MOOER

PRIME M1
Intelligent Pedal

Owner's Manual

CONTENT

PRECAUTIONS

Please read carefully before using

Power

- Use a power supply that is approved by relevant authorities and complies with local regulations (e.g., UL, CSA, VDE, CCC).
- Use a power supply that meets the specifications designated by the manufacturer.
- Unplug the power supply when not in use or during thunderstorms.
- Avoid overheating the product containing batteries (for example, avoid direct sunlight and keep away from fire).
- If the battery leaks, avoid contact with skin or eyes. If contact occurs, please seek medical advice as soon as possible.
- The batteries included with this product can pose risks of fire or chemical burns if mishandled.

Placement

To prevent deformation, discoloration, and other severe damage, avoid the following conditions:

- Direct sunlight
- Near heat sources
- Dusty or dirty areas
- Magnetic fields
- High temperatures and humidity
- Excessive moisture
- Strong vibrations or shocks

Cleaning

When cleaning the device, use a dry, soft, or slightly moist cloth. Do not use rough cleaning powders, alcohol, paint thinner, wax, solvents, cleaners, or chemical agents.
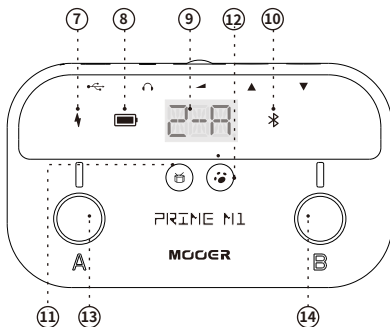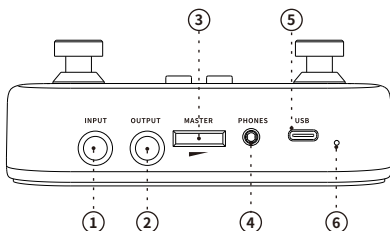
Operation

- Do not press the switches and rotating the controls knobs forcefully.
- Prevent paper scraps, metallic objects, and other items from falling into the device.

- Do not drop or subject the device to impacts or excessive pressure.
- Do not modify this product without authorization.
- For repairs, please contact MOOER
  Support: support@mooeraudio.com.

- 128 built-in high-quality guitar effect models. 21 bass effect models.
- MOOER Cloud for preset sharing, supports third-party IR loading.
- 40 drum grooves and 10 metronomes.
- Built-in 80-second looper.
- Stereo output.
- Supports headphone output for silent practice.
- Bluetooth audio playback.
- Supports OTG high-quality direct recording.
- Dual footswitch control.
- Compatible with mobile MOOER Prime APP and MOOER Studio editor software.
- Integrated rechargeable lithium battery.
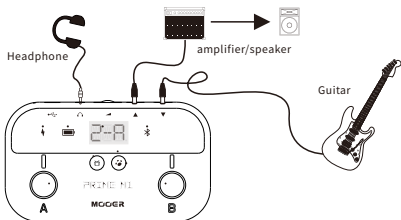- Extremely compact and portable.

PRIME M1

MOOER

A

B

① **Instrument Input**
Use a 1/4" standard (TS) signal cable to connect the guitar to this jack.

② **Stereo Output**

③ **Master Volume Control**
Adjusts the output volume and headphone output volume.

④ **Stereo Headphone Jack**
Connect a 1/8" TRS headphone to this jack.

⑤ **USB-C/OTG**
Connect to a 5V/2A power supply for charging or connect to a mobile device for OTG direct recording.

⑥ **Device Reset Hole**
Insert a needle into the reset hole and press it to restart the device.

⑦ **Charging Indicator LED**
Red LED indicates your M1 is charging; green LED indicates the charging is complete.

⑧ **Battery Indicator LED**

⑨ **Display Screen**

⑩ **Bluetooth**
Icon LED On indicates Bluetooth audio is connected.

⑪ **Drum Machine button**

⑫ **Power Switch**

⑬ **A Footswitch with LED indicator**

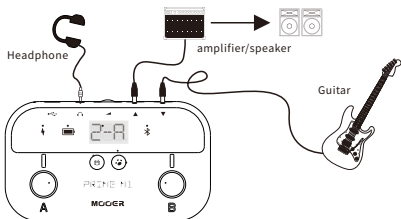⑭ **B Footswitch with LED indicator**

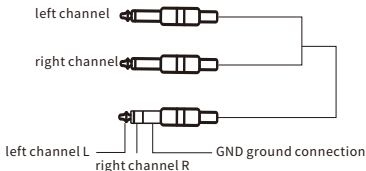## 1. Connections

1.1 Standard Connection

By connecting the device as shown in the diagram for mono setup. It requires a standard TS guitar signal cable:
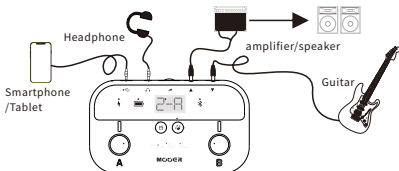

1.2 Stereo Connection

By connecting the device as shown in the diagram for stereo output setup. It requires a 1x TRS to 2x TS splitter cable.

left channel

right channel

left channel L

right channel R   GND ground connection

1.3 OTG Recording Connection

The Prime M1 can connect to a tablet or smartphone via a USB cable for OTG recording. Depending on the USB port of the tablet or smartphone, an appropriate OTG adapter may be required. The OTG recording volume can be adjusted in the APP under Mixer > USB control, and you can monitor it via headphones or the Output from studio speakers.
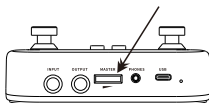

Headphone

amplifier/speaker

Guitar

Smartphone /Tablet

A   MOOER   B

2. Power On/Off

Press and hold the power button for 1 second to turn the device on or off.

