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› [JOYO Jackman II BanTamp XL Series Mini Amp Head 20W Hybrid Tube Guitar Amplifier Instruction Manual](#)

## JOYO Manufacturer-JOYO-BTP-JACKMAN-II

# JOYO Jackman II BanTamp XL Series Mini Amp Head 20W Hybrid Tube Guitar Amplifier Instruction Manual

Model: Manufacturer-JOYO-BTP-JACKMAN-II

## 1. INTRODUCTION

Thank you for purchasing the JOYO Jackman II BanTamp XL Series Mini Amp Head. This 20W hybrid tube 2-channel guitar amplifier with Bluetooth is designed to provide versatile tones for various musical styles, including Clean, Distortion, Metal, and Rock. Its compact size and robust features make it an ideal solution for practice, studio, and small venue performances. This manual provides essential information for safe and effective use of your amplifier.

## 2. SAFETY INFORMATION

- **Power Source:** Use only the provided DC18V/2A power supply. Ensure the power outlet matches the required voltage.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Moisture:** Do not expose this equipment to rain or moisture. Avoid using near water sources.
- **Servicing:** Do not attempt to service this unit yourself. Refer all servicing to qualified personnel.
- **Speaker Connection:** Always connect a speaker cabinet to the SPEAKER OUTPUTS before powering on the amplifier to prevent damage to the unit. Minimum impedance is 8 ohms.
- **Handling:** Handle the unit with care. Avoid dropping or subjecting it to strong impacts.

## 3. WHAT'S IN THE BOX

- JOYO Jackman II BanTamp XL Series Mini Amp Head (Requires extra cabinet speaker)
- Footswitch
- DC18V/2A Power Supply
- Footswitch Connecting Cable
- Speaker Cable

## 4. SETUP

### 4.1 Connecting Your Amplifier

1. **Power Connection:** Connect the provided DC18V/2A power supply to the DC18V 2.0A input on the rear panel of the amplifier. Plug the power supply into a suitable wall outlet.
2. **Speaker Connection:** Connect your speaker cabinet (minimum 8Ω impedance) to the SPEAKER OUTPUTS jack on the rear panel using the provided speaker cable. **WARNING: Ensure a speaker is connected before powering on the amplifier.**
3. **Guitar Input:** Connect your guitar to the INPUT jack on the front panel.
4. **Footswitch Connection:** Connect the footswitch to the FOOTSWITCH jack on the rear panel using the footswitch connecting cable. This allows for convenient channel switching.
5. **FX Loop:** For external effects pedals (e.g., delays, reverbs, choruses), connect them to the FX LOOP SEND and RETURN jacks on the rear panel. The SEND jack connects to the input of your effects chain, and the RETURN jack connects from the output of your effects chain back to the amplifier.
6. **Headphones:** For silent practice, connect headphones to the PHONES jack on the rear panel. This output includes cabinet speaker emulation.

## 4.2 Physical Overview



**Image 4.2.1:** Front panel of the JOYO Jackman II BanTamp XL Mini Amp Head, showing input, channel switches, gain, tone, volume, Bluetooth button, and power switch.



**Image 4.2.2:** Rear panel of the JOYO Jackman II BanTamp XL Mini Amp Head, showing speaker outputs, footswitch, phones, FX loop, and power input.



Image 4.2.3: Diagram illustrating the dimensions of the JOYO Jackman II BanTamp XL Mini Amp Head: 4.33 x 5.51 x 6.42 inches.

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Operation

1. **Power On:** After all connections are made, press the POWER switch on the front panel to turn on the amplifier. The ON indicator light will illuminate.
2. **Channel Selection:** Use the CLEAN/OD toggle switch on the front panel to select between the Clean and Overdrive (Distortion) channels. The corresponding LED will light up (green for Clean, red for Overdrive). You can also switch channels using the external footswitch.
3. **Adjusting Tone:** Each channel has independent controls for Volume, Gain, and Tone. Adjust these knobs to achieve your desired sound. The Jackman II is known for its classic mid-gain drive and dynamic response, making it an excellent platform for various pedals.
4. **Bluetooth Function:** Press the BLUETOOTH button to activate Bluetooth mode. The Bluetooth indicator LED will blink. Pair your Bluetooth device (e.g., smartphone, tablet) to stream backing tracks or lessons wirelessly.

### 5.2 Key Features

- **Hybrid Tube Design:** Features a genuine 12AX7 preamp tube for rich harmonics combined with a reliable solid-state power section.
- **Versatile Clean Channel:** The pristine clean channel serves as an excellent foundation for external pedals, allowing you to

shape your tone with various effects.

- **Professional FX Loop:** The FX loop allows you to place time-based and modulation effects (delays, reverbs, choruses, flangers, phasers) after the drive stage, ensuring clarity and articulation of your effects.
- **Headphone Output with Cab Emulation:** The built-in headphone output provides a convenient solution for silent practice, complete with cabinet speaker emulation for a realistic sound.

5.3 Product Videos

- Video 5.3.1:** Official product video showcasing the JOYO JACKMAN II BanTamp XL Series Mini Amp Head. This video provides an overview of the amplifier's features and sound capabilities.
- Video 5.3.2:** A demonstration video highlighting the 80s-inspired tones achievable with the JOYO Jackman II amplifier. This video focuses on the amplifier's tonal characteristics.
- Video 5.3.3:** A detailed review and demo of the Joyo Jackman II, comparing its sound to a Marshall JCM 800 amplifier. This video offers insights into its performance and versatility.
- Video 5.3.4:** An overview of the JOYO BanTamp Series Guitar Amp Heads, including the Jackman II. This video provides context within the BanTamp product line.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the amplifier's exterior. Do not use liquid cleaners or abrasive materials.
- **Tube Replacement:** The 12AX7 preamp tube may need replacement over time. If you experience a significant change in tone or performance, consult a qualified technician for tube replacement.
- **Storage:** Store the amplifier in a dry, cool place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

- **No Sound:** Ensure a speaker cabinet is properly connected to the SPEAKER OUTPUTS. The amp head does not produce sound on its own and requires an external cabinet speaker. Check all cable connections (guitar, power, speaker). Verify the amplifier is powered on and the volume/gain controls are not set to zero.
- **Excessive Noise/Hum:** Check for proper grounding of all equipment. Ensure all cables are in good condition. Try using a different power outlet. If using external pedals, try bypassing them to isolate the source of the noise.
- **Bluetooth Connection Issues:** Ensure the Bluetooth button is pressed and the indicator LED is blinking. Check that your device's Bluetooth is enabled and visible. Try restarting both the amplifier and your Bluetooth device.

8. SPECIFICATIONS

Feature	Detail
Brand	JOYO
Model Number	Manufacturer-JOYO-BTP-JACKMAN-II
Output Wattage	20 Watts
Preamp Tube	1 x 12AX7
Channels	2 (Clean, Overdrive)
Speaker Output Impedance	Min 8 Ohms

Power Source	Corded Electric (DC18V/2A)
Item Weight	2.64 pounds
Product Dimensions	4.33 x 5.51 x 6.42 inches
Material Type	Metal
Color	Red

## 9. WARRANTY & SUPPORT

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Warranty information was not explicitly provided in the product data. For any product issues, please refer to your order details and contact the seller directly. JOYO Technology is committed to providing the best service for its customers.