

NUX

MP-3

MIGHTY PLUG PRO

Guitar and Bass Amp Modeling
Earphone Amplifier



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www.nuxefx.com
Made in China

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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!" 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.

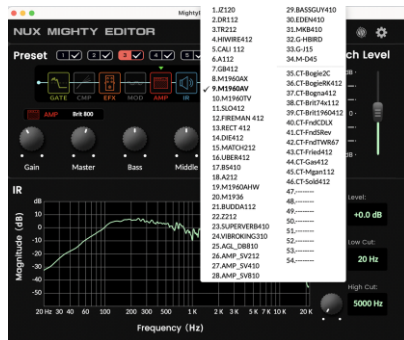
- The power supply cord should be unplugged when the unit is to be unused for long periods of time.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and at the point where they exit from the apparatus.
- Prolonged listening at high volume levels 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!

Overview

Thank you for purchasing NUX MIGHTY PLUG PRO, since we announced MIGHTY PLUG, this kind of versatile amp modeling amp-plug became a new trend. Now MIGHTY PLUG PRO offers more good vibes for you.

MIGHTY PLUG PRO provides a variety of effects for electric guitar and bass guitar including amp modeling, cabinet IRs. It also comes with acoustic amp modeling and acoustic IRs to let you simulate acoustic guitar sound. Now, you can even load 3rd party IRs through Mighty Editor™ edit software to expand your tone. (You can load any WAV format IRs, Mighty Editor™ will convert to 32bits/48kHz onto the device automatically.)



Note: There are 34 default IRs, and user IR slots are 20 (from 35 to 54).

You can customize the presets through Mighty Amp™ App (mobile) or Mighty Editor™ edit software (PC). Change the

effect blocks' order? Why not? You can do lots of things with the intuitive interface, experience it, feel the small but mighty!



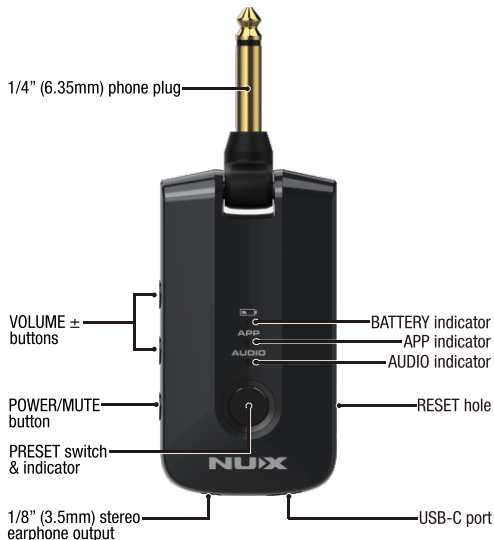
The Mighty Amp™ App and Mighty Editor™ edit software can let you tweak all the signal blocks and parameters. MIGHTY PLUG PRO offers GATE, COMP, EFX, AMP, IR, EQ, MOD, DLY and RVB, you can adjust the block order freely. Besides the 34 built-in IRs, there are 20 empty slots for 3rd party IRs loading. No need to consider the sampling rate, Mighty Editor™ edit software can convert the WAV(IR) format automatically.

MIGHTY PLUG PRO supports USB audio stream, it can be an USB recording interface. It supports Normal / Dry Out / Re-amp / Loopback routing, you can adjust it through Mighty Amp™ App or Mighty Editor™ edit software intuitively, no need to setup USB OUT in DAW. Even live stream jamming with Loopback!

**All of the brand and model names mentioned on this page are Trademarks of their respective owners, which are in no way associated or affiliated with NUX Effects and Cherub Technology CO. LTD.*

**Thank you Dian Iliev and Mighty Plug / Air group users to inspire us to develop MIGHTY PLUG PRO with great functions and APP experience.*

Control Panel & I/O Jacks



1/4" (6.35mm) phone plug

Sturdy and flexible plug that can fit into all kind of guitar and bass securely. It is compatible to use without blocking the whammy bar on Stratocaster type guitars.

