MOOER

PRIME M2
Intelligent Pedal

User Manual

CONTENT

PRECAUTION

Please read carefully before use

Power Supply

- Use power supplies that are approved by relevant authorities and comply with local regulatory requirements (e.g., UL, CSA, VDE, CCC).
- Use power supplies that meet the specifications specified by the manufacturer.
- Unplug the power supply when not in use or during thunderstorms.
- Do not expose products with batteries to excessive heat (e.g., avoid direct sunlight and keep away from fire).
- If the battery leaks, avoid contact with skin or eyes. If contact occurs, consult a doctor immediately.
- Batteries included with this product may pose a risk of fire or chemical burns if handled improperly.

Placement

To prevent deformation, discoloration, or other serious damage, avoid the following conditions:

- Direct sunlight
- Proximity to heat sources
- Dusty or dirty environments
- Magnetic fields
- High temperatures or humidity
- Excessive vibration or shaking

Cleaning

- Use a dry, soft cloth or a slightly damp cloth to clean the device.
- Do not use: abrasive cleaning powder, alcohol, paint thinner, wax, solvents, detergents, or chemical agents.

Operation

- Do not use excessive force on switches or controls.
- Prevent paper scraps, metal objects, or other foreign materials from entering the device.
- Avoid dropping the device or subjecting it to impact or excessive pressure.
- Do not modify this product without authorization.
- For all repair issues, contact the MOOER Customer Service Center.

KEY FEATURES

- Touchscreen design.
- Built-in 194 impressive effect models; dynamic-loading-design effect chain supports reuse of the same type of effect modules.
- Supports loading MNRS sample files and third-party IR sample files.
- Up to 80 preset slots.
- Built-in recording looper with 80-minute capacity in total, offering 10 recording save slots.
- 56 drum grooves and 4 metronomes.
- Supports Bluetooth audio playback.
- Supports OTG recording.
- Dual-channel stereo output.
- Supports headphone output for silent practice.
- Dual-footswitch control, supports external MIDI controller and MOOER wireless footswitch for extensional control.
- Built-in rechargeable lithium battery.
- Specialized MOOER Prime mobile APP and MOOER Studio desktop software for user data management.
- MOOER intelligent system equipped with cloud technology, offering easy tone data sharing experience.

PANEL AND INTERFACE FUNCTION

① **Touchscreen**
Allows quick operation and settings through the screen.

② **Power Switch Button**
Long press the power button and release when the RGB light turns on to power on the M2; long press during use to power off. Short press during use to lock (red light) or unlock (blue light) the touchscreen.

③ **Dual-channel Stereo Output Jack**
6.35mm (1/4 inch) TS jack, connect M2 to speakers, effects pedals, audio interfaces, or mixing consoles using a guitar signal cable.

④ **Input Jack**
6.35mm (1/4 inch) TS jack, connect M2 to instruments using a guitar signal cable.

⑤ **RGB Light**
Indicates input signal strength and can also serve as ambient lighting (customizable in the app settings).

⑥ **InLeft Footswitch**
Switch between preset tones; long press to open the tuner, short press to exit the tuner; short press to exit the tap tempo mode.

⑦ **Right Footswitch**
Switch between preset; long press to enter tap tempo mode, press twice consecutively to set the tempo speed (see the tap tempo function section); short press to exit the tuner mode.

⑧ **MIDI Jack**
3.5mm (1/8 inch) MIDI jack for connecting MIDI controllers to extend control functions. M2 comes with a 3.5mm to 5-pin MIDI cable.

⑨ **Headphone Jack**
3.5mm (1/8 inch) jack, suitable for TRS (stereo) headphones and TRRS (headphone with microphone) plugs.

