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## DigiTech Whammy DT

# DigiTech Whammy DT Pedal Instruction Manual

Model: Whammy DT

## 1. INTRODUCTION

The DigiTech Whammy DT is an advanced pitch-shifting effects pedal designed for guitarists. It combines classic Whammy effects with drop and raised tuning capabilities, allowing for on-the-fly key changes without guitar retuning. This manual provides essential information for setting up, operating, and maintaining your Whammy DT pedal.

## 2. KEY FEATURES

- **True Polyphonic Pitch Shifting:** Allows for accurate pitch shifting of chords and single notes.
- **Drop or Raised Tuning:** Adjust tuning by up to 7 half steps down or up, or a full octave.
- **Classic Whammy Voicings:** Access traditional Whammy pitch bend effects.
- **Momentary Footswitch:** Enables "hammer-on" and "pull-off" effects for dynamic performance.
- **True Bypass:** Ensures your guitar tone remains unaffected when the pedal is disengaged.

## 3. SETUP

Proper setup ensures optimal performance of your Whammy DT pedal.

### 3.1 Power Connection

Connect the provided power supply to the **9V DC input** jack on the pedal and then to a standard AC power outlet. The pedal requires a corded electric power source and draws approximately 50 Milliamps.

### 3.2 Audio Connections

1. Connect your guitar to the **INPUT** jack on the Whammy DT using a standard 1/4-inch instrument cable.
2. Connect the **OUTPUT** jack of the Whammy DT to your amplifier or other effects pedals using another 1/4-inch instrument cable.

### 3.3 Pedal Placement

For best results, place the Whammy DT early in your signal chain, typically after any compression or wah pedals,

but before modulation, delay, or reverb effects. This ensures the pitch shifting is applied to a clean signal.



Figure 3.1: The DigiTech Whammy DT pedal, showing its robust construction and typical connections. The image displays the pedal's main body, footswitches, and expression pedal.

## 4. OPERATING INSTRUCTIONS

The Whammy DT offers a range of pitch-shifting effects controlled by its footswitches and expression pedal.

### 4.1 Drop Tune and Raised Tune Functions

The Whammy DT allows you to instantly change your guitar's tuning up or down without physically adjusting the tuning pegs. Use the dedicated controls to select the desired interval, from a single half step to a full octave. Engage the effect to apply the tuning shift.

### 4.2 Classic Whammy Effects

Engage the Whammy effect and use the expression pedal to bend your pitch up or down. The pedal offers various Whammy voicings, allowing for classic dive bombs, harmonized shifts, and octave effects. Refer to the pedal's

control layout for specific mode selections.

### 4.3 Momentary Footswitch

The momentary footswitch provides quick, on-demand pitch shifts. Press and hold the footswitch to activate a pre-selected pitch shift, creating "hammer-on" or "pull-off" effects. Release the footswitch to return to the original pitch. This is useful for rapid chord shifts or dynamic note changes during solos.

## 5. MAINTENANCE

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

- **Cleaning:** Wipe the pedal's surface with a soft, dry cloth. Avoid using abrasive cleaners or solvents, which can damage the finish.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures. When not in use for extended periods, disconnect the power supply.
- **Protection:** Protect the pedal from impacts and spills. Consider using a pedalboard case for transport.

## 6. TROUBLESHOOTING

If you encounter issues with your Whammy DT pedal, try the following steps:

- **No Power:** Ensure the power supply is correctly connected to both the pedal and a working electrical outlet. Verify the power adapter meets the specified voltage and amperage (9V DC, 50mA).
- **No Sound:** Check all audio cables (input and output) for secure connections. Test cables with another device to rule out cable failure. Ensure your guitar and amplifier are functioning correctly.
- **Incorrect Pitch Shifting:** Verify that the selected Whammy or Drop Tune mode is appropriate for your desired effect. Ensure the expression pedal is calibrated correctly if issues persist.
- **Unwanted Noise:** Check for ground loops by ensuring all equipment is properly grounded. Try isolating the pedal's power supply from other effects.

## 7. SPECIFICATIONS

Feature	Detail
Model	Whammy DT
Item Weight	5.9 pounds (2.68 kg)
Product Dimensions	8 x 12 x 12 inches (20.32 x 30.48 x 30.48 cm)
Signal Format	Analog
Power Source	Corded Electric
Amperage	50 Milliamps
True Bypass	Yes

## 8. WARRANTY AND SUPPORT

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For detailed warranty information and technical support, please refer to the official DigiTech website or contact their customer service. Keep your purchase receipt as proof of purchase for any warranty claims.

**Online Support:** [Visit DigiTech Support](#)