**Stratocaster is the trademark of Fender company, which is in no way associated or affiliated with NUX Effects and Cherub Technology CO. LTD.*

POWER/MUTE button

Hold the POWER/MUTE button 2 seconds to turn on the device. While the device is engaged (the PRESET switch indicator will also turn on), short press the POWER/MUTE button can mute the earphone out, in the meantime the PRESET switch indicator will flash.

VOLUME ± buttons

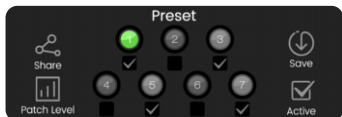
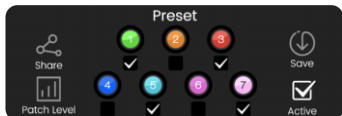
While the device is engaged, you can press the VOLUME + button to increase the earphone volume, or press the VOLUME - button to decrease the earphone volume.

PRESET switch & indicator

While the device is engaged, you can press the PRESET switch to change the preset from 1~7. The indicator will show different color related to different presets.

Note: You can adjust which preset can be ACTIVE while you press the PRESET switch through Mighty Amp™ App or Mighty Editor™ edit software. (ACTIVE function)

Mighty Amp™ App example: Choose preset 1, 3, 5, 7 and press Active icon, then the device will know preset 1, 3, 5, 7 will be chosen while you press the PRESET switch.



Mighty Editor™ example: Click icon, the 7 presets will be colored, then choose the one you want to active, like 1, 3, 5, 7. Then press icon again, Mighty Editor™ will show current preset, and according to the interface, you will see which one is chosen .



BATTERY indicator

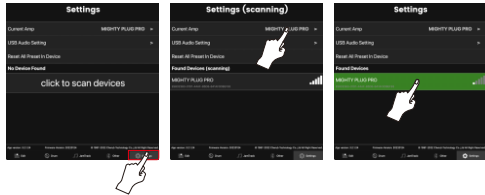
While you connect USB-C cable to the device with PC or charger, it will charge the device, and the BATTERY indicator will show “Red” while charging. While the battery is full, the BATTERY indicator will turn off. While the device will run out of battery, the BATTERY indicator will flash “Red”.

Note: The charging time is around 2.5 hrs. Operation time is around 5 hrs.

App indicator

While Mighty Amp™ App connects with the device, the App indicator will turn on “Blue”.

Operation: Turn on Mighty Amp™ App on your mobile phone, and press “Settings” to choose “Current Amp” as “MIGHTY PLUG PRO”, then “click to scan devices”. While the APP find “MIGHTY PLUG PRO”, click it, the App will connect with the device. In the meantime, the App indicator will turn on “Blue”.



Note: The App is using Bluetooth MIDI to communicate with the device.

Note: For Android OS, you may need to turn on GPS permission. **PRIVACY NOTE:** We do not use your GPS to track you. Where you want to play music is your business, not ours !

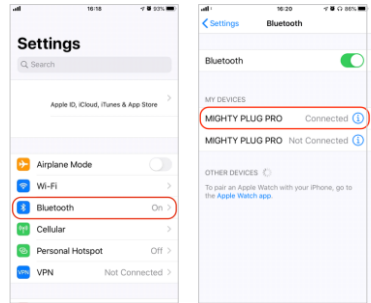
Applications that scan for Bluetooth devices must request permission in the manifest file. This LOCATION permission is required because it may be possible to guess the location of an Android device by seeing which BTLE devices are nearby.

https://developer.android.com/reference/android/media/midi/package-summary#btle_location_permissions

AUDIO indicator

While the mobile phone or other player connect with MIGHTY PLUG PRO's Bluetooth audio, the AUDIO indicator will turn on “Blue”.

Operation: After the App connected with the device, you can connect Bluetooth Audio from “Settings” on the mobile phone to play audio stream. Click “Settings” on the mobile phone. Enter “Bluetooth”, and choose “MIGHTY PLUG PRO”, while you connect MIGHTY PLUG PRO's Bluetooth audio, you will hear a hint sound from the earphone out.



Note: The Bluetooth audio and Bluetooth MIDI are independent, you have to connect them separately.

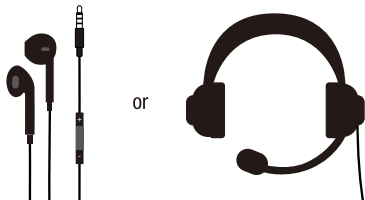
RESET hole

If you meet device stuck accident, you can stab the RESET hole to reboot the device.

