JOYO Gem Box II

JOYO Gem Box II Guitar Multi-Effects Pedal User Manual

Model: Gem Box II

1. INTRODUCTION

The JOYO Gem Box II is a versatile guitar multi-effects processor designed to provide a wide range of tones and functionalities for guitarists. This unit features a high-brightness LCD display, multiple effect modules, amp simulations, drum rhythms, and a built-in expression pedal. This manual will guide you through the setup, operation, and maintenance of your Gem Box II.

2. FEATURES

- High brightness LCD display for clear visibility.
- 8 Effect modules and 66 Effect types for diverse sound shaping.
- 23 Drive sounds with 7 legendary amplifier simulators.
- 80 Factory preset patches and 80 User patches for storing custom sounds.
- 40 Drum rhythms and 10 Metronome rhythms for practice and jamming.
- Built-in Expression Pedal for real-time control of volume or effect parameters.
- Integrated tuner function.

3. PACKAGE CONTENTS

Please check that all items are present in your package:

- JOYO Gem Box II Multi-Effects Pedal
- Power Adapter (not explicitly listed but implied for operation)
- 2 Instrument Cables
- Cleaning Cloth
- User Manual (this document)

4. CONTROLS AND FUNCTIONS

Familiarize yourself with the various controls and their functions on the Gem Box II.

An overhead view of the JOYO Gem Box II multi-effects pedal, featuring its control knobs, LCD screen, footswitches, and expression pedal. Also shown are two black instrument cables with silver connectors and a gray cleaning cloth.

4.1. Top Panel Controls

- **VALUE Knob:** Adjusts parameter values, navigates menus, and selects options.
- **MODE Knob:** Selects different operating modes or effect modules.
- **PEDAL Button:** Assigns the expression pedal to control specific parameters.
- **SAVE Button:** Saves edited patches or settings.
- **TAP Button:** Sets the tempo for delay effects or drum machine.
- **LOOP Button:** Activates and controls the looper function.
- **RHYTHM Button:** Accesses and controls the drum machine and metronome.
- **LCD Display:** Shows current patch number, effect parameters, tuner display, and menu information.
- **ON/OFF Indicator:** LED light indicating the unit's power status.

4.2. Footswitches

- **PLAY/RECORD Footswitch:** Initiates playback or recording in looper mode. Also used for navigating patches.
- **STOP/DELETE Footswitch:** Stops playback or deletes recordings in looper mode. Also used for navigating patches.
- **HOLD FOR TUNING:** Press and hold both footswitches simultaneously to activate the built-in tuner.

4.3. Expression Pedal

The integrated expression pedal can be used to control various parameters in real-time, such as volume, wah, or other effect parameters, depending on its assignment.

5. SETUP

5.1. Power Connection

1. Ensure the Gem Box II is switched off.
2. Connect the provided power adapter to the DC IN jack on the pedal.
3. Plug the power adapter into a suitable AC outlet.

5.2. Audio Connections

1. Connect your guitar to the **INPUT** jack using a standard instrument cable.
2. Connect the **OUTPUT** jack of the Gem Box II to your amplifier, mixer, or audio interface using another instrument cable.

6. OPERATING INSTRUCTIONS

6.1. Powering On/Off

To power on the unit, ensure the power adapter is connected, then press the power button (if available, or it powers on automatically upon connection). To power off, disconnect the power adapter.

6.2. Navigating Presets

Use the PLAY/RECORD and STOP/DELETE footswitches to scroll through the available factory and user presets. The LCD display will show the current patch number and name.

6.3. Editing Effects

1. Select a patch you wish to edit.
2. Use the MODE knob to select the effect module you want to adjust (e.g., Drive, Modulation, Delay).
3. Use the VALUE knob to adjust the parameters within the selected effect module.
4. Repeat for other effect modules as desired.

6.4. Saving Presets

1. After editing a patch, press the SAVE button.
2. Use the footswitches or VALUE knob to select a user patch location to save your edited sound.
3. Press the SAVE button again to confirm.

6.5. Using the Tuner

Press and hold both footswitches simultaneously to activate the tuner. Play a single note on your guitar,

and the LCD display will show the note and indicate if it is sharp, flat, or in tune. Press either footswitch to exit tuner mode.

6.6. Using the Drum Machine and Metronome

1. Press the RHYTHM button to enter drum/metronome mode.
2. Use the VALUE knob to select different drum patterns or metronome types.
3. Use the TAP button to set the tempo.
4. Press the RHYTHM button again to exit.

