NUX

PMS-2

MINI SWITCHER USER'S MANUAL

Thank you for choosing the NUX MS-2 mini switcher. MIDI protocol is a common audio control protocol. A lot of modern devices support MIDI protocol. It brings much convenience for the control between these devices. But there are still a lot of traditional devices which do not support MIDI protocol. Use PMS-2 mini switcher can make the control of these devices become much easier and more efficient. PMS-2 is a MIDI switcher that is able to switch 6 devices with 128 presets. With an external foot switch, you can easily switch several amplifier channels and effects. It can be used together with the NUX PLS-4 for more connection possibilities. Control your stage rigs like a rock star!

Please take the time to read this manual carefully to get the most out of the unit. We recommend that you keep the manual at hand for future reference.

FEATURES

- Full metal housing, substantial and compact design, very portable and easy to use.
- 128 Presets.
- External footswitch pedal for remote function.
- Switch 6 devices via a MIDI pedal(optional).
- Latched mode and unlatched mode.

WARNING!-IMPORTANT SAFETY INSTRUCTIONS BEFORE CONNECTING, READ INSTRUCTIONS.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION: To reduce the risk of fire or electric shock, do not remove screws. No user-serviceable parts inside. Refer servicing to qualified service personnel.

CAUTION: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The lightning symbol within a triangle means "electrical caution!" It indicates the presence of information about operating voltage and potential risks of electrical shock.

The exclamation point within a triangle means "caution!" Please read the information next to all caution signs.

1. Use only the supplied power supply or power cord. If you are not sure of the type of power available, consult your dealer or local power company.
2. Do not place near heat sources, such as radiators, heat registers, or appliances which produce heat.
3. Guard against objects or liquids entering the enclosure.
4. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.
5. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
6. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
7. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and at the point where they exit from the apparatus.
8. Prolonged listening at high volume levels may cause irreparable hearing loss and/or damage. Always be sure to practice "safe listening".

Follow all instructions and heed all warnings
**KEEP THESE INSTRUCTIONS!**

PRODUCT INTERFACE
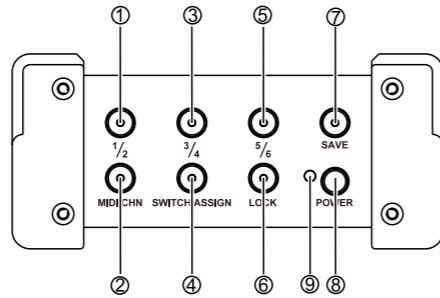
1. Button 1 sets the state of switcher 1.
2. Button 2 sets the state of switcher 2.
3. Button 3 sets the state of switcher 3.
4. Button 4 sets the state of switcher 4.
5. Button 5 sets the state of switcher 5.
6. Button 6 sets the state of switcher 6.
7. Save button saves the current settings.
8. Power button turns on/off this device.
9. Status LED

TIP:(1、3、5)
RING:(2、4、6)
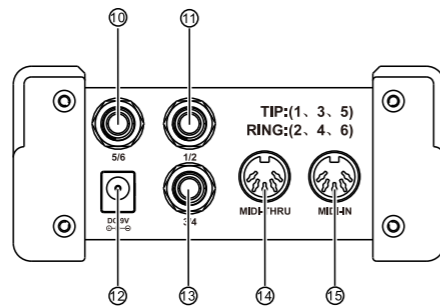
10. Jack 5/6 output the state of switcher 5/6. The top point of the jack output the state of switcher 5, the ring part of the jack output the state of Switcher 6.
11. Jack 1/2 output the state of switcher 1/2. The top point of the Jack output the state of switcher 1, the ring part of the jack output the state of switcher 2.
12. Power jack accept the center negative 9V DC.
13. Jack 3/4 output the state of switcher 3/4. The top point of the jack output the state of switcher 3, the ring part of the jack output the state of switcher 4.
14. MIDI IN receives the MIDI order sent from the external device.
15. MIDI THRU directly outputs the MIDI order sent from the external device.