1/8" (3.5mm) stereo earphone output

Connect your earphone and get great silent practice experience with MIGHTY PLUG PRO.

Note: The earphone out also supports TRRS earpod with mic or headset with mic. You can engage the MIC through Mighty Amp™ App or Mighty Editor™ edit software while “live streaming”.

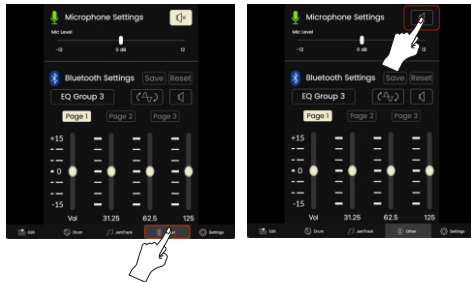


Note: While you engage the MIC, the microphone signal can be streamed onto USB audio.

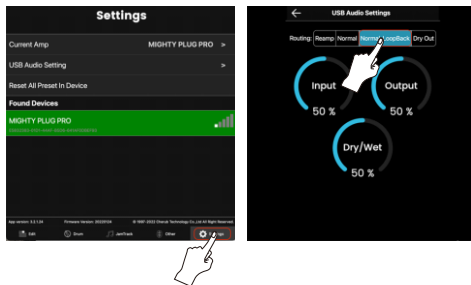
If you want to play playbacks (Bluetooth audio or PC's audio playback) onto USB audio for live streaming, please choose Loopback on the USB routing.

Operation: Mighty Amp™ App


Click “Other” and engage Microphone Settings'  icon.




Click “Settings” and choose USB Audio Setting, then choose “Normal-LoopBack”.

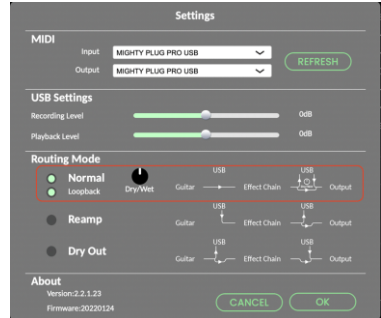


Mighty Editor™ edit software

Click the Bluetooth icon, it will show Microphone Settings and Bluetooth Settings. Click the  icon on Microphone Settings to engage the MIC.



Click the  icon and choose “Loopback” in “Routing Mode”.



USB-C port

Charging, Mighty Editor™ edit software communication, USB audio stream, and Firmware update.

Charging time: around 2.5 hrs, the built-in battery is 3.7V / 1450mAh. You can charge the device by PC or 5V USB charger.

Recording:

For WIN OS, please go to the product page to download ASIO driver for recording.

For MAC OS, the device supports CORE AUDIO, so there is no need for driver.

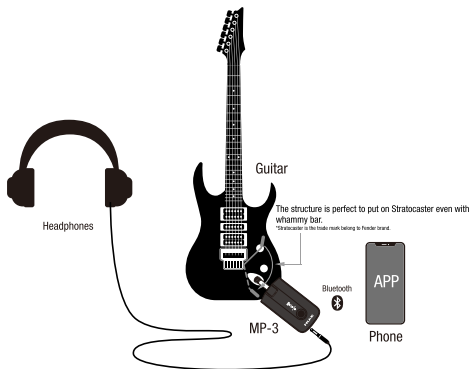
Firmware Update:

Connect USB with PC, hold the PRESET switch and turn on the device by pressing POWER button to enter to DFU (Device Firmware Update) mode. Then use DFU updater software to update the firmware. (You can get the firmware and firmware update guide on the product page.)

Connections

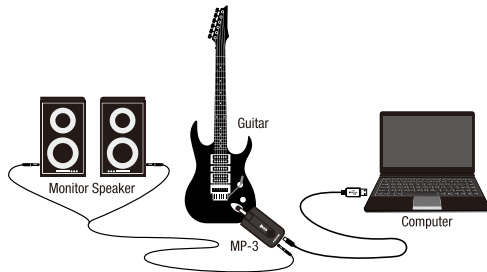
Silent Practice:

Plug MIGHTY PLUT PRO into your guitar, put on the earphone, let's rock the world without disturbing neighbors. Jamming with backing tracks through mobile device via Bluetooth audio stream.



