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NUX NMP-2

NUX NMP-2 Dual Footswitch User Manual

Model: NMP-2

1. INTRODUCTION

The NUX NMP-2 is a versatile dual footswitch controller designed for use with various musical instruments and effects units. It offers both latching and momentary switching capabilities, providing flexible control options for your setup. This manual provides detailed instructions for connecting, operating, and maintaining your NMP-2 footswitch.



Figure 1: NUX NMP-2 Dual Footswitch. This image shows the overall design of the NMP-2, highlighting its compact form factor and dual footswitches.

Key Features:

- Versatile dual switch controller with OPEN, CLOSE, and LATCH modes.
- Combines momentary and latch-type controls for flexible application.
- Can be used for phrase up/down with devices like the Loop Core Deluxe.
- Connects to gear with TRS 1/4" (6.35 mm) phone jacks using stereo cables.
- Multi-foot controller for arranger instruments (keyboards, modules, effect pedals).
- Compact design for easy integration into pedal setups.

2. COMPONENT IDENTIFICATION

Familiarize yourself with the various components of the NMP-2 footswitch:

1. **Foot Switch A:** Activates functions for devices connected to Jack A or Jack B&A.

2. **Foot Switch B:** Activates functions for devices connected to Jack B or Jack B&A.
3. **Foot Switch A Indicator:** Lights up to show the status of Foot Switch A. In latch mode, it alternates on/off. In momentary mode, it lights only while pressed.
4. **Foot Switch B Indicator:** Lights up to show the status of Foot Switch B. In latch mode, it alternates on/off. In momentary mode, it lights only while pressed.
5. **DC Jack (9V):** Power input for activating Latch, Open, and Close modes with indicator lights. Requires a 9V power supply (positive outside, negative inside) with a 2.5mm plug.
6. **Jack A:** Connects to devices controlled by Foot Switch A. Use a 1/4" (6.35mm) mono phone plug cable.
7. **Jack B&A:** Connects to devices equipped with TRS or TS 1/4" (6.35mm) phone jacks. Use a stereo or mono 1/4" (6.35mm) phone plug cable. Note: TS (mono) is for Foot Switch B only. For simultaneous operation of Foot Switch A and B, a TRS (stereo) cable must be used here.
8. **Mode Switch:** Sets the function for Foot Switch A and B to LATCH, Momentary (Open), or Momentary (Close). Refer to your connected device's manual for the appropriate setting.



Figure 2: Rear view of the NMP-2. This image highlights the DC 9V input, Jack A, Jack B&A, and the Mode Switch (Latch, Open, Close).

3. SETUP AND CONNECTIONS

Follow these steps to connect your NMP-2 footswitch to your equipment:

1. **Power Connection:** Connect a 9V DC power adapter (positive outside, negative inside, 2.5mm plug) to the DC Jack (5). This power supply is necessary for the Latch, Open, and Close modes to function with indicator lights.
2. **Connecting to Devices:**
 - **For Foot Switch A only:** Use a 1/4" (6.35mm) mono phone plug cable to connect Jack A (6) on the NMP-2 to the control input of your device.
 - **For Foot Switch B only (mono):** Use a 1/4" (6.35mm) mono phone plug cable to connect Jack B&A (7) on the NMP-2 to the control input of your device.
 - **For Foot Switch A and B simultaneously (stereo):** Use a 1/4" (6.35mm) stereo (TRS) phone plug cable to connect Jack B&A (7) on the NMP-2 to the control input of your device. Ensure your device supports TRS input for dual footswitch control.
3. **Setting the Mode Switch:** Locate the Mode Switch (8) on the rear of the unit. Set it to LATCH, OPEN, or CLOSE according to the requirements of the device you are controlling. Consult the owner's manual of your connected device for the correct setting.



Figure 3: Side view of the NMP-2. This image shows the robust construction and the two footswitches labeled A and B.

4. OPERATING THE FOOTSWITCH

Once connected and configured, operate the NMP-2 as follows:

- **LATCH Mode:** When the Mode Switch is set to LATCH, pressing Foot Switch A or B will toggle its state (on/off). The corresponding indicator light will alternately light or go out with each press. This mode is suitable for functions that require a persistent on/off state.
- **MOMENTARY (OPEN) Mode:** When the Mode Switch is set to OPEN, the Tip and Sleeve of the connected mono cable are opened only while the footswitch is held down. The indicator light will remain lit only while the switch is pressed. This mode is useful for functions that activate only for the duration of the press.
- **MOMENTARY (CLOSE) Mode:** When the Mode Switch is set to CLOSE, the Tip and Sleeve of the connected mono cable are closed only while the footswitch is held down. The indicator light will remain lit only while the switch is pressed. This mode is also for functions that activate only for the duration of the press, but with an inverse electrical behavior compared to OPEN mode.

Always refer to the manual of your connected device to determine the correct footswitch mode (Latch, Open, or Close) required for its specific functions.

5. MAINTENANCE

To ensure the longevity and optimal performance of your NUX NMP-2 Dual Footswitch, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners, waxes, or solvents, as these can damage the finish.
- **Storage:** Store the footswitch in a dry environment, away from extreme temperatures, humidity, and direct sunlight.
- **Handling:** Avoid dropping the unit or subjecting it to strong impacts, which can damage internal components.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from damage.

6. TROUBLESHOOTING

If you encounter issues with your NMP-2 footswitch, refer to the following common troubleshooting steps:

- **No Response from Connected Device:**
 - Ensure the NMP-2 is properly powered if using Latch/Open/Close modes with indicators.
 - Verify all cables are securely connected to both the NMP-2 and your device.
 - Check the Mode Switch (Latch, Open, Close) setting. It must match the requirement of your connected device.
 - Confirm that the connected device's control input is functioning correctly.
 - If using Jack B&A for dual control, ensure you are using a TRS (stereo) cable.
- **Indicator Lights Not Working:**
 - Ensure the NMP-2 is connected to a 9V DC power supply. The indicators require power to function.
 - Check the power adapter and outlet.
- **Incorrect Footswitch Behavior:**
 - Double-check the Mode Switch setting. An incorrect setting (e.g., LATCH instead of MOMENTARY) will cause unexpected behavior.
 - Consult the manual of your connected device to confirm the expected footswitch type (latching, momentary open, momentary close).

If the problem persists after trying these steps, contact NUX customer support for further assistance.

7. SPECIFICATIONS

Feature	Specification
Model	NMP-2
Operation Mode	Foot switch
Operating Voltage	9 Volts DC (Positive outside, Negative inside)
Contact Type	Normally Open
Connector Type	1/4" Phone Jack, 2.5mm DC Jack

Feature	Specification
Circuit Type	2-way
Actuator Type	Push Button
Contact Material	Metal (Copper)
International Protection Rating	IP54
Number of Positions	2
Control Method	Touch
Material	Metal
Product Dimensions (L x W x H)	4 x 2 x 2 inches (10.16 x 5.08 x 5.08 cm)
Item Weight	10.4 ounces (295 grams)

8. WARRANTY INFORMATION

NUX products are manufactured to high quality standards. For detailed warranty information regarding your NMP-2 Dual Footswitch, please refer to the warranty card included with your purchase or visit the official NUX website. Warranty terms and conditions may vary by region and retailer.

9. CUSTOMER SUPPORT

If you require technical assistance, have questions about your NMP-2 Dual Footswitch, or need to report a problem, please contact NUX customer support through their official website or the contact information provided with your product. Please have your product model number (NMP-2) and purchase details ready when contacting support.