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› DemonFX Microtubes A7K Analog Bass Preamp User Manual

DemonFX A7K

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USER MANUAL

Introduction

The DemonFX Microtubes A7K is an analog bass preamp pedal designed to offer a wide range of tonal possibilities, from crisp clean preamp sounds to high-gain distortion. This manual provides essential information for setting up, operating, and maintaining your A7K pedal.

Key Features

- Independent footswitch for engaging the overdrive section.
- Versatile tone shaping with comprehensive EQ controls and character switches.
- Direct Output (XLR) with Ground Lift for professional connectivity.
- Parallel Output for signal routing flexibility.

Controls and Functions

Familiarize yourself with the controls of the DemonFX Microtubes A7K:



Image 1: Top view of the DemonFX Microtubes A7K pedal, illustrating the layout of all knobs, switches, and inputs/outputs.

BLEND: Controls the mix between the clean input signal and the overdriven signal. Fully counter-clockwise provides only the clean signal, while fully clockwise provides only the overdriven signal.

LEVEL: Adjusts the overall output volume of the pedal.

DRIVE: Sets the amount of gain for the overdriven signal.

GRUNT Switch: A three-way toggle switch that modifies the low-frequency content and saturation of the overdriven signal. This switch influences the pedal's low-end response and overall thickness.

ATTACK Switch: A three-way toggle switch that modifies the high-frequency content and clarity of the overdriven signal. This switch influences the pedal's treble response and presence.

LOW: An active equalizer control for boosting or cutting low frequencies.

LO MIDS: An active equalizer control for boosting or cutting low-mid frequencies.

HI MIDS: An active equalizer control for boosting or cutting high-mid frequencies.

TREBLE: An active equalizer control for boosting or cutting high frequencies.

INPUT: 1/4-inch instrument input jack.

OUTPUT: 1/4-inch instrument output jack.

DIRECT OUTPUT: XLR output for connecting directly to a mixing console or audio interface.

GROUND LIFT: Switch for the Direct Output to eliminate ground loop hum.

PARALLEL OUTPUT: 1/4-inch output that provides an unaffected, buffered signal from the input.

9VDC Power Input: Connect a standard 9V DC (center negative) power supply.

Footswitch: Engages or bypasses the overdrive section of the pedal. The LED indicator illuminates when the overdrive is active.

Setup

1. **Power Connection:** Connect a 9V DC (center negative) power supply to the 9VDC input jack. Ensure the power supply meets the specified voltage and polarity requirements.
2. **Instrument Connection:** Connect your bass guitar to the **INPUT** jack using a standard 1/4-inch instrument cable.
3. **Amplifier Connection:** Connect the **OUTPUT** jack to your bass amplifier's input using a standard 1/4-inch instrument cable.
4. **Direct Recording/PA (Optional):** For direct connection to a mixing console or audio interface, use an XLR cable from the **DIRECT OUTPUT**. If hum occurs, engage the **GROUND LIFT** switch.
5. **Parallel Signal (Optional):** To send an unaffected signal to another device (e.g., a tuner or another amplifier), connect a 1/4-inch cable from the **PARALLEL OUTPUT**.



Image 2: Side view of the DemonFX Microtubes A7K pedal, highlighting the 1/4-inch input and output jacks, as well as the XLR Direct Output.

Operation

1. **Engaging the Pedal:** Press the footswitch to activate or bypass the overdrive section. The LED indicator will illuminate when the overdrive is active.
2. **Setting the Clean Tone:** With the overdrive bypassed (footswitch off), use the **LOW**, **LO MIDS**, **HI MIDS**, and **TREBLE** controls to shape your clean bass tone.
3. **Adjusting Overdrive:**
 - Use the **DRIVE** knob to set the amount of distortion.
 - The **BLEND** knob mixes the clean and overdriven signals. Start with a lower blend setting and gradually

increase to find your desired balance.

- The **GRUNT** and **ATTACK** switches further shape the character of the overdrive by adjusting low and high-frequency content. Experiment with these settings to achieve different textures.

4. **Volume Control:** Use the **LEVEL** knob to adjust the overall output volume. Ensure the volume is balanced with your bypassed signal to avoid sudden jumps in loudness.

Technical Specifications

Parameter	Value
Input Impedance	500k Ohms
Output Impedance	1k Ohms
Current Consumption	28mA
Power Voltage	9V DC (Center Negative)
Item Weight	12.3 ounces (350 Grams)
Package Dimensions	5 x 4 x 2 inches
Hardware Interface	1/4-inch Audio
Signal Format	Analog
Audio Output Effects	Overdrive, Distortion

Troubleshooting

- **No Sound:**
 - Ensure the power supply is correctly connected and functioning.
 - Check all instrument cables for proper connection and functionality.
 - Verify that the **LEVEL** knob is not set to minimum.
 - If using the Direct Output, check the**GROUND LIFT** switch position.
- **Excessive Noise/Hum:**
 - Use a high-quality, regulated 9V DC (center negative) power supply.
 - If using the Direct Output, try engaging or disengaging the**GROUND LIFT** switch.
 - Ensure all cables are properly shielded and in good condition.
 - Test the pedal in a different power outlet or location to rule out external interference.
- **Overdrive Not Engaging:**
 - Press the footswitch firmly. The LED should illuminate when active.
 - Check the **DRIVE** and **BLEND** knob settings. If **DRIVE** is at minimum or **BLEND** is fully counter-clockwise, the overdrive effect will be minimal or absent.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a dry environment, away from extreme temperatures and direct sunlight.

- **Power Supply:** Always use the correct 9V DC (center negative) power supply to prevent damage. Disconnect power when not in use for extended periods.
- **Cable Care:** Ensure all cables are in good condition and free from kinks or damage.

Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the DemonFX manufacturer or authorized dealer directly. Keep your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question