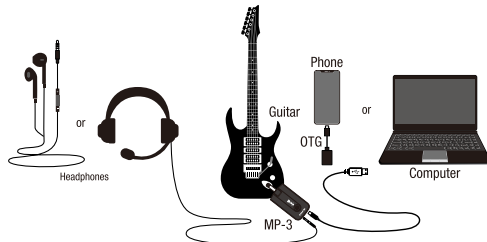
Recording:

Connect USB with PC, MIGHTY PLUG PRO can be a recording interface. It's a portable recording and practice tool while you are touring.



Live Stream with TRRS Headset or Earpod with mic:

MIGHTY PLUG PRO's phone out supports TRRS headset or earpod with mic. Choose Loopback USB routing, you can do live streaming with PC or mobile phone (USB On-The-Go).



Mighty Amp™ App & Mighty Editor™



Mighty Amp™ App



Mighty Editor™

You can check the MIGHTY PLUG PRO tutorial on NUX EFX YouTube channel for more details.

The Mighty Amp™ App allows you to tweak parameters, move block order on the mobile phone. Besides that, you can even set Events on JamTrack or load custom tracks into your phone through the PC.

The Mighty Editor™ edit software can load 3rd party IRs, you can tweak parameters for all effects. For effect block order, you can move it on the edit software, and export or import the presets.

Features

- Small but mighty.
- TSAC-HD (White-Box) Amp Modeling algorithm offers realistic playability & feedback.
- 512 samples IR resolution. (34 premium built-in IRs and 20 user slots for 3rd party)
- 7 presets with ACTIVE functions. (PRESET switch toggles ACTIVE ones sequentially.)
- GATE, CMP, EFX, AMP, IR, EQ, MOD, DLY, RVB effect blocks with free order.
- White-box algorithm EFX offers analog response and natural chaos.
- Stereo DLY / RVB effects with gorgeous tone.
- Patch Level function for each preset.
- Earphone Volume +/- adjust buttons.
- High quality earphone out preamp supports TRRS headset or eapod with mic.
- 5hrs playing time. (Battery: 3.7V / 1450mAh)
- Ultra-low system latency: 1.2ms
- Wide dynamic range: 103 dB
- Intuitive Mighty Amp™ App & Mighty Editor™ edit software (3rd party IR loader).

Specifications

- Input Impedance: $1M\Omega$
- Earphone Output Impedance: 10Ω
- Dynamic Range: 103dB
- Sampling Rate: 48kHz / 32bit
- System Latency: 1.2ms
- Charging Power: 5V USB-C
- Battery: 3.7V / 1450mAh
- Current Draw: 4V / 260mA
- Dimensions: 81mm(L) x 41mm(W) x 30mm(H)
- Weight: 70g

Accessories

- Owner's manual
- Warranty card
- USB cable

*Specification may change without notice.

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.

控制面板与输入/输出接口



6.35mm插头

结实而又灵活的插头，适用于各种吉他或贝斯的输出接口，即便是装了摇杆的Stratocaster也没有问题。

*Stratocaster是Fender公司的注册商标，此处引述仅为说明MIGHTY PLUG PRO能与此类型吉他适配。

电源/静音按键

- 开关机：按住此按键两秒钟可以开机或关机，开机后预设按键指示灯会亮起。
- 静音：开机状态下短按此按键可以开启或者关闭静音功能。当静音功能处于开启状态时，耳机输出接口停止输出信号同时预设按键指示灯会开始持续闪烁。

音量控制按键

当MIGHTY PLUG PRO处于工作状态时，使用音量+按键来调大耳机输出音量；使用音量-按键来调低耳机输出音量。

预设按键及预设按键指示灯

MIGHTY PLUG PRO内置七个预设，短按此按键可循环切换预设。切换预设后预设按键指示灯的颜色也将发生变化。



提示：您可以通过Mighty Amp™ App或者Mighty Editor™编辑软件来进行用户自选预设以便简化切换预设流程。自选预设解释：您可以选定任意数量的预设。