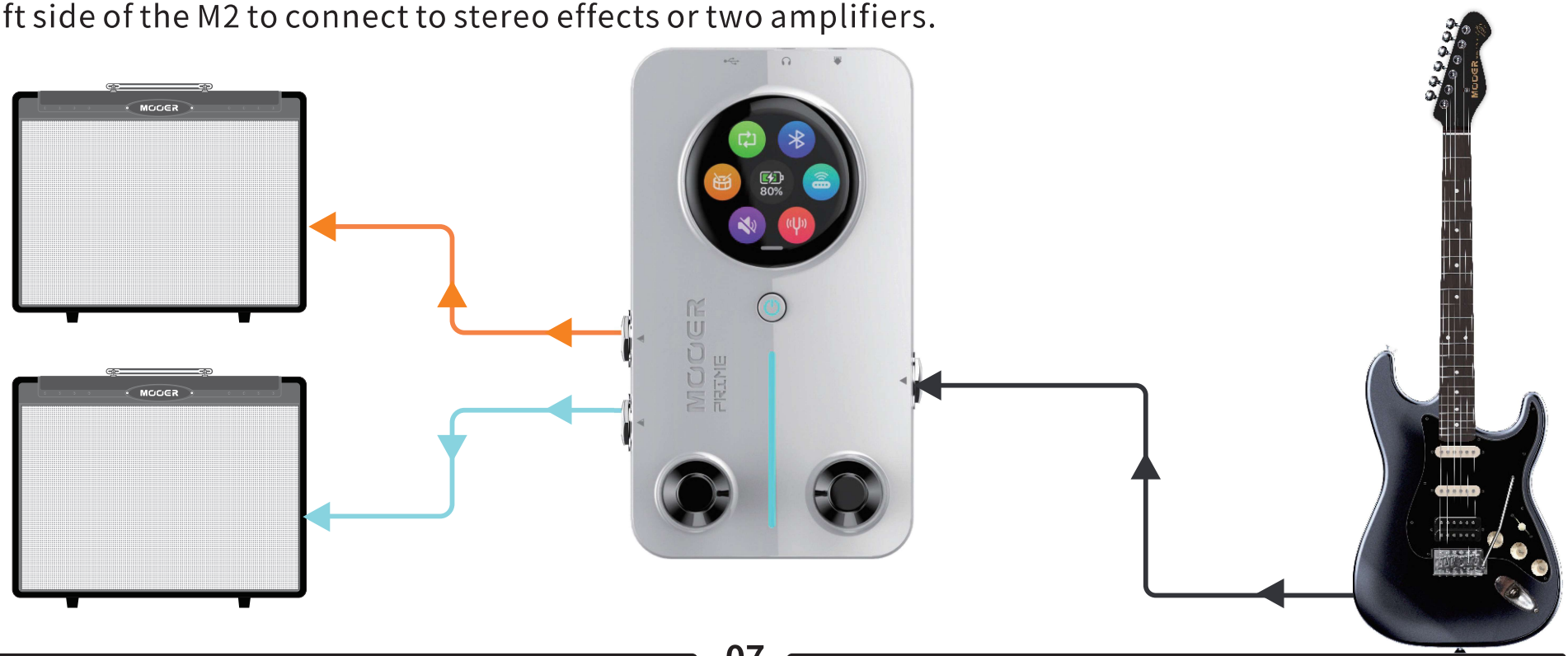
⑩ **Type C Jack**
Used for charging the M2's built-in lithium battery and OTG recording.

