

BEHRINGER V-TONE ACOUSTIC ADI21

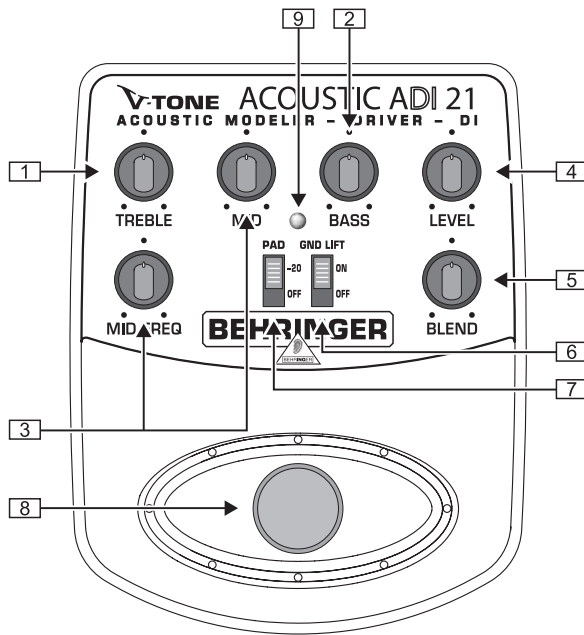
WELCOME TO BEHRINGER

Thank you for showing your confidence in us by purchasing the V-TONE ACOUSTIC ADI21. This high-quality acoustic guitar driver is designed for all acoustic guitar players who are looking for more sounds to reach maximum flexibility and creativity. Thanks to its high-performance EQ section (including parametric mids) and the integrated Tube/Microphone Emulation, the ADI21 gives your guitar natural sound with smooth saturation, just as if it were being miked. In addition, the ADI21 functions as a standard ultra-transparent direct injection box when used in bypass mode.

A DI (Direct Injection) box allows you to send a signal directly from an unbalanced, high-impedance output (like an electric guitar) and connect it directly to the balanced mic input of a mixing console.

Whether for stage, recording, rehearsal or warm-up, BEHRINGER's V-TONE ACOUSTIC ADI21 is a natural choice for those who are seeking great tone with a simple set-up.

CONTROL ELEMENTS

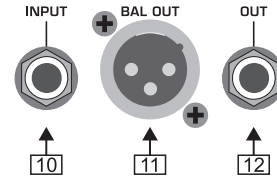


Control elements

- 1 The **TREBLE** control governs the high-frequency range of the signal (+/-12 dB).
- 2 The **BASS** control allows you to boost/cut the low-frequency range (+/-12 dB).
- 3 Use the **MID** control to boost or cut the mid-range frequencies (+/-12 dB). The **MID FREQ** control lets you select the middle frequency (170 Hz to 3.5 kHz) that will be boost/cut.
- 4 The **LEVEL** control adjusts the output level of the ADI21.
- 5 The **BLEND** control activates the integrated tube/microphone emulation circuitry. In most cases, you will probably set it to maximum (100%). If you want to hear some of the distinct timbre of a piezo pickup or reduce the amount of compression, simply turn the control counterclockwise.
- 6 When activated, the **GND LIFT** disconnects the ground connection between input and output. Depending on the grounding of the connected equipment, this can eliminate hum or ground loops.
- 7 The **-20 dB PAD** switch attenuates the output level of the **BAL OUT** (see [10]) by -20 dB. It should be activated when the output level is too high for the microphone input of the mixer channel.

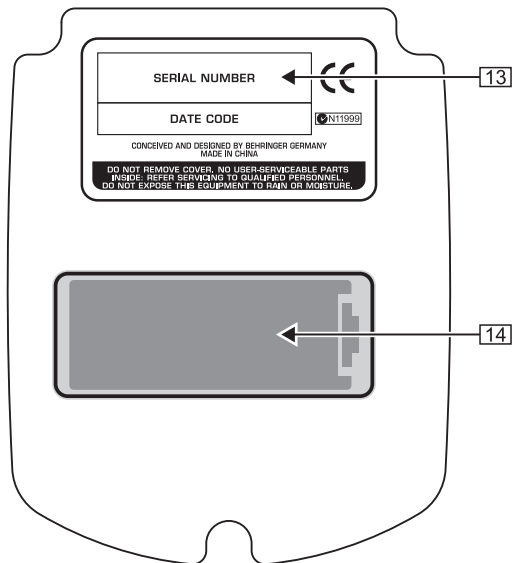
Before using the **PAD** switch, be sure that it is the mic preamp on the mixing console that is clipping and not the ADI21. You should only attenuate the output signal via the **PAD** switch if the **CLIP** LED of the mic channel lights up frequently or remains lit.

