

NUX

PMX-2

LINE MIXER USER'S MANUAL

Thank you for choosing NUX PMX-2 Line Mixer. It is a portable mixer that allows the user to connect several audio devices to the main output without repeating plugging and unplugging a lot of cables, i.e. computer, TV, DVD, musical instruments. You can adjust the level of each input to balance the volume of each channel.

Please take your time to read the following user's manual carefully. We recommend that you keep the manual for future reference.

FEATURES

- 8 inputs and 2 outputs.
- Independent peak LED light for 4 channels.
- Master input level control.
- Master volume indicator.
- Gain control for channel 1/2 and 3/4.

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Accuracy

Whilst every effort has been made to ensure the accuracy and content of this manual, Cherub Technology Co. makes no representations or warranties regarding the contents.

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.

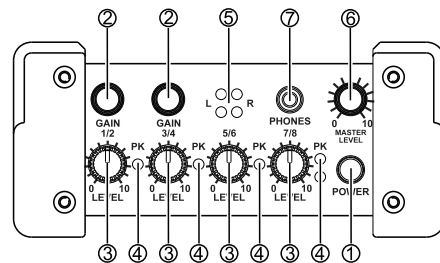
The lightning symbol within a triangle means "electrical caution!" It indicates the presence of information about operating voltage and potential risks of electrical shock.

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

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. POWER SWITCHER

Press the power switch. The LED indicator on the left will be lit up. **NOTE:** First, turn on the mixer. Then, turn on the amplifier or the active speaker. Conversely, turn off the amplifier first, turn off the mixer at the end.

2. CHANNEL GAIN KNOB

The knob can adjust the volume of channel 1/2 and 3/4. The overdrive indicator will be lit up occasionally when adjust the knob.

3. CHANNEL LEVEL KNOB

Each level knob controls the level of two indicated channels and the signal amount assigned to main output.

4. OVERDRIVE INDICATOR

The overdrive indicator will show whether the signal of the channel is too high. The level displayed here shows the volume before the channel level control. It is controlled by gain knob, not by level knob.

To get the biggest dynamic range, adjust the channel gain knob to light up the overdrive indicator occasionally. As for the channel 5/6 that has no gain knob, adjust the volume knob of signal resource to maximum to get the best dynamic range.

5. STEREO LEVEL DISPLAY

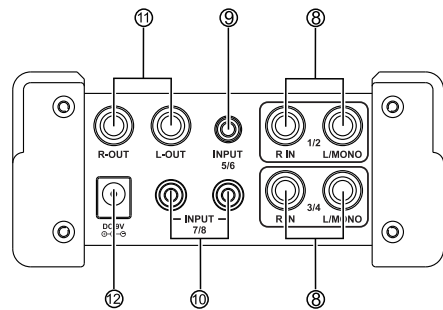
PMX-2 uses the peak level display. It shows the level status when all channel signals are mixed. So, it is not controlled by Master Level Knob.

6. MASTER OUTPUT KNOB

Control the output of master volume.

7. HEADPHONE OUTPUT JACK

The headphone output can drive most headphones. The master output will not be cut off when the headphone output is inserted. So, you can turn off the master output amplifier when you use the headphone.



8. INPUT JACKS FOR CHANNEL 1/2, 3/4

Channel 1/2 use unbalanced 6.35mm plug. Stereo signal will be sent to channel 1/2 or 3/4. Mono signal can be sent to channel 1 or channel 3 marked L/MONO, and make the channel 2/4 empty. Mono signal will be automatically sent to the two output jacks of the Master Output.

9. INPUT JACKS FOR CHANNEL 5/6

The channel 5/6 uses the standard 3.5mm stereo plug. The output of MP3 or other devices can be connected to this jack.

10. INPUT JACKS FOR CHANNEL 7/8

This channel 7/8 uses the standard RCA jack. The output of DVD or other devices can be connected to this jack.

11. MASTER OUTPUT JACKS

Use two cables with 6.35mm unbalanced jacks to connect to the inputs of amplifier or active speakers, and output stereo signal to the amplifier.

12. POWER SUPPLY JACK

Use standard center negative 9V DC power supply. Please confirm all the power consumption should be lower than the power supply's capacity.

