

JOYO R-06 O.M.B, JP-05

JOYO R-06 O.M.B Looper & Drum Machine Pedal and JP-05 Power Supply User Manual

Comprehensive Guide for Setup, Operation, and Maintenance

1. INTRODUCTION

This manual provides detailed instructions for the JOYO R-06 O.M.B Looper & Drum Machine Pedal and the JOYO JP-05 Pedal Power Supply. These two devices are designed to enhance your musical performance and practice, offering versatile looping, drum rhythms, and reliable power distribution for your pedalboard.

2. JOYO R-06 O.M.B LOOPER & DRUM MACHINE PEDAL OVERVIEW

The JOYO R-06 O.M.B (One Man Band) is a versatile pedal combining a looper and a drum machine. It features three operational modes: LOOPER cycle recording, independent drum machine, and a combined LOOPER + Drum mode. It offers auto-align and Count-In functions for precise looping, 40 minutes of recording time, and unlimited overdubbing.



Image: Front view of the JOYO R-06 O.M.B. Looper & Drum Machine Pedal, showcasing its control knobs for LOOPER, DRUM, GENRE, LEVEL, BAR, and the mode toggle switch.

2.1 Controls and Connections

- **LOOPER Knob:** Adjusts the playback volume of the recorded loop.
- **DRUM Knob:** Adjusts the volume of the drum machine.
- **GENRE Knob:** Selects the drum rhythm genre (Blues, Rock, Pop, Metal, Funk, Jazz, Latin).
- **LEVEL Knob:** Adjusts the overall output level.
- **BAR Knob:** Selects the number of bars for the drum pattern (1, 2, 4, 8, 12, 16).
- **TAP Button:** Used for tap tempo input for the drum machine.
- **Mode Toggle Switch:** Selects between LOOPER, L+D (Looper + Drum), and DRUM modes.
- **Footswitch:** Controls recording, playback, overdubbing, undo/redo, and clearing loops.
- **Input Jack:** Connect your instrument.
- **Output Jack:** Connect to an amplifier or other pedals.
- **DC 9V Input:** For power adapter (center negative).

3. JOYO JP-05 PEDAL POWER SUPPLY OVERVIEW

The JOYO JP-05 is a versatile pedal power supply featuring a built-in rechargeable battery, making it ideal for powering multiple pedals without needing a wall outlet. It offers various DC output options and a USB port for charging other devices.



Image: The JOYO JP-05 Pedal Power Supply shown with its various output jacks and the included power cables for connecting pedals.

3.1 Features and Outputs

- **DC 9V Input:** For charging the internal battery or powering the unit directly.
- **DC 5V/1A USB Output:** For charging mobile phones, tablets, or other USB-powered devices.
- **8 DC Output Jacks:**
 - 4 x 9V 100mA outputs
 - 3 x 9V 500mA outputs
 - 1 x 9V/12V/18V adjustable output (max 100mA)

- **Battery Life:** Approximately 2 hours for high-current digital pedals, over 10 hours for 8 analog pedals.

4. SETUP

4.1 Connecting the JOYO R-06 O.M.B Pedal

1. Connect your instrument (guitar, bass, etc.) to the **INPUT** jack of the R-06 pedal.
2. Connect the **OUTPUT** jack of the R-06 pedal to your amplifier's input or to the next pedal in your signal chain.
3. Connect a DC 9V (center negative) power adapter to the **DC 9V** input jack of the R-06. Ensure the power supply provides at least 100mA.



Image: The JOYO R-06 O.M.B pedal positioned on an amplifier, with instrument and output cables connected, ready for use.

4.2 Connecting the JOYO JP-05 Power Supply

1. Connect the included power adapter to the **DC 9V IN** jack of the JP-05. This will charge the internal battery or power

the unit.

2. Using the provided DC cables, connect your pedals to the appropriate output jacks on the JP-05. Match the voltage (9V, 12V, 18V) and current (100mA, 500mA) requirements of each pedal to the corresponding output.
3. For the adjustable 9V/12V/18V output, ensure the switch is set to the correct voltage for your pedal before connecting.
4. If desired, connect a USB cable to the **DC 5V/1A OUT** port to charge a mobile device.



Image: The JOYO JP-05 power supply actively powering several guitar pedals on a pedalboard, demonstrating its multi-output capability.