例：贝斯手小K日常需求两个预设，那么小K可以选定任意两个预设，编辑好音色并保存。这之后，小K便可以直接使用预设切换按键在这两个预设之间切换（而不用从预设1切换到预设7）。



充电指示灯

- 低电量警告：当电池电量不足时，充电指示灯（红色）会持续闪烁，此时应尽快为电池充电。
- 充电提示：充电过程中，充电指示灯会保持红色常亮状态；充满电后，充电指示灯会自动熄灭。

App指示灯

指示Mighty Amp™ App与MIGHTY PLUG PRO的联动状态。
Mighty Amp™ App连接指南：

- 1.确认MIGHTY PLUG PRO处于开机状态并在手机或平板电脑上打开Mighty Amp™ App。
- 2.点击下方标签栏上的“Settings”（图1）进入设置列表，点击“Current Amp”（图2）进入设备选择页面，然后点选“MIGHTY PLUG PRO”（图3）选定设备。
- 3.选定设备后，点击设置列表下方的“Click to scan device”，App开始自动扫描。
- 4.当MIGHTY PLUG PRO出现在“Found Devices”标题下，点击MIGHTY PLUG PRO进行连接。
- 5.连接成功后App指示灯会保持蓝色常亮状态；未连接时App指示灯会保持熄灭状态。

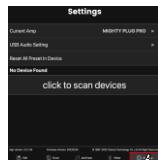


图1

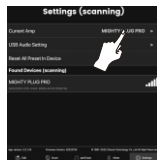


图2

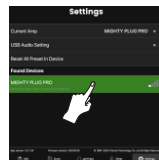


图3

⚠️ 注意 Mighty Amp与MIGHTY PLUG PRO是通过蓝牙MIDI来完成数据交换的。

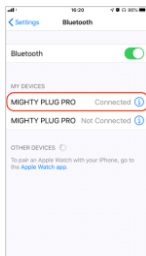
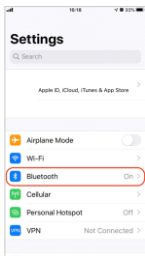
多数安卓用户可能需要为Mighty Amp App开启位置权限。我们不会收集您的隐私信息，MIGHTY PLUG PRO存在的意义就是为了让您能随时随地弹琴。如果您想了解为什么一定需要开启位置权限，请参考安卓官方的开发者文档：https://developer.android.com/reference/android/media/midi/package-summary#btle_location_permissions

蓝牙音频指示灯

指示MIGHTY PLUG PRO的蓝牙音频连接状态。

蓝牙音频连接指南

1. 确认MIGHTY PLUG PRO处于开机状态，并且已经与Mighty Amp™ App建立连接。
2. 进入手机或平板电脑的设置，找到蓝牙设置菜单。
3. 进入蓝牙设置菜单，在蓝牙设备标题下找到MIGHTY PLUG PRO，点击进行连接。



4. 连接成功后，会有提示音响起，同时蓝牙音频指示灯会保持蓝色常亮状态；蓝牙音频未连接时，蓝牙音频指示灯会保持熄灭状态。

⚠️ 注意 蓝牙音频与蓝牙MIDI是相对独立的，初次使用或更换控制设备后均需手动完成一次连接。

重置按键

如遇故障（按键无任何响应），请使用回形针或SIM卡针按压此按键强制重启MIGHTY PLUG PRO。

3.5mm立体声耳机输出口

请将您的耳机插入此接口，来获得优质的静音练习体验。

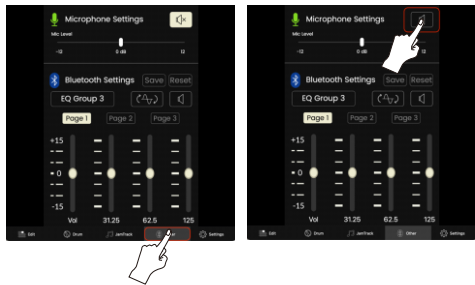
提示：此接口支持带麦克风的TRRS入耳式耳机或头戴式耳机，您可以通过Mighty Amp™ App或Mighty Editor™编辑软件在需要（弹唱直播）时开启麦克风输入。