CONNECTIONS
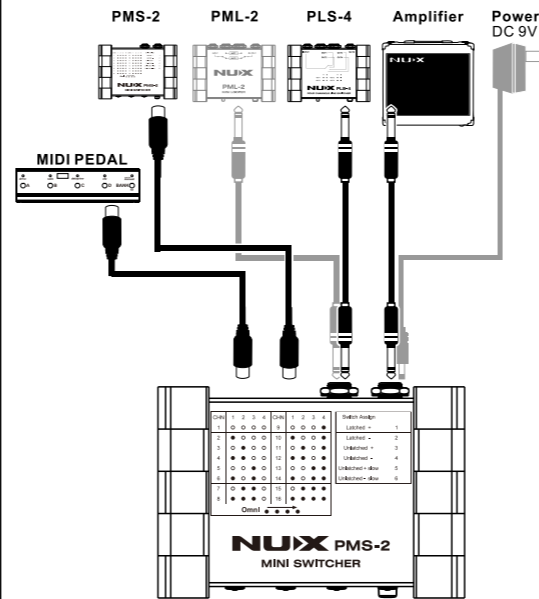
- Connect negative 9V DC to power jack.
- Connect MIDI cable to MIDI IN jack, and connect the other side to the MIDI OUT jack of external device.
- If you want to put several devices together in series, connect MIDI cable to MIDI THRU jack, and connect the other side to the MIDI IN jack of the other device.
- Plug the 6.35mm TRS stereo cable into three jacks, plug the other side into the external device that you want to control. PMS-2 can support mono cable. In this situation, only jack 1, 3, 5 can be used.

PMS-2 has three 6.35mm stereo jack to be the outputs of 6 switchers. The connections of each jack are as follows:

2,4,6

1,3,5
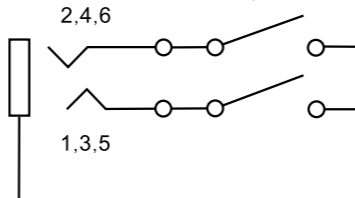
The MIDI order sent by MIDI controller or other device input through MIDI IN jack. MIDI THRU jack can directly pass the MIDI order to other device.
The six switchers are controlled connection and disconnection by the six buttons on the front panel.

OPERATION

1. Settings of MIDI reception channel

One MIDI device sends data, the other MIDI device receives data. In order to let these devices understand each other, we need to set all the devices to the same MIDI channel:

1) Press CHN button and turn on the device, enter the MIDI channel setting mode.
2) Press 1, 3, and 5 and SAVE button to set 1-16 and omni channel. The 4 LED light on these buttons will show the channel number.
3) Press CHN button again to save the settings.
4) Turn off the device. When turn it on again, the PMS-2 will receive data according to the new channel number.

Omni

2. Settings of switcher operation

The switcher has two modes: latched and unlatched. There are two states of latched mode: open-circuit and close-circuit, every action can switch to one state. It is fit for the function switch of traditional devices. The unlatched mode can create a short touch for every press, it is fit for the control of digital devices. The six switches of PMS-2 can simulate the operations of two modes.

The LED lights will be lighted under close-circuit both for the latched mode and unlatched mode. However, sometimes we need the LED light to be lighted under open-circuit, this can be done by setting the display of LED open-circuit.

Some devices may need long time pressing to do the action. In this situation, we can set the pressing time to the long position.

The steps of switcher setting are as fellows:

1) Press ASSIGN and turn on the device, enter the switcher setting mode.
2) Press button 1-6 to set the states of switcher 1-6. Every button can set 6 states of each switcher.

Function	Press Times	LED Indicator
Latched (LED turns on under close- circuit)	N/A	On
Latched (LED turns on under open-circuit)	1	Off
Unlatched (Short-delay close circuit)	2	Flashing quickly (Short on & Long off)
Unlatched (Short-delay open circuit)	3	Flashing quickly (Short off & Long on)
Unlatched (Long-delay close circuit)	4	Flashing slowly (Short on & Long off)
Unlatched (Long-delay open circuit)	5	Flashing slowly (Short off & Long on)

Lock/Unlock panel buttons
To avoid error operation and lose data, you can lock all the buttons:
Press LOCK and turn on the device, press LOCK to switch lock/unlock state. The LED light on the LOCK button will show the state. If it is lighting, it is under lock state, conversely it is under unlock state.

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3. Coding operation

The coding operation is very convenient:

1) The external device such like pedal controller send a MIDI application switch order, PMS-2 will remember this order.
2) Press button 1-6 and set them to be under the state that you want.
3) Press SAVE button. Once the storage is completed, when the PMS-2 receive the same MIDI order, it can switch all the switchers to the saving states.

SPECIFICATIONS

- Power supply: DC 9V
- Power consumption: 50mA
- Dimensions: 121(L)x84(W)x55(H)mm
- Weight: 350g

PRECAUTIONS

- Environment:
  1. Do NOT use PMS-2 in high temperature, high humidity, or subzero environments.
  2. Do NOT use PMS-2 in the direct sunlight.
- Please do NOT disassemble PMS-2 by yourself.
- Please keep this manual for future reference.

ACCESSORIES

- Owner's manual

www.nuxefx.com

Made in China