5. OPERATING INSTRUCTIONS

5.1 JOYO R-06 O.M.B Pedal Operation

The R-06 pedal offers three distinct modes, selectable via the toggle switch:

- **LOOPER Mode:**

- Press the footswitch once to start recording. The LED will turn red.
- Press again to stop recording and start playback. The LED will turn green.
- Press again during playback to overdub. The LED will flash red.
- Double-press to stop playback.
- Press and hold to undo the last overdub. Press and hold again to redo.
- Double-press and hold to clear the entire loop.
- Features auto-align and Count-In functions for precise loop timing.

- **DRUM Mode:**

- Use the **GENRE** knob to select a drum style.
- Use the **BAR** knob to set the number of bars for the drum pattern.
- Tap the **TAP** button to set the tempo.
- Press the footswitch once to start the drum pattern. Press again to stop.
- Adjust drum volume with the **DRUM** knob.

- **L+D (Looper + Drum) Mode:**

- Combines the functionality of both modes. The drum pattern will start automatically when you begin recording a loop.
- Follow the LOOPER mode instructions for recording and playback, and the drum machine will synchronize.

5.2 JOYO JP-05 Power Supply Operation

- **Powering On/Off:** The unit typically powers on automatically when connected to pedals or when the internal battery is active. Disconnect pedals or the input power to turn off.
- **Battery Status:** Indicator lights on the unit show the remaining battery charge. Recharge when the battery level is low.
- **Charging External Devices:** Connect your USB device to the 5V/1A USB output port.
- **Adjusting Variable Output:** For the 9V/12V/18V output, use the small switch next to the jack to select the desired voltage before connecting a pedal.



Image: The JOYO JP-05 power supply illuminated with blue LED lights, indicating active power outputs and operational status.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of both pedals. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the pedals in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, ensure the JP-05's battery is partially charged (around 50%) to prolong its lifespan.
- **Battery Care (JP-05):** To maintain the health of the JP-05's internal battery, avoid fully discharging it frequently. Recharge it regularly, especially if not used for a long time.
- **Connections:** Periodically check all cables and connections for wear and tear. Replace damaged cables to ensure optimal performance and safety.

7. TROUBLESHOOTING

7.1 JOYO R-06 O.M.B Pedal

- **No Sound:**
 - Check all cable connections (instrument, output to amp).
 - Ensure the pedal is receiving power.
 - Verify the LOOPER and DRUM volume knobs are not set to zero.
 - Check the LEVEL knob.
- **Looper Not Recording/Playing:**
 - Ensure the pedal is in LOOPER or L+D mode.
 - Confirm correct footswitch presses for record/play.
 - Check if the loop memory is full (though it has 40 minutes, ensure no previous errors).
- **Drum Machine Issues:**
 - Ensure the pedal is in DRUM or L+D mode.
 - Check the DRUM volume knob.
 - Verify a genre and bar count are selected.

7.2 JOYO JP-05 Power Supply

- **Pedals Not Powering On:**
 - Check if the JP-05's internal battery is charged or if it's connected to its own power adapter.
 - Ensure the correct voltage and current output are selected for each pedal. Overdrawing current can cause issues.
 - Verify all DC cables are securely connected.
- **JP-05 Not Charging:**
 - Ensure the input power adapter is correctly connected and functional.
 - Check the charging indicator lights.

8. SPECIFICATIONS

8.1 JOYO R-06 O.M.B Looper & Drum Machine Pedal

Feature	Specification
Recording Time	40 minutes
Overdubbing	Unlimited
Power Requirement	DC 9V (center negative), 100mA
Signal Format	Analog
Audio Output Effects	Multi-Effect

8.2 JOYO JP-05 Pedal Power Supply

Feature	Specification
Input	DC 9V

DC Output 1-4	9V 100mA
DC Output 5-7	9V 500mA
DC Output 8	9V/12V/18V adjustable, max 100mA
USB Output	5V 1A
Battery Life (Digital Pedals)	Approx. 2 hours (high current)
Battery Life (Analog Pedals)	Over 10 hours (8 analog pedals)
Power Source	Battery Powered, Corded Electric

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official JOYO website or contact your authorized JOYO dealer. Keep your purchase receipt as proof of purchase for any warranty claims.

JOYO Official Website: www.joyoaudio.com

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