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DigiTech DROPBK

DigiTech DROPBK The Drop Polyphonic Drop Tune Pedal User Manual

Introduction

This manual provides comprehensive instructions for the DigiTech DROPBK The Drop Polyphonic Drop Tune Pedal. This dedicated pedal allows guitarists to instantly drop their instrument's tuning by a semitone up to a full octave, eliminating the need to change guitars or retune during performances. It features a versatile momentary/latching footswitch mode and nine distinct pitch-shifting options.

Setup

Follow these steps to properly set up your DigiTech DROPBK pedal:

1. **Power Connection:** Connect the included 9VDC power supply to the 'POWER' input jack on the rear of the pedal. Ensure the power supply is rated for 300mA.
2. **Instrument Input:** Connect your guitar or other instrument to the 'IN' 1/4-inch input jack on the right side of the pedal.
3. **Output Connection:** Connect the 'OUT' 1/4-inch output jack on the left side of the pedal to your amplifier or the next pedal in your signal chain.
4. **Signal Chain Placement:** For optimal performance, place The Drop pedal early in your signal chain, typically after any compression or overdrive pedals, but before modulation or time-based effects.



Image: Side view of the DigiTech DROPBK pedal, illustrating the 1/4-inch input and output jacks for instrument connection.



Image: Rear view of the DigiTech DROPBK pedal, highlighting the 9VDC power input jack.

Operating Instructions

The DigiTech DROPBK pedal offers intuitive controls for pitch shifting:



Image: Top view of the DigiTech DROPBK pedal, showing the large rotary knob, momentary/latching switch, and pitch indicator LEDs.

- **Pitch Selector Knob:** This large rotary knob allows you to select the desired pitch shift. The pedal offers 9 distinct modes, indicated by the illuminated LEDs:
  - **1-7:** Drop tuning by 1 to 7 semitones (e.g., '1' for a half-step down, '7' for a full octave down).
  - **OCT:** Drops the tuning by a full octave.
  - **OCT + DRY:** Drops the tuning by a full octave while also blending in your original dry signal.
- **Momentary/Latching Switch:** This toggle switch determines the footswitch behavior.
  - **Latching (OFF position):** Press the footswitch once to engage the effect, press again to bypass. The effect remains active until disengaged.
  - **Momentary (ON position):** The effect is active only while the footswitch is held down. Releasing the footswitch bypasses the effect. This mode is ideal for quick pitch dives or trills.
- **Footswitch:** Engages or bypasses the effect based on the Momentary/Latching switch setting. The red LED above the footswitch indicates when the effect is active.
- **True Bypass:** The pedal features true bypass circuitry, ensuring your instrument's tone remains unaffected when the pedal is disengaged.

Maintenance

To ensure the longevity and optimal performance of your DigiTech DROPBK pedal, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid abrasive cleaners or solvents, which can damage the finish.
- **Storage:** When not in use for extended periods, store the pedal in a cool, dry place away from direct sunlight and extreme temperatures.
- **Power Supply:** Always use the included 9VDC power supply or a compatible, regulated power supply to prevent damage to the unit.
- **Connections:** Periodically check all cable connections for wear and tear. Ensure jacks are free of dust and debris.

Troubleshooting

If you encounter issues with your DigiTech DROPBK pedal, consult the following common troubleshooting tips:

- **No Sound:**
  - Check all cable connections (instrument, amplifier, power).
  - Ensure the power supply is correctly connected and functioning.
  - Test with different cables to rule out faulty connections.
  - Bypass the pedal to confirm the issue is with the pedal and not other equipment.
- **Effect Not Engaging:**
  - Verify the footswitch is functioning.
  - Check the Momentary/Latching switch setting. In momentary mode, the effect is only active while the footswitch is pressed.
- **Unwanted Noise/Hum:**

- Ensure you are using a regulated power supply.
- Check for ground loops in your signal chain.
- Move the pedal away from other electronic devices that may cause interference.

- **Incorrect Pitch Shifting:**
  - Ensure the Pitch Selector Knob is set to the desired position.
  - Verify the input signal is clean and strong.

If these steps do not resolve the issue, please contact DigiTech customer support.

Specifications

Feature	Specification
Brand	DigiTech
Model Name	Drop Blackout
Model Number	DROPBK
Color	Black
Item Weight	16 ounces (0.45 kg)
Item Dimensions (L x W x H)	7 x 4 x 3 inches (17.78 x 10.16 x 7.62 cm)
Voltage	9V DC
Amperage	300 milliamps
Power Source	DC Power Supply (included)
Audio Output Effects	Pitch-Shifting
Controls Type	Footswitch, Rotary Knob, Toggle Switch
Hardware Interface	1/4-inch Audio
Connector Type	1/4 inch
Signal Format	Analog
Included Components	9VDC Power Supply

Warranty Information

The DigiTech DROPBK The Drop Polyphonic Drop Tune Pedal comes with a limited 1-year warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full details and terms, refer to the official DigiTech warranty policy or contact customer support.

Support

For further assistance, technical support, or to explore other DigiTech products, please visit the official DigiTech store or website:

- **DigiTech Store:** Visit the DigiTech Store on Amazon
- **Online Resources:** Check the official DigiTech website for FAQs, firmware updates, and additional product information.

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