.

OUTPUT is a ¼" TS (tip-sleeve) jack that provides a Hi-Z (high impedance) version of the INPUT jack signal, and is meant to be connected directly to the input of a fuzz pedal or another impedance sensitive effect pedal.

9VDC is the external power supply jack and it accepts a standard 2.1mm x 5.5mm male barrel plug from a 9VDC wall-wart power adapter or pedalboard power supply with a **NEGATIVE CENTER** plug. Refer to the **SPECIFICATIONS** section for additional information and maximum operating voltage(s).

⚠ ATTENTION ⚠ Do NOT connect any other DC Voltage or AC Voltage power supply to this jack, other than that specified in this section and in the **SPECIFICATIONS** section. Doing so will result in damage — voiding the warranty.

SPECIFICATIONS

Input Impedance: 1MΩ
Output Impedance: Hi-Z
Operating Voltage: 9VDC
Power Jack: 2.1x5.5mm Barrel ⊕-⊖
Current Draw: Less than 100mA@9VDC
Dimensions (LxWxH): 3.72x1.55x1.29inch
94.5x39.4x32.8mm

Specifications subject to change without notice.

⚠ ATTENTION ⚠ Some switched-mode power supplies (SMPS) and wall-wart power adapters are noisier than others, which can result in an audible high-pitch "whine". Trying to run too many devices from a single adapter or power supply output can also result in noise and/or an audible "whine". If this occurs, we recommend either trying another wall-wart power adapter or a pedalboard power supply with enough isolated outputs to power every device/effect on your pedalboard individually; better power equals less noise = more tone!!

CONNECTION DIAGRAMS

Click the links below (to our site) for hi-res PDF diagrams of the UNZ1™ in action.

[UNZ1™ Un-Buffer For Germanium Fuzz Pedals](#)
[Multi-FX Loop-Switcher Fuzz Pedal Un-Buffer](#)
[Un-Buffer 2↔4CM Patch-Box/Active PUs/Wireless](#)
[Active Pickups/Buffered Guitar/Wireless Un-Buffer](#)

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