3. Adjusting Output Volume

The M1 has an individual master volume control knob (Master), which adjusts the master volume level. This affects both the headphones and Output but does not affect the USB-OTG recording volume.
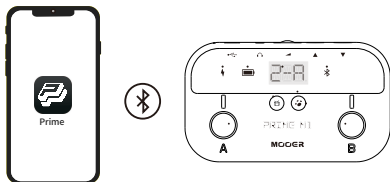

4. Selecting Preset Tones

The M1 offers 40 preset tone slots in banks 0-9. With four patches (A/B/C/D) per bank. Use the A or B footswitch to cycle through the presets. Pressing the A footswitch to go through the presets from 9-D to 0-A, while pressing the B footswitch to go back from 0-A to 9-D.

5. Editing Tones

The M1 allows deep editing of effect tones via the Prime APP and it is compatible to MOOER Cloud for use. You can download the PRIME APP from the App Store, Play Store, or the MOOER official website. After the installation completes, open the App, select M1 and complete the pairing for use.

Note:

- Make sure your phone or tablet's Bluetooth is turned on when using the app.
- Ensure a stable network connection when uploading or downloading tones from the cloud.

6. Tap

Power on the M1, press and hold footswitch B to enter the TAP mode, the footswitch LED will start to blink. Press the footswitch B for more than twice to set up a time for delay effect. Press footswitch A to quit.

7. Tuner

While the device is powered on, press the power button to enter the tuner mode. Press any button or footswitch again to exit the tuner mode. Open the App, you can find the tuner under Tools > Tuner, you can set the reference frequency and mute the output signal. The tuner display shows as follows:

| Flat pitch | Sharp pitch | Half-step up | In tune |

8. Drum Machine

M1 includes 40 different drum grooves and 10 metronomes for practice and entertainment.

- **Turning the Drum Machine On/Off:** Press the drum machine button to turn it on, and press and hold the button for 1 second to turn it off.
- **Adjusting BPM:** Once the drum machine is activated, press the drum machine button more than once to set the tempo manually.
- **Drum/Metronome Selection:** Press the drum machine button and the power button simultaneously to enter drum kit selection mode. The screen will display the number of drum groove, and you can use the A and B footswitches to select the drum kit. Once selected, press the drum machine button again to exit.
- **Adjust Drum Machine Volume:** This can be set via the Prime APP.

9. Looper

Press and hold both the A and B footswitches for 300ms to enter looper mode. Press and hold the footswitch again to exit and return to preset control mode.

- **Recording:** Press the A footswitch (the footswitch light will flash slowly) to enter recording standby. The M1 will automatically start recording when the first note is detected. During recording, the footswitch light flashes quickly, and the screen will show a recording progress indicator.

- **Playback:** While in recording or paused state, press the A footswitch to play the recorded audio from the beginning. The footswitch light will stay on, and the screen will show a playback progress indicator.

- **Overdub:** While playing back, press the A footswitch to start overdubbing from the current position (the footswitch light will flash quickly), and the screen will show a recording progress indicator until overdubbing is stopped by pressing the A footswitch to return to playback or pause.
- **Pause:** During recording, playback, or overdubbing, pressing the B footswitch will pause the process. The footswitch light will remain on, and the screen will stop and flash the progress indicator.
- **Deleting:** Press and hold the footswitch B to delete the recorded file (both footswitch lights will turn off), and the screen will display "LP."
- **Drum Machine Sync Mode**

The drum machine can be set to sync with the looper through the APP under Tools > Drum Machine.

Sync Off: Looper and drum machine work separately, and the looper uses Auto Recording, meaning it starts recording when the input signal exceeds the default threshold.

Sync On: Press the footswitch A will have count-in before start recording automatically, while the drum machine plays simultaneously. When the looper pauses or resumes playback, the drum machine will also pause or resume.

10. Bluetooth Audio Playback

The M1 supports Bluetooth audio playback. You can search for "Prime M1" on your phone/tablet Bluetooth menu, then connect to it. Then you can play the audio track from your mobile device through the M1.

11. Reset

If the M1 malfunctions and cannot operate normally, insert a needle object into the reset hole and press to restart the device.

12. Power Management

● **Battery Level Indicator:** The M1's battery status can be determined by the battery indicator light on the panel. If the red light flashes and the screen display and A/B footswitch lights flash as well, it indicates that charging is required immediately.

● **Charging Indicator:** The M1 charges via the USB port. The charging indicator light will turn red when charging, and green when fully charged.

EFFECT LIST

Please visit www.mooeraudio.com for the full effect list of Prime M1 Pedal

SPECIFICATIONS

Input:	6.35mm mono input jack (impedance value 2MΩ)
Output:	TRS 6.35mm stereo output jack (impedance value 100Ω)
Headphone Output:	3.5mm stereo output jack (impedance value 32Ω)
USB:	USB-C, for charging or OTG recording
Bluetooth:	5.0
Battery Capacity:	2000mAh
Battery Duration:	5 hours
Charging Time:	2.5 hours
Power Requirements:	DC 5V/2A, please use USB-C to USB-A cable for charging.
Impulse Response (IR)	
Format:	WAV
Sampling Rate:	44.1k (supports full sampling rate IR files)
Sampling Accuracy:	24bit
Sample Points:	512pts
Operating Temperature:	0°C~60°C
Weight:	190g
Dimensions:	120 (D) x 70.2 (W) x 31.9 (H)mm
Accessories:	Quick Guide, USB Cable

For more information, please visit MOOER official website: https://www.mooeraudio.com/

www.mooeraudio.com