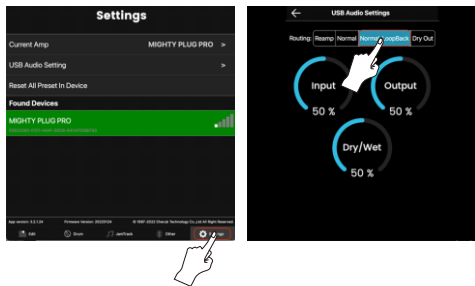
提示：麦克风输入开启后麦克风输入会串流至USB音频输出。

如果您在直播或录音时想要将蓝牙音频或电脑的音频串流至USB音频输入，请选择“Loopback”作为输出模式。

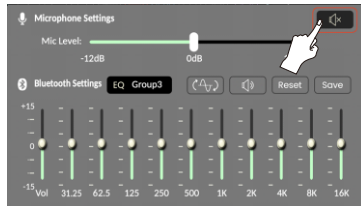
- 使用Mighty Amp™ App开启/关闭麦克风输入。
点击下方标签栏“Other”图标，然后点击🔊图标开启或关闭麦克风输入。



- 使用Mighty Amp™ App选择USB音频输出模式。
点击下方标签栏上的“Settings”图标进入设置列表，点击“USB Audio Setting”，点击“Normal-Loopback”。



- 使用Mighty Editor™编辑软件开启/关闭麦克风输入。
点击右上方的🔊蓝牙图标进入设置页面，然后点击🔊图标开启或关闭麦克风输入。



开启麦克风输入



关闭麦克风输入

- 使用Mighty Editor™编辑软件选择USB音频输出模式。点击右上方的⚙️图标进入设置页面，选择“Loopback”。



USB-C接口

充电和数据交换接口。

- 为MIGHTY PLUG PRO充电：请使用5V/1A充电器或连接电脑USB接口为MIGHTY PLUG PRO充电。充满电耗时约两个半小时。
- MIGHTY PLUG PRO录音：Windows用户需要访问MIGHTY PLUG PRO产品页面下载并安装专用ASIO驱动；

MacOS原生支持Core Audio，所以Mac用户无需安装驱动。

- 为MIGHTY PLUG PRO更新固件：使用高品质数据线并按照MIGHTY PLUG PRO产品页面固件更新指南所述步骤进行操作即可。

连接场景

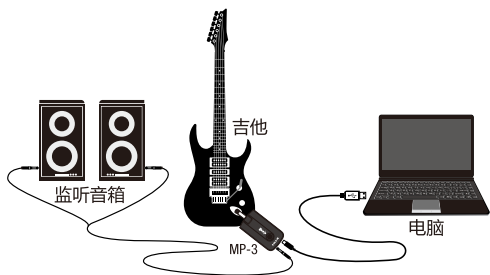
- 静音练习

按下图所示将设备连接好，带上耳机并调整好音量，静悄悄的摇滚起来。



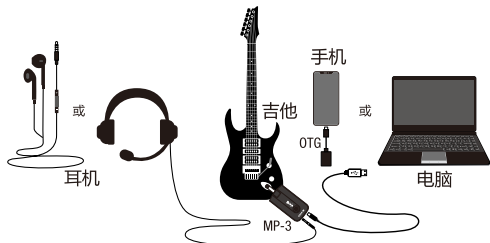
•电脑录音

MIGHTY PLUG PRO可作为一个便携的USB录音声卡，按下图所示连接好设备，MIGHTY PLUG PRO即可变身为您趁手的录音工具。



•直播

按照下图所示将设备连接好，即可开启直播与您的观众分享您的音乐。



Mighty Amp™ App与Mighty Editor™编辑软件



您可以访问MIGHTY PLUG PRO产品页面、我司微信公众号或哔哩哔哩获取MIGHTY PLUG PRO更多文字及视频介绍。

Mighty Amp™ App是MIGHTY PLUG PRO配套的音色编辑软件。您可以使用它编辑预设音色，改变效果信号链以及解锁更多隐藏功能。此外，Mighty Amp™ App的伴奏播放功能不仅支持导入第三方伴奏甚至还支持自定义事件（例：AB循环）。

Mighty Editor™ 是MIGHTY PLUG PRO配套的桌面端音色编辑软件。您可以使用它编辑预设音色，改变效果信号链，导入第三方IR（脉冲反应）文件以及导入导出预设等。

