DigiTech Vocalist Live 3D

DigiTech Vocalist Live 3D Vocal Harmony Effects Processor

Instruction Manual

1. PRODUCT OVERVIEW

The DigiTech Vocalist Live 3D is an advanced vocal harmony effects processor designed to enhance live vocal performances. It offers sophisticated 3-part harmonies, real-time pitch correction, and gender control, utilizing DigiTech's exclusive MusIQ Technology to analyze your voice and generate musically correct harmonies. This desktop unit integrates essential vocal effects and versatile connectivity for musicians.

Key Features:

- **3-Part Harmonies:** Utilizes MusIQ Technology for intelligent vocal harmonization.
- **Real-Time Pitch Correction:** Ensures vocal accuracy during performance.
- **Gender Control:** Adjust male and/or female backing harmonies.
- **5 User-Defined Voicing Patches:** Customize and save your preferred vocal settings.
- **MIDI Connectivity:** MIDI In, Out/Thru for integration with other equipment.
- **Integrated Effects:** Includes Reverb (Studio, Room, Hall) and Pre-Effects (Warmth, Compression, De-Esser, Noise Gate).
- **Built-In Guitar Tuner:** With LED display for convenience.

2. SETUP

Proper setup ensures optimal performance and sound quality from your Vocalist Live 3D processor. Follow these steps to connect your device.

2.1 Physical Connections

Identify the various input and output ports on the rear panel of the device.

Image: Rear panel connections of the Vocalist Live 3D.

- **Power Input (9VAC 1.3A):** Connect the provided power adapter here.
- **USB MIDI:** For MIDI communication with a computer.
- **MIDI In/Out/Thru:** Connect MIDI cables for external MIDI control or routing.
- **Thru - Guitar - In (1/4-inch jacks):** Connect your guitar here. The 'Thru' output can send the dry guitar signal to an amplifier.
- **Ground Lift:** Switch to eliminate ground hum if present.
- **Footswitch:** Connect an optional footswitch for remote control of functions.
- **Mic In (XLR):** Connect your microphone here. Ensure phantom power (48V) is enabled if using a condenser microphone.
- **Mic/Line Input Level:** Adjust the input gain for your microphone or line-level source.
- **Line Out (1/4-inch jacks):** Connect to your mixer or audio interface.

2.2 Initial Power-Up

1. Connect all necessary audio and MIDI cables.
2. Connect the power adapter to the 9VAC input and then to a power outlet.
3. The device will power on automatically. Allow a few moments for initialization.

3. OPERATING INSTRUCTIONS

The Vocalist Live 3D features an intuitive control panel for easy access to its various functions.

Image: Top panel controls of the Vocalist Live 3D.

3.1 Basic Controls

- **Vocal/Guitar/MIDI Buttons:** Select the input source for harmony detection.
- **Harmony Mix:** Adjust the blend of your dry vocal signal with the generated harmonies.
- **A/B Part Selector:** Switch between different harmony configurations or patches.
- **Humanize:** Adds subtle variations to harmonies for a more natural, human-like sound.
- **Pitch Correct:** Adjust the intensity of real-time pitch correction.
- **Reverb:** Select and adjust the amount of reverb effect (Studio, Room, Hall).
- **Pre-Effects:** Engage and adjust Warmth, Compression, De-Esser, and Noise Gate.

3.2 Creating and Storing Patches

The Vocalist Live 3D allows you to store up to 5 user-defined voicing patches:

1. Adjust all desired harmony, effect, and tone settings using the control knobs.
2. Press and hold the desired patch button (1-5) until the LED flashes, indicating the patch has been saved.
3. To recall a patch, simply press the corresponding patch button.

4. FEATURES IN DETAIL

4.1 MusIQ Technology

DigiTech's proprietary MusIQ Technology intelligently analyzes your vocal input and the accompanying musical context (e.g., guitar chords via the guitar input) to generate harmonies that are always in key and musically appropriate. This eliminates the need for manual key selection, allowing for seamless performance.

