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Vivlex DAP-2

Vivlex Multi-Effects Pedal DAP-2 User Manual

Model: DAP-2

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1. INTRODUCTION

Thank you for purchasing the Vivlex Multi-Effects Pedal DAP-2. This versatile pedal combines three essential effects—Echo, Ensemble (Chorus), and Overdrive—into a single, compact unit, designed for electric guitar and bass. Crafted with a durable zinc alloy chassis, the DAP-2 offers robust performance and a user-friendly interface. This manual provides detailed instructions on setup, operation, maintenance, and troubleshooting to help you get the most out of your new pedal.



Figure 1.1: Vivlex DAP-2 Multi-Effects Pedal. This image shows the top view of the pedal, highlighting its three main effect sections: Echo, Ensemble, and Overdrive, along with their respective control knobs and footswitches.

2. SAFETY PRECAUTIONS

To ensure safe operation and prevent damage to the product, please observe the following precautions:

- The power adapter is not included. Always use a 9V DC (center negative) power adapter.
- Disconnect the DC adapter when the product is not in use or during thunderstorms.

- Do not attempt to disassemble or modify the pedal yourself. Unauthorized modifications can lead to malfunction and void the warranty.
- Always turn off the power to all equipment before connecting or disconnecting the pedal. This helps prevent damage to the pedal and other connected devices.
- Radios and televisions placed near the pedal may cause reception interference. Use the product at an appropriate distance from such devices.
- To prevent deformation, discoloration, or other damage to the product, do not expose the unit to the following conditions:
 - Direct sunlight
 - Heat sources (e.g., radiators, stoves)
 - Strong magnetic fields
 - High humidity or extreme temperatures

3. KEY FEATURES

The Vivlex DAP-2 Multi-Effects Pedal offers a comprehensive set of features for guitar and bass players:

- **3-in-1 Multi-Effect Pedal:** Integrates Echo, Ensemble (Chorus), and Overdrive effects in a single unit.
- **Durable Construction:** Features a stable and solid zinc alloy chassis, ensuring longevity and reliability.
- **Compact Design:** Small, lightweight, and exquisitely designed for portability and ease of use on any pedalboard.
- **LED Indicator:** An integrated LED indicator clearly displays the operational status of the pedal.
- **Echo Module:** Utilizes an analog signal path to deliver warm and vintage delay sounds. Includes two distinct modes: *Mod* and *Normal*.
- **Ensemble Module:** Allows for precise adjustment of integrated *Rate* and *Depth* knobs to enhance clean tones or add body to driven sounds.
- **Overdrive Module:** Equipped with classic *Tone*, *Gain*, and *Level* controls. Offers two modes, *High* and *Low*, providing access to classic tube amp sounds and powerful crunch tones.
- **Power Requirement:** Operates on a standard 9V DC (center negative) power supply (not included).



Figure 3.1: Overview of the Echo, Ensemble, and Overdrive modules. This image visually represents the core functionality of each effect, highlighting their distinct characteristics: Echo for analog delay, Ensemble for BBD-style chorus, and Overdrive for classic tube amp crunch.

4. SETUP

Follow these steps to set up your Vivlex DAP-2 Multi-Effects Pedal:

1. **Power Connection:** Connect a 9V DC (center negative) power adapter (not included) to the "DC 9V IN" jack on the right side of the pedal. Ensure the power adapter meets the specified voltage and polarity requirements.
2. **Instrument Input:** Connect your electric guitar or bass to the "IN" jack on the right side of the pedal using a standard 1/4-inch instrument cable.
3. **Output to Amplifier/Mixer:** Connect the "OUT" jack on the left side of the pedal to your amplifier, audio interface, or mixer using another 1/4-inch instrument cable.
4. **Headphone Output (Optional):** For silent practice, connect headphones to the 3.5mm headphone jack located on the top panel.
5. **Power On:** Once all connections are secure, power on your amplifier and then the pedal. The LED indicators on the footswitches will illuminate when the respective effects are active.

