

DigiTech RP255

DigiTech RP255 Modeling Guitar Processor and USB Recording Interface User Manual

1. INTRODUCTION

The DigiTech RP255 is a versatile guitar multi-effect processor designed for musicians who gig, practice, and compose. It offers a wide array of tonal possibilities with 94 amps, cabinets, stompboxes, and effects. This unit also features USB streaming audio, allowing for direct recording to a computer. Key functionalities include a built-in 20-second looper, an integrated wah, whammy, and volume pedal, and 60 high-quality drum patterns for practice and songwriting.

2. SETUP AND CONNECTIONS

Proper connection of your RP255 is essential for optimal performance. Follow these steps to set up your device:

- Power Connection:** Connect the included 9V AC adapter to the 9VAC 1.3A power input jack on the rear panel of the RP255. Plug the adapter into a suitable power outlet.
- Guitar Input:** Connect your guitar to the **INPUT** jack on the rear panel using a standard 1/4-inch instrument cable.
- Output to Amplifier/Mixer:** Use 1/4-inch cables to connect the **LEFT (Mono) OUTPUT** and **RIGHT OUTPUT** jacks to your guitar amplifier, mixer, or audio interface. For mono operation, use only the **LEFT (Mono) OUTPUT**.
- Auxiliary Input:** To play along with external audio sources (e.g., MP3 player), connect the device to the **AUX IN** jack using a 1/8-inch stereo cable.
- Headphones:** For silent practice, connect stereo headphones to the **HEADPHONES** jack.
- USB Connection:** Connect the RP255 to your computer using a USB cable for audio streaming and editing presets via software.



Figure 1: Front view of the DigiTech RP255, showing the display and control pedals.



Figure 2: Rear panel of the DigiTech RP255, illustrating input, output, USB, and power connections.

3. OPERATING INSTRUCTIONS

3.1 Navigating Presets

The RP255 comes with numerous factory presets. Use the footswitches to scroll through them. The display will show the preset number and name.

3.2 Effects and Amp Modeling

The RP255 features 94 amps, cabinets, stompboxes, and effects. These can be combined and customized to create unique tones. Refer to the detailed manual for specific parameter adjustments for each effect type.

- **Stompboxes:** Access various overdrive, distortion, and fuzz effects.

- **Amps & Cabinets:** Emulate a wide range of classic and modern guitar amplifiers and speaker cabinets.
- **Modulation Effects:** Includes chorus, flanger, phaser, and tremolo for adding movement to your sound.
- **Delay & Reverb:** Essential time-based effects for depth and atmosphere.

3.3 Looper Functionality

The built-in 20-second looper allows you to record and layer guitar phrases. This is ideal for practice, songwriting, or creating complex arrangements. Consult the full manual for detailed instructions on recording, overdubbing, and playback.

3.4 Drum Patterns

The RP255 includes 60 high-quality drum patterns. These can be used as a rhythmic backing for practice sessions or as a foundation for new song ideas. Adjust tempo and volume to suit your needs.

3.5 USB Audio Streaming

Connect the RP255 to your computer via USB to use it as an audio interface. This allows you to record your guitar directly into a Digital Audio Workstation (DAW) with the RP255's effects and amp models. It also enables editing and managing presets using dedicated software.

4. MAINTENANCE

To ensure the longevity and optimal performance of your DigiTech RP255, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish.
- **Storage:** Store the RP255 in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Avoid dropping the unit or subjecting it to strong impacts. Always disconnect power and cables when moving the device.
- **Power Supply:** Use only the specified 9V AC power adapter. Using an incorrect power supply can damage the unit and void the warranty.

5. TROUBLESHOOTING

If you encounter issues with your DigiTech RP255, try the following troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the RP255 and a working power outlet. Verify the power adapter is the correct type (9V AC).
- **No Sound:** Check all cable connections (guitar, output to amp/mixer, headphones). Ensure your guitar's volume is up and your amplifier is turned on and set to an audible volume. Verify that the RP255 is not in Tuner/Bypass mode if you expect an effect.
- **Unexpected Sound/Noise:** Check for loose cable connections. Ensure proper grounding. Try resetting the unit to factory defaults (refer to the full manual for instructions).
- **USB Connection Issues:** Ensure the USB cable is securely connected. Try a different USB port or cable. Reinstall any necessary drivers or software on your computer.

For more complex issues, consult the complete DigiTech RP255 user manual or contact DigiTech customer support.

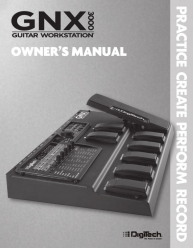


6. SPECIFICATIONS

- **Item Weight:** 4.75 pounds
- **Product Dimensions:** 14.25 x 2.75 x 8.75 inches
- **Item Model Number:** RP255
- **Hardware Interface:** USB
- **Signal Format:** Analog
- **Power Source:** Corded Electric
- **Voltage:** 9 Volts
- **Color:** Black
- **Effects:** 94 Amps, cabinets, stompboxes, and effects
- **Looper:** Built-in 20-second looper
- **Pedal:** Built-in wah, whammy, and volume pedal
- **Drum Patterns:** 60 high-quality drum patterns

7. WARRANTY AND SUPPORT

The DigiTech RP255 comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions. For technical support, service, or additional information, please visit the official DigiTech website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

Related Documents - RP255

	<p>DigiTech GNX3000 Guitar Workstation Owner's Manual</p> <p>Comprehensive owner's manual for the DigiTech GNX3000 Guitar Workstation. Learn about its GeNetX™ multi-modeling guitar processor, Component Based Modeling™, drum machine, USB audio/MIDI interface, and recording features. Includes setup guides, effect definitions, and operational details.</p>
	<p>DigiTech RP500 Integrated Effects Switching System Owner's Manual</p> <p>Comprehensive owner's manual for the DigiTech RP500, detailing its features, operation, effects, connections, and specifications for guitarists.</p>
	<p>DigiTech RP80 Modeling Guitar Processor User's Guide</p> <p>Comprehensive user's guide for the DigiTech RP80 Modeling Guitar Processor, covering front and rear panel controls, connections, effects, presets, specifications, and troubleshooting.</p>



[DigiTech RP355 Modeling Guitar Processor Owner's Manual](#)

Comprehensive owner's manual for the DigiTech RP355 Modeling Guitar Processor, detailing its features, operation, connections, safety information, specifications, and troubleshooting.



[DigiTech RP80 Modeling Guitar Processor User's Guide](#)

Comprehensive user's guide for the DigiTech RP80 Modeling Guitar Processor. Learn about its features, effects, connections, operation, and specifications.



[DigiTech RP360 and RP360XP Guitar Multi-Effects Processors Owner's Manual](#)

Discover the capabilities of the DigiTech RP360 and RP360XP guitar multi-effects processors. This owner's manual details features such as 85 stompbox pedals, 54 amplifier models, 26 cabinet models, a 40-second phrase looper, USB audio streaming, and the Nexus editor/librarian software, empowering guitarists to craft their unique sound.