4.2 Gender Control

The Gender Control feature allows you to subtly shift the pitch and timbre of the generated harmonies to sound more masculine or feminine, adding depth and realism to your backing vocals.

4.3 Integrated Effects

The Vocalist Live 3D includes a suite of effects to refine your vocal sound:

- **Reverb:** Choose from Studio, Room, or Hall settings to add spatial depth.
- **Pre-Effects:**
  - *Warmth:* Adds subtle harmonic richness.
  - *Compression:* Evens out vocal dynamics.
  - *De-Esser:* Reduces harsh 's' and 'sh' sounds.
  - *Noise Gate:* Eliminates unwanted background noise.

5. MAINTENANCE

To ensure the longevity and optimal performance of your DigiTech Vocalist Live 3D, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Regularly inspect all cables for damage. Replace frayed or damaged cables to prevent signal loss or electrical hazards.
- **Firmware Updates:** Check the DigiTech website periodically for any available firmware updates to ensure your device has the latest features and bug fixes.

6. TROUBLESHOOTING

If you encounter issues with your Vocalist Live 3D, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the device and a working power outlet. Verify the power adapter specifications match the device requirements (9VAC 1.3A).
- **No Sound:**
  - Check all audio cable connections (microphone, guitar, line out).
  - Verify input levels (Mic/Line Input Level knob) are set appropriately.
  - Ensure phantom power (48V) is engaged if using a condenser microphone.
  - Check the output levels of the Vocalist Live 3D and your connected mixer/amplifier.
- **No Harmony:**

- Ensure the correct input source (Vocal/Guitar/MIDI) is selected.
- Verify the Harmony Mix knob is not set to 0.
- If using guitar for harmony detection, ensure the guitar signal is clean and strong.

- **Unwanted Noise/Hum:**

  - Engage the Ground Lift switch on the rear panel.
  - Check for faulty cables or power supply interference.

7. SPECIFICATIONS

Attribute	Value
Item Model Number	Vocalist Live 3D
Item Weight	9.5 ounces (0.27 Kilograms)
Product Dimensions	14.25 x 3.5 x 8 inches
Hardware Interface	USB 2.0
Signal Format	Analog
Voltage	230 Volts
Amperage	300 Milliamps
Audio Output Effects	Reverb

8. RELATED PRODUCT VIDEOS

Explore the capabilities of similar vocal effects processors through these seller-provided videos:

FLAMMA FV04 Harmony Vocal Processor with 11 Harmony Modes

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Video: Demonstration of the FLAMMA FV04 Harmony Vocal Processor, showcasing its 11 harmony modes and reverb effects.

FLAMMA FV03 Character Vocal Effects Pedal with Male Female Baby Robots Sound Effects by Sean Daniel

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Video: Sean Daniel demonstrates the FLAMMA FV03 Character Vocal Effects Pedal, featuring male, female, baby, and robot vocal effects.

FLAMMA FV01 Vocal Delay & Reverb Effects Demo-By Derek Paul Guitar

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Video: Derek Paul Guitar showcases the FLAMMA FV01 Vocal Delay & Reverb Effects Pedal.

FLAMMA FV01 Vocal Pitch Correction Pedal Vocal Effects Processor

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Video: Demonstration of the FLAMMA FV01 Vocal Pitch Correction Pedal and its vocal effects processing capabilities.

FLAMMA FV04 Vocal Harmoney Processor Demo-By Kairon Music

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Video: Kairon Music provides a demo of the FLAMMA FV04 Vocal Harmony Processor.

FLAMMA FV03 Sing Vocal Demo-By Sean Daniel

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Video: Sean Daniel performs a vocal demo using the FLAMMA FV03 pedal.

9. WARRANTY AND SUPPORT

DigiTech products are designed for reliability and performance. This product is covered by a limited warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official DigiTech website.

For technical support, troubleshooting assistance, or service inquiries, please contact DigiTech customer support through their official website or the contact information provided in your product documentation. Keep your purchase receipt as proof of purchase for warranty claims.