AXSGTR® | Axess Electronics™

User Manual

ΩOMPΔTT/A™ [INPUT] BUFFER

Compatta [kom·patta] *is the Italian, feminine noun, translation for 'compact'.*

The ΩOMPΔTT/A™ is a discrete Class-A buffer for your guitar which will safeguard, strengthen and prepare your guitar's signal for whatever follows in the signal path.

The circuit has an input impedance and other finely tuned characteristics which mimic that of tube amp inputs.

It presents the guitar with a dynamic and ideal load that remains steadfast, resulting in consistent tone while still allowing the guitar to breathe and feel, as if it were plugged directly into the front of a trusted tube amp.

I/O DESCRIPTION

BLU/GRN LED indicates the ΩOMPΔTT/A™ is receiving power, when it's illuminated.

INPUT is a ¼" TS (tip-sleeve) jack that accepts an instrument level guitar signal.

OUTPUT is a ¼" TS (tip-sleeve) jack that is meant to be connected to the input of an effect pedal, loop switcher, patch-box, or amplifier.

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).

SPECIFICATIONS

Input Impedance: 1MΩ
Output Impedance: 100Ω
Operating Voltage: 9-18VDC
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 ΩOMPΔTT/A™ Buffer in action.

First Step to Great Consistent Tone

Second Step to Great Consistent Tone

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