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› [Behringer V-TONE ACOUSTIC DRIVER DI ADI21 Acoustic Amp Modeler/Direct Recording Preamp/DI Box Instruction Manual](#)

## Behringer ADI21

# Behringer V-TONE ACOUSTIC DRIVER DI ADI21 Instruction Manual

Model: ADI21

Brand: Behringer

## INTRODUCTION

The Behringer V-TONE ACOUSTIC DRIVER DI ADI21 is an acoustic amp modeler, direct recording preamp, and DI box designed to enhance and optimize the sound of your acoustic guitar. This versatile pedal provides authentic tube/microphone modeling, a 3-band EQ with sweepable mids, and dual DI modes for various live and recording applications. This manual provides essential information for setting up, operating, and maintaining your ADI21 unit.

## KEY FEATURES

- Analog modeling acoustic guitar preamp/stompbox with DI recording output.
- Ultra-musical 3-band EQ with sweepable mids for accurate feedback control and to eliminate the harsh harmonics of piezos.
- Super-high impedance to retain maximum signal integrity and dynamics.
- Authentic tube/microphone modeling circuitry provides the natural warmth and presence as if your acoustic guitar was miked through a tube pre-amp.
- Dual DI mode for either direct recording output with tube/microphone emulation or standard active direct injection box in bypass mode.

## SETUP

### Unpacking and Inspection

Carefully unpack your ADI21 unit. The package should contain one Acoustic Amp Modeler/Preamp/DI. Inspect the unit for any signs of damage during transit. If any damage is found, contact your dealer immediately.

### Power Supply

The ADI21 can be powered by a 9V battery or an optional 9V DC power adapter. To conserve battery life, always disconnect the input cable when the unit is not in use.

- **Battery Installation:** Open the battery compartment on the underside of the unit. Connect a 9V battery (not included) to the battery clip and place it inside the compartment. Close the cover securely.
- **DC Power Adapter:** Connect an optional 9V DC power adapter (center negative) to the DC IN jack.

## Connections

Connect your acoustic guitar to the **INPUT** jack. Use the **OUTPUT** jack to connect to your amplifier or other effects pedals. For direct recording or connection to a PA system, use the balanced **DI OUTPUT** (XLR) jack.



**Image:** Rear view of the Behringer ADI21 showing the input, output, and DI output jacks.

This image displays the rear panel of the ADI21, highlighting the 1/4-inch input and output jacks, as well as the balanced XLR DI output for professional connections.

## Initial Settings

For a starting point, set all tone controls (TREBLE, MID, BASS) to the 12 o'clock position. Set the LEVEL knob to a moderate level. The BLEND knob can be started at 12 o'clock. Adjust the PAD and GND LIFT switches as needed based on your signal and environment.

## OPERATING

### Controls Overview



**Image:** Front view of the Behringer ADI21 showing all control knobs and switches.

This image provides a clear view of the pedal's top panel, detailing the layout of the TREBLE, MID, BASS, LEVEL, MID FREQ, and BLEND knobs, along with the PAD and GND LIFT switches.

- **TREBLE:** Adjusts the high-frequency content of your sound. Turn clockwise for brighter tones, counter-clockwise for warmer, darker tones.
- **MID:** Controls the mid-range frequencies. This knob works in conjunction with the MID FREQ knob.
- **BASS:** Adjusts the low-frequency content. Turn clockwise for more bass, counter-clockwise to reduce boominess.
- **LEVEL:** Sets the overall output volume of the pedal.

- **MID FREQ:** Selects the specific mid-frequency point (from 200 Hz to 2 kHz) that the MID knob will affect. This is crucial for targeting and eliminating feedback frequencies.
- **BLEND:** Mixes the processed (modeled) signal with your original direct signal. Turn clockwise for more modeled sound, counter-clockwise for more direct sound.
- **PAD Switch (-20dB):** Engages a -20dB attenuation pad. Use this if your input signal is too hot and causing distortion.
- **GND LIFT Switch:** Lifts the ground connection of the DI output to eliminate ground loop hum.
- **Foot Switch:** Toggles the effect on/off. When the effect is active, the LED indicator will light up.

## Usage Scenarios

- **Acoustic Amp Modeling:** Use the TREBLE, MID, BASS, and BLEND controls to sculpt your desired acoustic guitar tone. Experiment with the MID FREQ knob to find the sweet spot for your instrument.
- **Direct Recording/PA:** Connect the XLR DI OUTPUT directly to a mixing console or audio interface. Adjust the LEVEL and tone controls to achieve a balanced and clear signal.
- **Feedback Control:** If you experience feedback, use the MID FREQ knob to pinpoint the problematic frequency and then use the MID knob to cut that frequency. The BLEND control can also help manage feedback by reducing the amount of modeled signal.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the unit. Do not use liquid cleaners or solvents.
- **Storage:** Store the ADI21 in a dry, cool environment away from direct sunlight and extreme temperatures.
- **Battery Replacement:** If using battery power, replace the 9V battery when the LED indicator becomes dim or the sound quality degrades. Always remove the input cable when not in use to prevent battery drain.

## TROUBLESHOOTING

- **No Sound:** Check all cable connections, ensure the unit is powered (battery or adapter), and verify that the LEVEL knob is not set to minimum.
- **Hum or Noise:** Engage the GND LIFT switch. Ensure all cables are properly shielded. Check for faulty power adapters or ground loops in your setup.
- **Distortion:** If the signal is distorting, engage the PAD switch. Reduce the input level from your guitar or adjust the gain settings on your amplifier/mixer.
- **Weak Signal:** Check the battery level if using battery power. Ensure all connections are secure and the LEVEL knob is set appropriately.

## SPECIFICATIONS

Specification	Value
Product Dimensions	1.97 x 3.94 x 5 inches
Item Weight	1.01 pounds
Item Model Number	ADI21

Batteries	1 9V battery required
Manufacturer	Behringer USA

## WARRANTY AND SUPPORT

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Behringer products are designed to provide reliable performance. For detailed warranty information and technical support, please refer to the warranty card included with your product or visit the official Behringer website. Keep your purchase receipt as proof of purchase for any warranty claims.