产品特点

- 体积小且功能强大的音箱模拟效果耳机放大器。
- TSAC-HD白盒建模音箱模拟算法，提供真实的演奏手感和反馈。
- 支持512采样IR（脉冲反应）文件，出厂内置34个精选IR以及20个第三方IR存储位置。
- 7组预设带用户自选功能。
- 9大效果模块，支持自定义效果信号链。
- 物理音量调节按键。
- 高品质耳机输出前级，支持TRRS入耳式耳机或头戴式耳机麦克风输入。
- 3.7V/1450mAh大容量电池，最长可连续使用5小时。
- 1.2毫秒超低系统延迟。
- 动态范围：103dB。
- 配套易于上手的移动端和桌面端音色编辑软件。

技术规格

- 输入阻抗：1MΩ
- 耳机输出阻抗：10Ω
- 动态范围：103dB
- 采样率：48kHz / 32bit
- 系统延迟：1.2ms
- 充电电压：5V USB-C
- 电池容量：3.7V / 1450mAh
- 需求电流：4V / 260mA
- 体积：81mm(L) x 41mm(W) x 30mm(H)
- 重量：70g

随机附件

- 使用说明书
- 保修卡
- USB线

* 技术规格如有变更，恕不另行通知。

有关产品中所含有害物质的说明

为了控制和减少电器电子产品废弃后对环境造成的污染，本资料就本公司产品中所含的特定有害物质及其安全性予以说明。

本资料适用于2016年7月1号以后本公司所制造的产品。

环保使用期限



此标志适用于在中国国内销售的电子信息产品，表示环保使用期限的年数。所谓环保使用期限是指在制造日起的规定的期限内，产品中所含的有害物质不致引起环境污染，不会对人身、财产造成严重的不良影响。环保使用期限仅在遵照产品使用说明，正确使用产品的条件下才有效。不当的使用，将会导致有害物质泄漏的危险。

产品中有害物质的名称及含量

部件名称		有害物质					
		铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
主体	塑胶件	○	○	○	○	○	○
	五金件	×	○	○	○	○	○
	硅胶件	○	○	○	○	○	○
	内置电路板	×	○	○	○	○	○
附件	*交流电源适配器、线缆	×	○	○	○	○	○

*表示某些产品可能不含有这些项目，上表当中的信息仅在产品含有这些项目时适用。

本表格依据SJ/T 11364的规定编制。

○：表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。

×：表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求，因根据现有的技术水平，还没有什么物质能够代替它。

保护环境

如果需要废弃本产品，请遵循本地相关指引，请勿随意丢弃或作为生活垃圾处理，以避免对环境造成污染。

质量承诺

亲爱的 **NUX** 用户：

在您使用 **NUX** 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
 - 一年内出现质量问题可免费维修
 - 一月内出现质量问题可调换
 - 终身享有咨询和维修服务
- [请向销售商索取正规发票并予以保存]

换修政策

一、包换政策：

1. 消费者通过正规授权渠道购买的产品，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，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凭证，否则经销商可以不予更换。

二、保修政策：

1. 消费者通过正规授权渠道购买的产品(以发票所示销售方为准)，自购买之日起1年内，若出现非人为损坏的性能故障，可享受免费维修服务。

2. 对于超过1年或人为及不可抗力因素造成损坏的产品，我司可提供有偿维修服务。

*本售后政策仅适用于中国大陆地区，其它国家及地区以当地售后政策及法律法规为准。

合格证

Certificate

检验员
Inspector

名称
Name

吉他、电贝斯音箱模拟耳机放大器

生产日期
Date

型号
Type

MP-3

本产品经检验合格

执行标准: Q/WKDZ 001-2020

This product is inspected and approved.

Product is certificated with Q/WKDZ 001-2020

制造商: 深圳市前科电子科技有限公司 开发有限公司 制造商地址: 深圳市南山区蛇口兴华路6号南海意度1号楼507 电话: 0755-2686 9866 网址: www.nuxfx.com 生产商: 珠海市前科电子科技有限公司 生产商地址: 珠海市高新区唐家湾镇科技九路10号 电话: 0756-3689066