OPERATION INSTRUCTIONS

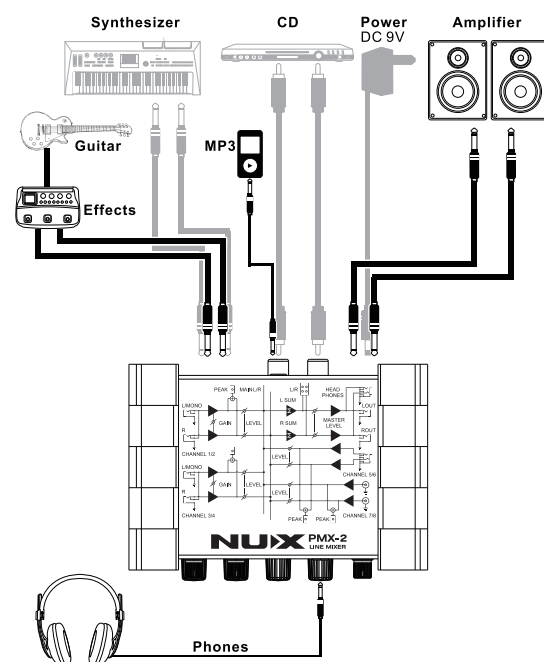
Adjust the input level.

1. Turn down the GAIN and LEVEL knob to minimum position.
2. Channel 1/2 and channel 3/4 are the same module. Every two channels form one stereo channel. Connect two unbalanced 6.35 mm TS plug cables to two channels, or connect one cable to L/MONO jack to make the mono signal to be transmitted to two master outputs.
3. Channel 5/6 is a 3.5mm stereo input channel. Channel 7/8 is a RCA stereo input channel.
4. Turn on the signal resource. The signal resource can be guitar effects, keyboard, drum machine, mp3, DVD, etc. Adjust the master volume of signal resource to the normal position.
5. For channel 1/2 and 3/4, you can adjust the GAIN knob to light up the PEAK indicator occasionally when the volume is maximum.
6. For channel 5/6 and 7/8, you can adjust the volume knob of audio devices to light up the PEAK indicator occasionally when the volume is maximum.

Start Mixing

1. Connect the output jacks of PMX-2 to PA or the input jacks of active speakers. Then turn on the power.
2. Adjust the master output knob to 1/4 position.
3. Adjust the LEVEL knob of each channel to the right position. Make sure the green LEVEL indicator always lights up, and the red indicator occasionally lights up.

CONNECTIONS



1. Home Theater

Connect the sound output of TV or STB to channel 7/8. Connect MP3 or computer to channel 5/6 by 3.5mm plug cable. Connect DVD to channel 3/4 by adapter. Connect sound output of computer to channel 1/2. Connect master output to monitor speaker.

2. Guitarist at home

Connect the sound output of TV or STB to channel 7/8. Connect the sound output of computer or MP3 to channel 5/6. Connect guitar through guitar effects to channel 3/4. Connect Mic through Mic amplifier to channel 1/2. Connect master output to monitor speaker.

3. Guitarist on stage

Connect electronic guitar through guitar effects to channel 1/2. Connect acoustic guitar to channel 3. Connect MP3 or computer to channel 5/6. Connect the master output jack to mixer.

4. Play in pub

Connect the acoustic-electric guitar to channel 1. Connect the microphone by voice processor to channel 3/4. Connect MP3 to channel 5/6. Connect the sound input/output of computer to channel 7/8 by USB cable. Connect master output to amplifier on the stage.

5. Keyboard on stage

Connect the sound output of keyboard 1 to channel 1/2. Connect the sound output of keyboard 2 to channel 3/4.

Connect the sound output of sampler or drum machine to channel 5/6.

Connect the input/output of computer's sound to channel 7/8.

Connect the master output to mixer on the stage.

Notes:

1. If you want to obtain the best performance, the LEVEL knob should be kept center-right position.
2. Please turn off the master volume before the connecting cables.
3. Please confirm that the amplifier and speaker should be turned off before the power is off. And turn on the amplifier or speaker after the power is on.

SPECIFICATIONS

- Input Impedance: 10K
- Maximize Input Level: 20.8dBu
- Gain Adjust Range: 7.8dB-54dB
- Dynamic Range: 95dB
- S/N Ratio: -92dB
- Frequency Response: 20HZ-20KHZ ±1dB
- THD+N: 0.085% (0dBu)

Output

- Output Impedance: 32 Ohm
- Maximize Output Level: 14.6 dBu
- Headphone output power: 2.33mW/each channel

Signal Indicator

- Level Green : 8.25dB
- Level Red : 10.2dB
- PK Red : 14.7dB

Power

- Power Supply: DC9V
- Operating Voltage: 9V
- Operating Current: 100mA

- Dimension: 121(L)x84(W)x55(H)mm
- Weight: 350g

PRECAUTIONS

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

ACCESSORIES

- Owner's manual

THE FCC REGULATION WARNING (for U.S.A.)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CE mark for European Harmonized Standards

CE Mark which is attached to our company's products of Battery mains the product is in fully conformity with the harmonized standard(s) EN 61000-6-3:2007+A1:2011 & EN 61000-6-1:2007 Under the Council Directive 2004/108/ EC on Electromagnetic Compatibility.

