Micro Serie

MOOER

MICRO PREAMP

Owner's Manual

Precautions

PLEASE READ CAREFULLY BEFORE PROCEEDING

Power Supply
Please connect the designated AC adapter to an AC outlet of the correct voltage.
Please be sure to use only an AC adapter which supplies 9V DC,⊕—◎—⊖,center negative. Unplug the AC power adapter when not in use or during electrical storms.

Connections
Always turn off the power and all other equipment before connecting or disconnecting. This will help prevent malfunction and damage to any of the devices.
Make sure to unplug all connection cables and power cords before moving this unit.
To avoid deformation, discoloration, or other serious damage,
do not expose this unit to the following conditions:

- Direct sunlight
- Heat sources
- Magnetic fields
- Extreme temperature or humidity
- Excessively dusty or dirty location
- High humidity or moisture
- Strong vibration or shock

Interference with other electrical devices and Cleaning
Radios and televisions placed nearby may experience reception interference.
Operate this unit at a suitable distance from radios and televisions.
Clean only with a soft, dry cloth.

Handling
Do not apply excessive force to the switches or controls.
Do not let paper, metal, or other objects into this unit.
Take care not to drop the unit, and do not subject it to shock or excessive pressure.

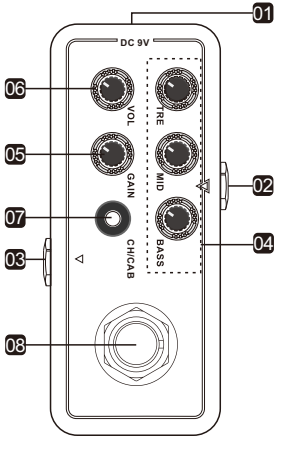
FCC certification
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Overview

These micro preamps are sonically accurate digital recreations of the preamp sections of popular tube amps. We have developed these by directly analyzing real tube amplifiers using a brand new technology to capture their sound, dynamics and response. Please ensure to use a clean 9v power supply and a high quality power amp to get the best results. Each Micro Preamp comes complete with dual channels, integrated speaker cabinet simulation and dual operating modes to suit the needs of all users.

Pedal layout



1.DCIN
Connect a DC 9V 220mA centre pin negative power supply

2.Input
Connect instrument

3.Output
Connect to power amp or effects return

4.TRE, MID, BASS
Standard tone stack. When all 3 of these controls are at 12 o'clock the preamp is closest to the original amplifier we analyzed. Clockwise will boost frequencies and counterclockwise will cut them. The frequencies which the EQ controls adjust, vary depending on the preamp model.

5.GAIN
Adjusts the input gain

6.VOL
Adjusts the output volume of the micro preamp

7.LED BUTTON
Press once to switch between channel A/B (Blue/Red)
Press and hold for 2 seconds to switch Cab simulation on/off
When Cab simulation is active the LED BUTTON will flash

8.FOOTSWITCH
The footswitch has 2 modes of operation
1.Toggles the preamp on/off
2.Switch between channel A/B (The micro preamp will be permanently on in mode 2)

To change footswitch mode, press and hold the footswitch for two seconds.
The LED BUTTON will flash twice to confirm the mode has changed.

Note: All EQ, gain and volume settings will be automatically stored separately for each channel.

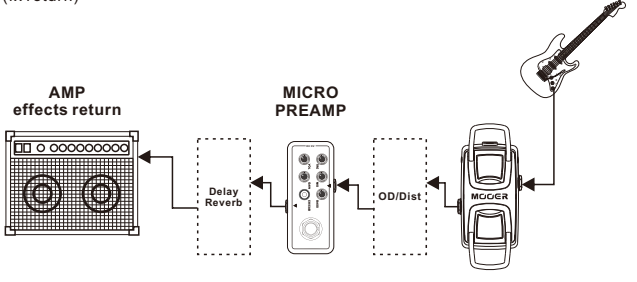
Connections

1.DCIN
Connect a DC 9V 220mA centre pin negative power supply

2.INPUT
Connect your instrument directly or the output of your pre, pre-amp effects like Overdrive, distortion, etc.

3.OUTPUT
Connect to a power amp or your amplifier's effects return.
(Highly recommend using a tube amplifier)
Different power amplifiers will affect the outcome of the final tone.
You can also connect directly to a sound card and activate the speaker cab simulation for recording purposes

Note: You can connect your "fx loop" effects, like modulation and time based effects, in between the MOOER preamps output and the input of the power amp (fx return)



Specification

Input: 1/4" mono audio jack. (Impedance: 1 meg Ohms)
Output: 1/4" mono audio jack (Impedance: 100 Ohms)
Power requirements: AC adapter 9V DC ⊕—◎—⊖, center negative.
Current Draw:220mA
Dimensions:93.5mm(D) x 42mm(W) x 52mm(H)
Weight:160g
Accessories:Owner's Manual

