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DigiTech XDV DigiVerb Pedal

DigiTech XDV DigiVerb Digital Reverb Pedal User Manual

Model: XDV DigiVerb Pedal

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1. INTRODUCTION

The DigiTech XDV DigiVerb Digital Reverb Pedal provides a selection of seven distinct reverb types for musical instruments. This pedal is designed to add spatial effects to your sound, ranging from subtle room ambiance to expansive hall and spring reverbs. It features controls for adjusting the reverb level, tone (EQ), and decay time, allowing for precise sound shaping.

2. CONTROLS AND CONNECTIONS

Familiarize yourself with the controls and connection points on the DigiVerb pedal:



Image: Top view of the DigiTech XDV DigiVerb pedal, showing the four control knobs (Level, EQ, Decay, Type), input/output jacks, and footswitch area. The reverb types are labeled below the 'Type' knob.

- **LEVEL Knob:** Adjusts the overall output level of the reverb effect. Turning it clockwise increases the reverb signal volume.
- **EQ Knob:** Controls the tone or equalization of the reverb. This allows you to brighten or darken the reverb sound.
- **DECAY Knob:** Determines the length or duration of the reverb tail. Clockwise rotation increases the decay time.
- **TYPE Knob:** Selects one of the seven available reverb algorithms:
 1. **ROOM:** Simulates the acoustics of a small to medium-sized room.
 2. **PLATE:** Emulates the sound of a classic plate reverb unit, often used for vocals and drums.
 3. **HALL:** Creates the expansive, long-decaying sound of a large concert hall.
 4. **CHURCH:** Offers a very large and resonant reverb, similar to a church or cathedral.
 5. **GATED:** A reverb effect that cuts off abruptly, often used for percussive sounds.
 6. **REVERSE:** Produces a reverse reverb effect, where the reverb swells in before the dry signal.
 7. **SPRING:** Mimics the sound of a mechanical spring reverb unit, common in guitar amplifiers.
- **IN Jack:** 1/4-inch mono input for connecting your instrument or the output of another effect pedal.
- **OUT 1 (MONO) Jack:** 1/4-inch output for mono signal connection to an amplifier or the next pedal in the chain.
- **OUT 2 Jack:** 1/4-inch output for stereo operation. Use both OUT 1 and OUT 2 for a stereo signal.
- **Footswitch:** Engages or bypasses the reverb effect.

3. SETUP

Follow these steps to connect your DigiVerb pedal:

1. **Power Connection:** Insert a 9V battery (if not already installed) or connect a compatible 9V DC power adapter (sold separately) to the power input jack. The pedal requires 50 milliamps.
2. **Input Connection:** Connect your instrument (e.g., guitar) or the output of a preceding effect pedal to the **IN** jack using a standard 1/4-inch instrument cable.
3. **Output Connection (Mono):** For mono operation, connect the **OUT 1 (MONO)** jack to your amplifier's input or the input of the next effect pedal in your signal chain using a 1/4-inch instrument cable.
4. **Output Connection (Stereo):** For stereo operation, connect the **OUT 1 (MONO)** jack to the left input of a stereo amplifier or mixer, and the **OUT 2** jack to the right input using two separate 1/4-inch instrument cables.
5. **Initial Settings:** Before powering on, set the LEVEL, EQ, and DECAY knobs to their mid-point (12 o'clock position) and select a TYPE to begin.

4. OPERATION

Once connected, operate the DigiVerb pedal as follows:

- **Engaging the Effect:** Press the footswitch to activate the reverb effect. The LED indicator will illuminate when the effect is active. Press it again to bypass the effect.
- **Selecting Reverb Type:** Rotate the **TYPE** knob to choose from the seven available reverb algorithms. Experiment with each type to understand its unique character.

- **Adjusting Reverb Level:** Use the **LEVEL** knob to blend the reverb effect with your dry signal. A higher setting increases the prominence of the reverb.
- **Shaping the Tone:** Adjust the **EQ** knob to tailor the frequency response of the reverb. Turn it clockwise for brighter reverb or counter-clockwise for a darker, warmer sound.
- **Controlling Decay:** The **DECAY** knob controls how long the reverb effect sustains. Shorter decay times are suitable for subtle ambiance, while longer times create more dramatic, spacious effects.
- **Experimentation:** The interaction between the EQ, Decay, and Level knobs, combined with the different reverb types, allows for a wide range of sonic possibilities. Spend time experimenting to find your desired sounds.

5. MAINTENANCE

To ensure the longevity and optimal performance of your DigiTech DigiVerb pedal:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Replacement:** If using battery power, replace the 9V battery when the LED indicator dims or the effect performance degrades. Disconnect the input cable when not in use to conserve battery life.
- **Connections:** Periodically check all cable connections for wear and tear. Ensure jacks are free of dust and debris.

6. TROUBLESHOOTING

If you encounter issues with your DigiVerb pedal, refer to the following common solutions:

- **No Sound/Weak Sound:**
 - Check all cable connections. Ensure cables are fully inserted and not damaged.
 - Verify the power supply. If using a battery, check its charge or replace it. If using an adapter, ensure it is the correct voltage (9V DC) and polarity, and that the outlet is functional.
 - Ensure the instrument's volume and amplifier's volume are turned up.
 - Test the pedal in bypass mode to confirm the dry signal passes through.
- **Excessive Noise/Hum:**
 - Ensure all cables are shielded instrument cables.
 - Try a different power supply or a fresh battery.
 - Move the pedal away from other electronic devices that might cause interference.
 - Check for ground loops if multiple pedals are used with a shared power supply.
- **Effect Not Engaging:**
 - Check power supply. The LED should illuminate when the effect is active.
 - Ensure the footswitch is functioning correctly.

7. SPECIFICATIONS

Model Number	XDV DigiVerb Pedal
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Brand	DigiTech
Item Weight	14.1 ounces (0.4 Kilograms)
Product Dimensions	6 x 2.5 x 3.5 inches
Power Requirements	9V Battery or 9V DC Power Adapter (50 Millamps)
Hardware Interface	1/4-inch Audio Jacks
Signal Format	Analog
Reverb Types	7 (Room, Plate, Hall, Church, Gated, Reverse, Spring)

8. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please refer to the documentation included with your purchase or visit the official DigiTech website. Keep your proof of purchase for warranty claims.

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