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www.nuxefx.com



Made in China

NUXX PMX-2

小型混音器 使用说明书

感谢您选择NUXX PMX-2小型混音器。PMX-2是一款便携式多路混音器，允许你把多个音乐设备混合到一个总输出，而不需要繁琐的重复插拔各种接线。譬如现场有鼓机和效果器等，又或者在您家里把DVD机、电视机顶盒、电脑等等接在一起。PMX-2的前面板提供了控制各路输入的音量控制，方便控制各个输入设备在总输出的音量平衡。

请花时间仔细阅读这份说明书，并建议您保留它以备今后的需求。

产品特点

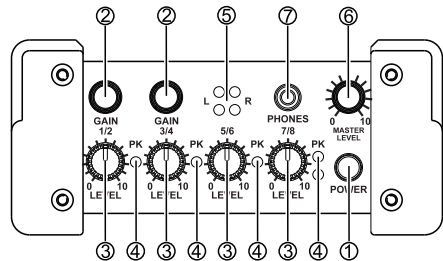
- 8输入转2输出的混音器。
- 总音量指示器。
- 4路独立的过载指示灯。
- 1/2和3/4通道拥有独立增益控制。
- 总输入音量控制。

警告!-重要安全说明

警告: 为了减少火灾或触电的危险，请勿将本设备淋雨或受潮。

注意: 为了减少火灾或触电的危险，请不要私自拆卸机器。用户不可自行维修部件，如需维修请联系合格的服务人员。

产品界面



1.电源开关

按下前面板这个按键接通PMX-2的电源。左侧的LED将被点亮。**注意:** 首先要开启混音台的电源，然后再开启功放或有源音箱的电源。反之，则先关闭功放最后关闭混音台。

2.通道增益旋钮

通道增益旋钮调节通道1/2和3/4的放大量。调节此旋钮让通道的过载灯偶尔点亮。

3.通道电平旋钮

此旋钮调节各通道的电平，控制此通道信号在主输出的量。所有的通道电平旋钮控制都是双声道的。

4.过载灯显示

过载灯将指示通道的信号是否太高了。此处所显示的电平是通道电平控制之前的音量，所以它受增益旋钮的控制，不受通道电平旋钮的控制。

为了获取最大的动态，调节增益旋钮使得过载灯偶尔点亮是最好的方法。对于没有增益旋钮的通道5/6和7/8，请调节信号源设备的音量旋钮到足够大，获取最优动态范围。

5.立体声电平显示

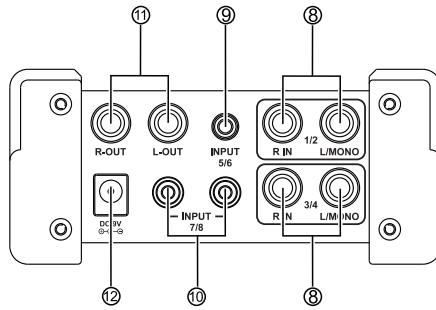
PMX-2使用的是峰值电平显示，它指示所有通道信号混合后的电平状态。所以它不受主音量旋钮的控制。

6.总音量输出旋钮

这个旋钮控制总音量输出。

7.耳机输出口

耳机输出口可以很好的驱动绝大多数耳机。插入耳机输出并不会切断主输出的信号，所以使用耳机监听时可关闭主输出音箱。



8.通道1/2, 3/4输入接口

通道1/2输入接口使用6.35mm非平衡式插头。对于立体声输入将信号分别送入通道1/2或3/4。对于单声道信号可插入标示为L/MONO的通道1或3，空着2/4通道。单声道信号将自动分配到总输出的两个输出上。

9.通道5/6输入接口

通道5/6输入接口是标准的3.5mm立体声插头。可以直接将MP3等设备的输出直接连接到此接口。

10.通道7/8输入接口

通道7/8输入接口是标准的RCA莲花插座。可以直接将DVD等设备的输出直接连接到此接口。

11.总音量输出接口

总音量输出接口使用6.35mm非平衡式插头。连接两条电缆到功放或有源音箱的输入。

12.电源接口

电源插座接受常规的外正内负的9V电源，电源的电流输出能力必须大于所有连接设备的电流输入能力。

操作说明

调整输入电平

- 1.将所有通道增益旋钮和通道电平旋钮调到最小位置。
- 2.通道1/2 和通道3/4是两个相同的模块，每两个通道构成一个立体声通道。连接两条非平衡的6.35mm大两芯电缆到两个