**Notes : Any specification's update will not be amended in this manual.*

Part No:620010622

MOOER

Micro Series

Micro PREAMP
前级单块

用户手册

注意事项

使用前请仔细阅读

电源供应
请使用正确的交流电源插座连接电源变压器。
请使用内负外正 ⊕—◎—⊖ 的9V（±10%）电源变压器，否则将会导致设备损坏，着火或者其他问题。不使用时或雷雨天时请拔下电源。

连接
连接设备或断开连接前，请务必关闭电源及其他设备，这将有助于避免故障和损害其他设备。另外，要确保移动本机前断开所有的连接线和电源线。

放置场所
为防止变形、变色，及其他严重损坏，请避免以下情况：
•阳光直射　　•靠近热源
•磁场　　•高温潮湿
•多尘或不洁的地方　•湿度较大
•强烈震动或摇晃

电器干扰
在使用本机时，收音机和电视机可能会造成干扰。使用本机时要远离收音机和电视机。

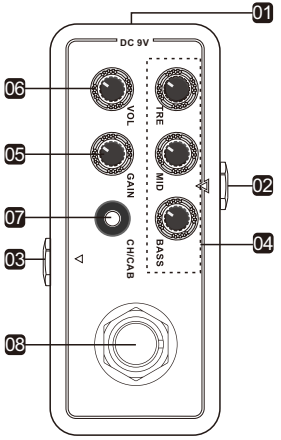
清洁
请使用干燥柔软的布清洁本机。如有必要，可用稍微湿润的布拭擦。切勿使用粗糙的清洁粉、酒精、涂料稀释剂、蜡、溶剂、清洁剂及化学试剂等浸渍抹布。

操作
请勿暴力使用开关及控制元件。
请勿让纸屑、金属制品及其他物体落入机内。
注意不要摔落，不要使其受到冲击及过度压力。

性能概述

- MOOER自主的建模技术，精准模拟真实音箱前级的音色和动态。
- 可独立储存参数的双通道音色
- 搭载可开关的箱体模拟功能
- 两种使用模式，满足踩钉切换通道或开关效果的不同需求
- 一如既往的小巧、坚固
- 纯直通脚踏开关
- 9V电源供电 ⊕—◎—⊖

面板说明



1.DC 9V:
9V直流电源接口，内负外正
2.INPUT输入：
1/4”单声道音频接口，连接输入信号
3.OUTPUT输出：
1/4”单声道音频接口，连接输出信号
4.三段均衡旋钮：
TRE（高频）、MID（中频）、BASS（低频）。
当旋钮在12点位置时最为接近原始采集的均衡数据，顺时针旋转为增益，逆时针为衰减。
5.GAIN旋钮：
调节效果的增益度
6.VOL旋钮：
调节效果的音量

7.按键双色LED指示灯:
短按切换通道（蓝：Clean，红：Dist），长按开关箱体模拟（常亮：箱体模拟关闭，闪烁：箱体模拟开启）

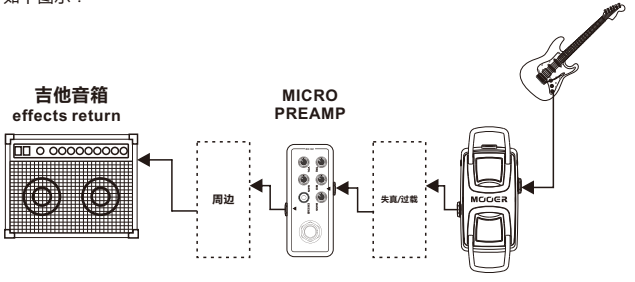
8.踩钉：
踩钉开关有两种使用模式可选
1、开启效果或直通
2、切换通道。（在此模式下为常开状态）
在Micro PREAMP开启时踩下踩钉并保持2秒用以切换两种模式，完成后LED指示灯会闪烁两下提示状态切换完成。

注：所有的参数旋钮包括三段均衡、音差、增益度均会在切换通道时记忆设置好的参数

连接说明

1、电源连接：
连接DC 9V 220mA（内负外正）适配器至DC In接口
2、输入：
连接您的吉他信号、或前置效果类（如过载、失真、哇音等）输出信号至前级的INPUT接口。
3、输出：
连接前级的OUTPUT至后级或带FX LOOP音箱的RETURN接口（推荐使用电子管后级）。不同的后级将会对最终音色造成影响。你也可以开启箱体模拟功能将前级的信号直接进入声卡或调音台使用。

注：推荐将周边效果（如调制类、混响、延迟）置于前级输出至后级之间。
如下图示：



技术参数

输入：1/4”单声道音频接口（阻抗1Meg Ohms）
输出：1/4”单声道音频接口（阻抗100 Ohms）
电源供给：9V直流变压器（内负外正），推荐使用Mooer Micro Power
工作电流：220mA
尺寸：93.5mm(D) x 42mm(W) x 52mm(H)
重量：160g
附件：用户手册

*免责声明：参数更新恕不另行通知

Part No:620010622