3-In-1 Multi Effects Pedal Echo & Ensemble & Overdrive

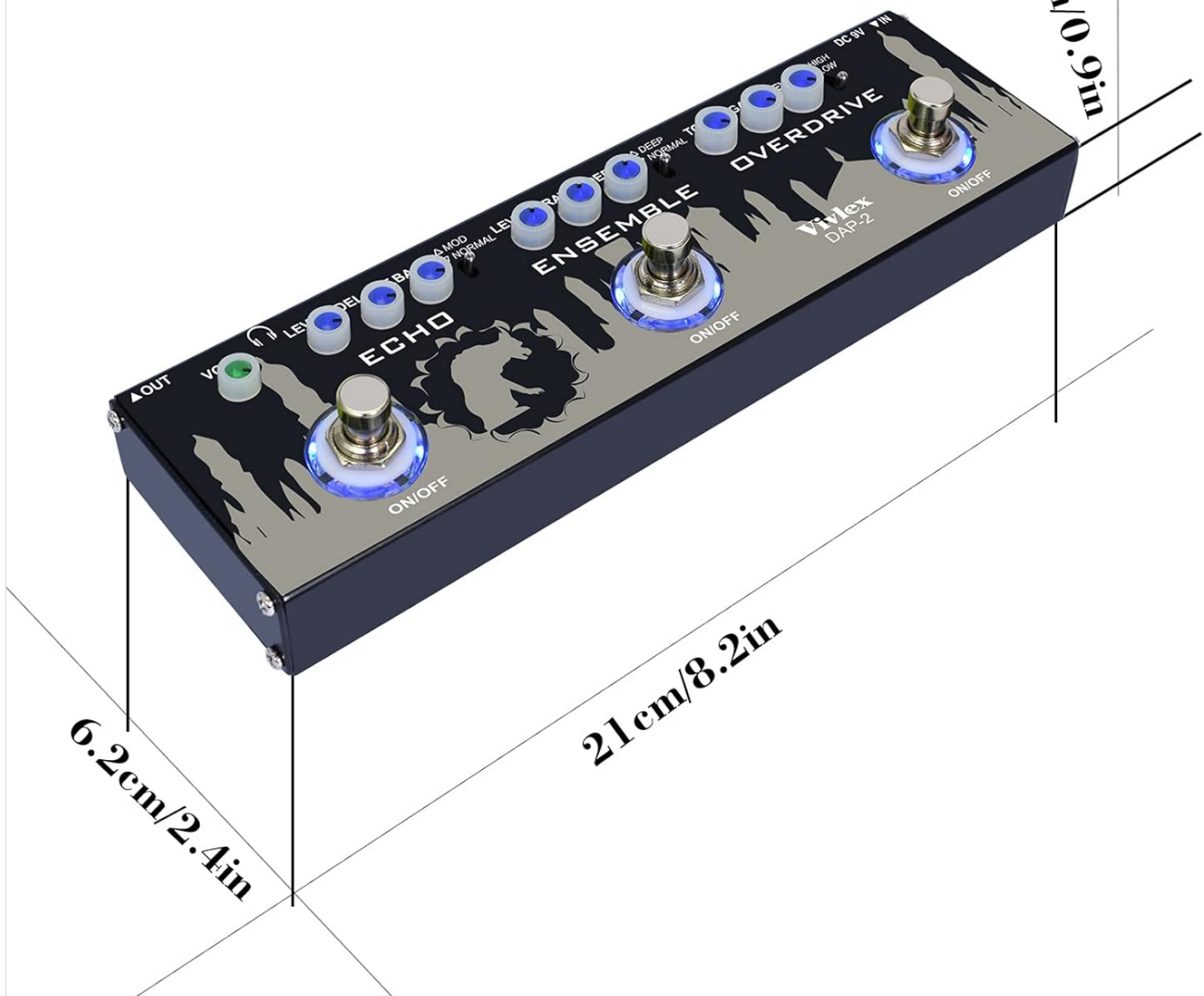


Figure 4.1: Connection Diagram for Vivlex DAP-2. This diagram illustrates how to connect the pedal to a guitar, amplifier, headphones, and power supply, showing the input, output, and power jacks.

5. OPERATION

The Vivlex DAP-2 features three independent effect modules, each with its own footswitch and controls. Press the corresponding footswitch to activate or bypass an effect. The LED above each footswitch indicates its active status.

5.1. Echo Module

The Echo module provides warm, vintage delay effects.

- **LEVEL:** Controls the volume of the delayed signal. Turn clockwise to increase the echo volume.
- **DELAY:** Adjusts the delay time, from short slap-back echoes to long, ambient repeats.
- **F.BACK (Feedback):** Determines the number of repeats. Higher settings result in more repeats.
- **MOD/NORMAL Switch:** Toggles between two delay modes:
 - **MOD:** Adds a subtle modulation to the delay repeats, creating a richer, more ethereal sound.