6.7. Using the Looper

1. Press the LOOP button to enter looper mode.
2. Press the PLAY/RECORD footswitch once to start recording.
3. Press the PLAY/RECORD footswitch again to stop recording and start playback.
4. Press the PLAY/RECORD footswitch a third time to overdub.
5. Press the STOP/DELETE footswitch once to stop playback.
6. Press and hold the STOP/DELETE footswitch to delete the recorded loop.
7. Press the LOOP button again to exit looper mode.

6.8. Expression Pedal Functions

Press the PEDAL button to assign the expression pedal. You can typically assign it to control volume, wah, or other effect parameters. Refer to the on-screen prompts or specific menu options for detailed assignment procedures.

7. MAINTENANCE

To ensure the longevity and optimal performance of your JOYO Gem Box II, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth (like the one provided) to wipe down the unit. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the unit. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. If transporting, use a padded case to protect it from physical damage.
- **Power:** Always use the specified power adapter. Disconnect power when the unit is not in use for extended periods.

8. TROUBLESHOOTING

If you encounter issues with your Gem Box II, consult the table below for common problems and solutions.

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty.	Ensure power adapter is securely connected and plugged into a working outlet. Test with another compatible adapter if available.

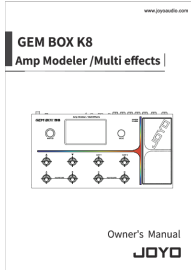| Problem	Possible Cause	Solution
No sound output	Incorrect cable connections; volume too low; effect bypassed.	Check all input/output cables. Increase amplifier volume. Ensure the pedal is not in bypass mode or that the patch volume is not set to zero.
Distorted or noisy sound	Input level too high; faulty cables; power supply issues.	Adjust guitar output or pedal input level. Try different cables. Ensure power supply is stable and correct voltage.
Expression pedal not working	Not assigned to a parameter; calibration issue.	Press the PEDAL button to assign it. Check the manual for calibration steps if available.

If the problem persists after trying these solutions, please contact JOYO customer support.

9. SPECIFICATIONS

Feature	Specification
Item Weight	2 pounds (0.91 kg)
Product Dimensions	10 x 6 x 4 inches (25.4 x 15.24 x 10.16 cm)
Item Model Number	joyo gem box 2
Color	Black
Signal Format	Analog
Power Source	Corded Electric
Voltage	9 Volts
Effect Modules	8
Effect Types	66
Amp Simulators	7
Preset Patches	80 Factory, 80 User
Drum Rhythms	40
Metronome Rhythms	10

10. WARRANTY AND SUPPORT

The JOYO Gem Box II comes with a standard manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions. For technical support, service, or warranty claims, please contact JOYO customer service through their official website or your authorized dealer.

Related Documents - Gem Box II

JOYO GEM BOX K8 Amp Modeler / Multi-effects Owner's Manual

Comprehensive owner's manual for the JOYO GEM BOX K8 Amp Modeler and Multi-effects unit, detailing features, layout, connection scenarios, operations, software, and effect descriptions. Learn how to connect and use this versatile guitar effects processor.

JOYO UZI R-03 Distortion Guitar Effect Pedal - User Manual and Specifications

Detailed information on the JOYO UZI R-03 Distortion guitar effect pedal, including specifications, features, controls, and warranty information. Learn how to use and maintain your UZI R-03.

JOYO JF-15 CALIFORNIA SOUND Guitar Effect Pedal User Manual

User manual for the JOYO JF-15 CALIFORNIA SOUND guitar effect pedal, detailing warnings, battery replacement, usage instructions, specifications, and manufacturer service information.

JOYO JF-16 British Sound Guitar Effect Pedal User Manual

Comprehensive user manual for the JOYO JF-16 British Sound guitar effect pedal, covering warnings, battery replacement, usage instructions, technical specifications, and warranty information.

JOYO JF-13 AC TONE Guitar Effect Pedal User Manual

User manual for the JOYO JF-13 AC TONE guitar effect pedal, providing detailed instructions on operation, battery replacement, specifications, and safety precautions.

JOYO DARK FLAME R-17 Distortion Guitar Effect Pedal Manual

Comprehensive user manual and product overview for the JOYO R-17 DARK FLAME distortion guitar effect pedal, part of the Revolution Series. Includes specifications, control descriptions, LED lighting modes, warranty information, and manufacturer details.