- 8 Use the footswitch to activate/deactivate all the tone functions (EQ, microphone/tube emulation). When deactivated, the ADI21 functions solely as a standard transparent DI box.
- 9 This LED illuminates when the effect is activated (see [8]).



Connectors

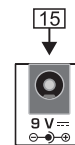
- 10 Use this 1/4" TS **INPUT** connector to plug in the instrument cable of your acoustic guitar or other instruments.
- 11 **BAL OUT** is the ADI21's balanced mic level output. Use a high-quality, balanced XLR (microphone) cable to connect the driver to a mixing console.
- 12 The unbalanced 1/4" TS **OUT** connector sends the signal to your guitar amp.



Bottom of the ADI21

- 13 **SERIAL NUMBER**. The serial number of the ADI21 is located on the bottom.
- 14 **BATTERY COMPARTMENT**. Open the lid to install or replace the 9 V battery (see also chapter "POWER REQUIREMENTS").

The ADI21 is powered as soon you insert a plug into the **INPUT**. The battery is "disconnected" when the plug is removed. For this reason, the ADI21 has no on/off switch. To prolong battery life, always disconnect the input when the driver is not in use.



Power supply connector

BEHRINGER V-TONE ACOUSTIC ADI21

- [15] Use the *DC IN* connection to plug in a 9 V power supply (not included). For details please refer to chapter "POWER REQUIREMENTS."

APPLICATIONS

Use with other instruments

The ADI21 is not only for acoustic guitars. You can try it with other instruments (e. g. bass/electric guitars, keyboards etc.) to create new sounds and enhance your music. Please make sure that the input level is not too high to avoid overloading the ADI21.

Direct to a mixing console

For live and studio applications you can connect the balanced XLR BAL OUT directly to a mic input of a mixing console. Be sure not to overload the input by using the gain control of the respective channel. For further information please refer to the user's manual of your mixing console.

Use without instruments

You can use the ADI21 without an instrument as an outboard processor connected to an insert or an effect path (aux send/return) of your mixing console to affect the signal of a particular channel. This way you can enhance existing tracks during mixdown. For further information please refer to the user's manual of your mixing console.

POWER REQUIREMENTS

Battery:

Utilizes standard 9 V alkaline battery (not included).
Power consumption: approx. 25 mA

Power supply:

ATTENTION: PLEASE USE DC POWER SUPPLY ONLY!
Failure to do so may damage the unit and void the warranty.

DC Power Supply Specifications:

- 9 V DC (regulated), 50 mA minimum
- 2 mm female plug, center negative (-)

WARRANTY

For our current warranty terms, please refer to our website at <http://www.behringer.com>.

SPECIFICATIONS

Input

Connector 1/4" TS
Impedance 4.7 M Ω

Output

Connector 1/4" TS
Impedance 1 k Ω

Balanced output

Connector XLR
Impedance 200 Ω

Power supply

9 V, >50 mA DC regulated

Power connector

2 mm DC jack, negative center

Battery

9 V type 6LR61

Power consumption

25 mA

Dimensions

approx. 5" (127 mm) x 3 9/10" (100 mm)
x 2" (50 mm)

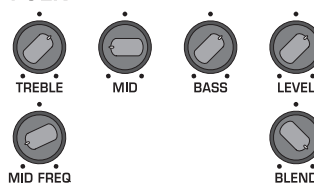
Weight

approx. 460 g

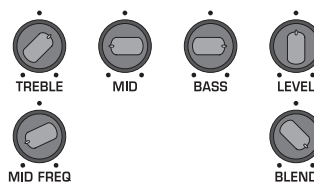
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SAMPLE SETTINGS

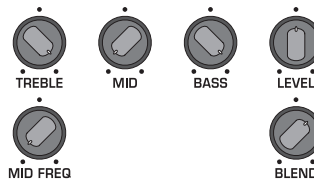
FOLK



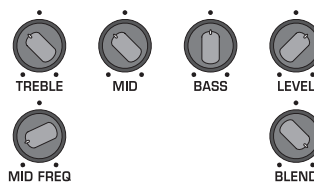
COUNTRY



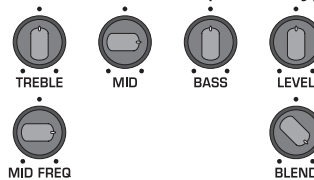
FINGER PICKING



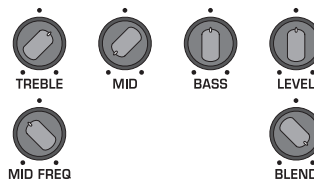
JAZZ



ELECTRIC GUITAR (semi dirty)



BASS GUITAR



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Hanns-Martin-Schleyer-Str. 36-38,
47877 Willich-Müncheide II, Germany.
Tel. +49 2154 9206 0, Fax +49 2154 9206 4903