立体声通道。连接两条非平衡的6.35mm大两芯电缆到两个通道，或者使用一条电缆连接到L/MONO插口可使单声道信号同时出现在两路主输出上。

3.通道5/6是3.5mm的立体声输入通道，通道7/8是莲花座的立体声输入通道。

4.将信号源打开，信号源可以是吉他效果器、键盘、鼓机、MP3、DVD等设备。将这些信号源的总音量输出调节到正常的使用位置。

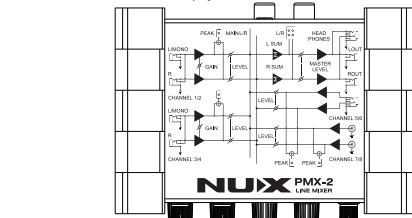
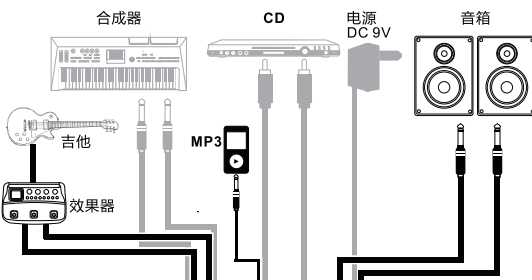
5.对于通道1/2和3/4可以调节通道增益旋钮，让PEAK灯在声音最大音量时偶尔会点亮。

6.对于通道5/6和7/8调节音源设备的音量旋钮，让PEAK灯在声音最大音量时偶尔会点亮。

开始混音

- 1.连接PMX-2的输出到功率放大器或有源音箱的输入，功率放大器再连接到音箱。打开电源。
- 2.将主音量输出旋钮调节到1/4位置。
- 3.调节各通道的通道电平旋钮到适当位置。确保电平显示绿灯经常亮，红灯偶尔亮的状态。

连接方式



各种连接方式

1.家庭影院接法

电视机或机顶盒的声音输出连接到通道7/8。MP3通过3.5mm插头连接到通道5/6。DVD机可以通过转换接头连接到通道3/4。电脑的声音输出连接到通道1/2。主输出连接到监听音箱。

2.吉他手家庭接法

DVD或机顶盒的声音输出连接到通道7/8。电脑或MP3的声音输出连接到通道5/6。吉他通过吉他效果器连接到通道3/4。话筒通过话筒放大器连接到通道1/2。主输出连接到监听音箱。

3.吉他手舞台接法

电吉他通过效果器连接到通道1/2。电箱琴连接到通道3/4。MP3或电脑连接到通道5/6。主输出连接到舞台调音台。

4.酒吧弹唱接法

电箱琴输出接到通道1/2。话筒通过人声处理器接到通道3/4。MP3或电脑连接到通道5/6。主输出连接到舞台音箱。

5.键盘手舞台接法

键盘1的声音输出接到通道1/2。键盘2的声音输出接到通道3/4。采样器/鼓机声音输出连接到通道5/6。主输出连接到舞台调音台。

注意事项

- 1.如果要获得最优的性能，通道电平旋钮应该总是处于中间偏右的位置。
- 2.连接电缆前务必关闭主音量旋钮。
- 3.断电前确保先断功放或有源音箱的电源。通电时则最后接通功放或有源音箱的电源。

技术规格

输入

- 输入阻抗：10K
- 最大输入电平：20.8dBu
- 增益调节范围：7.8dB-54dB
- 动态范围：95dB
- 信号噪声比：-92dB
- 频率响应：20HZ-20KHZ ±1dB
- THD+N: 0.085% (0dBu)

输出

- 输出阻抗：32Ohm
- 最大输出电平：14.6dBu
- 耳机输出功率：2.33mW
- 信号指示灯：红灯10.2dBu 绿灯-8.25dBu

信号指示灯

- Level绿灯：8.25dB ●Level红灯：10.2dB ●PK红灯：14.7dB

- 电源：DC 9V
- 工作电压：9V
- 工作电流：100mA
- 体积：121(L)x84(W)x55(H)mm
- 重量：350克

使用环境

●使用环境：

- 1、避免在高温、潮湿、零下等恶劣的环境中使用。
 - 2、避免在强光下使用。
- 请勿自行拆卸本机。
 - 请保存好本手册以便以后查阅。

随机附件

- 使用说明书

质量承诺

亲爱的 **NUXX** 用户：
在您使用 **NUXX** 产品时，请仔细阅读产品说明书，当您有疑问和困难时，请拨打售后服务热线：

400-990-9866

- 一周内出现质量问题可退货退款
- 一月内出现质量问题可调换
- 一年内出现质量问题可免费维修
- 终身享有咨询和维修服务

【请向销售商索取有效购买凭证并予以保存】

换修政策

一、包换政策：

- 1、消费者自购机之日起1个月之内，在正常使用情况下，出现非人为的产品性能故障，且产品外观及包装保持完好的可向所购机的经销商换机。
- 2、消费者在换机时应出示由经销商开出的购机收据及保修卡，否则经销商可以不予更换。

二、保修政策：

产品在购买之日起1年内，可免费享有维修服务；对于超过1年的产品及人为或不可抗力因素造成损坏的产品，我司可提供有偿维修服务。

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