- **NORMAL:** Provides a standard, unmodulated delay.

5.2. Ensemble Module (Chorus)

The Ensemble module adds depth and richness to your tone, creating classic chorus effects.

- **LEVEL:** Controls the overall output volume of the Ensemble effect.
- **RATE:** Adjusts the speed of the chorus modulation. Higher settings result in a faster, more swirling effect.
- **DEPTH:** Controls the intensity or depth of the chorus effect. Higher settings create a more pronounced, thicker sound.
- **DEEP/NORMAL Switch:** Toggles between two chorus modes:
 - **DEEP:** Provides a more intense and profound chorus effect.
 - **NORMAL:** Offers a standard, subtle chorus effect.

5.3. Overdrive Module

The Overdrive module delivers classic tube amp sounds and powerful crunch tones.

- **TONE:** Shapes the tonal character of the overdrive. Turn clockwise for brighter tones, counter-clockwise for warmer tones.
- **GAIN:** Controls the amount of distortion. Higher settings produce more saturated and aggressive overdrive.
- **LEVEL:** Adjusts the overall output volume of the Overdrive effect.
- **HIGH/LOW Switch:** Toggles between two overdrive modes:
 - **HIGH:** Provides a higher gain setting for more aggressive and saturated overdrive.
 - **LOW:** Offers a lower gain setting for a more subtle, bluesy crunch.



Figure 5.1: Angled view of the Vivlex DAP-2 pedal, showcasing the layout of the control knobs and footswitches for each effect module (Echo, Ensemble, Overdrive).

6. MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your Vivlex DAP-2 pedal:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's surface. Do not use abrasive cleaners, waxes, or solvents, as they may damage the finish.
- **Storage:** When not in use for extended periods, store the pedal in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Power Disconnection:** Always disconnect the power adapter when the pedal is not in use to prevent unnecessary power consumption and potential damage from power surges.

- **Cable Management:** Ensure all cables are properly routed and not under strain to prevent damage to the jacks and cables themselves.

7. TROUBLESHOOTING

If you encounter issues with your Vivlex DAP-2 pedal, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound or weak signal.	Incorrect power supply. Cables not connected properly. Effect bypassed or level knob set too low. Faulty cable or instrument.	Ensure a 9V DC (center negative) adapter is used. Check all input/output connections. Activate the effect and adjust the LEVEL knob. Test with different cables and instruments.
Unwanted noise or hum.	Ground loop issue. Interference from other electronic devices. Faulty power supply.	Use an isolated power supply or ground loop isolator. Move the pedal away from radios, TVs, or power cables. Try a different power adapter.
Effect not engaging.	Footswitch not fully pressed. Internal malfunction.	Ensure the footswitch clicks and the LED illuminates. If the issue persists, contact customer support.

8. SPECIFICATIONS

Detailed specifications for the Vivlex DAP-2 Multi-Effects Pedal:

Feature	Detail
Brand	Vivlex
Model	DAP-2
Color	Dark Gray / Multi-effects
Material	Zinc Alloy
Effects	Echo, Ensemble (Chorus), Overdrive
Power Supply	9V DC (center negative, adapter not included)
Input Interface	1/4 inch Audio Jack (IN)
Output Interface	1/4 inch Audio Jack (OUT)
Headphone Interface	3.5mm Jack
Product Dimensions (L x W x H)	21 x 6.2 x 2.3 cm (8.2 x 2.4 x 0.9 inches)

Feature	Detail
Item Weight	500 g (1.1 lbs)
Signal Format	Digital (internal processing)
Controls	Knobs for Level, Delay, F.Back, Rate, Depth, Tone, Gain; Switches for Mod/Normal, Deep/Normal, High/Low

8.1. Package Contents

- 1 x Vivlex Multi-Effects Pedal DAP-2
- 1 x User Manual



Figure 8.1: Dimensions of the Vivlex DAP-2 pedal. This image provides a visual representation of the pedal's length, width, and height in both centimeters and inches.

9. WARRANTY & SUPPORT

Vivlex is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, Vivlex products typically come with a manufacturer's warranty covering defects in materials and workmanship under normal use.

For warranty claims, technical support, or any inquiries regarding your Vivlex DAP-2 pedal, please contact Vivlex customer service through the retailer where you purchased the product or visit the official Vivlex website for contact information.

Please retain your proof of purchase for any warranty-related services.