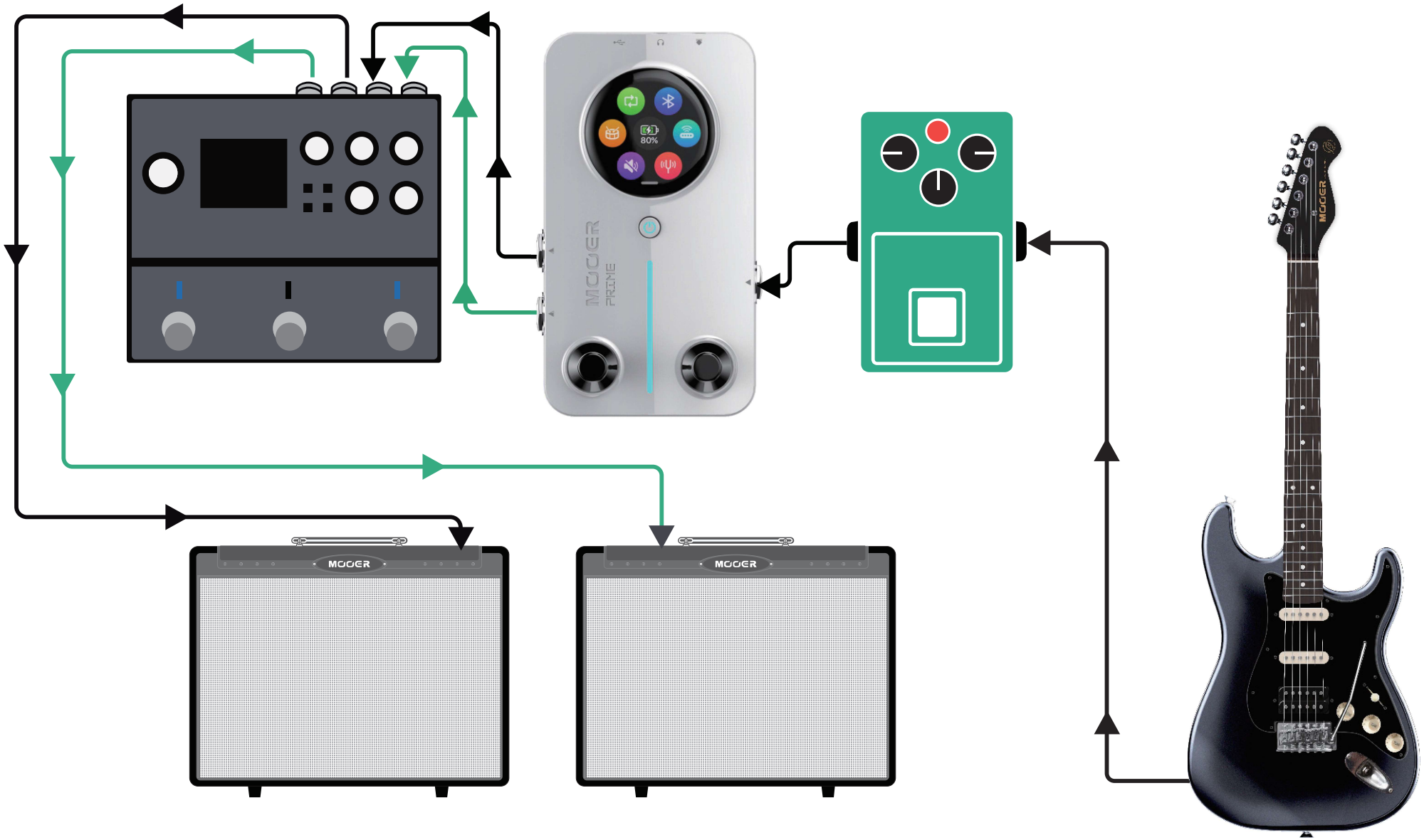
⑪ **Reset Switch**
If the M2 is unresponsive and cannot be restarted via the power button, use a pin to press the reset switch to force restart the device.

QUICK START

DEVICE CONNECTIONS

- M2 can be used as a standalone tone processing device or placed in any position within an effects chain. Use a guitar cable to connect the guitar or other effects to the Input Jack on the right side of the M2. For output, you can choose mono or stereo output. For mono output, use the L (Mono) Output Jack on the left side of the M2 to connect to other effects or an amplifier. For stereo output, use the L and R Output Jacks on the left side of the M2 to connect to stereo effects or two amplifiers.

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- **Silent Practice**

The M2 provides a 3.5mm (1/8 inch) headphone output jack. By connecting headphones with an impedance of no more than 32Ω to the M2, silent practice can be achieved.

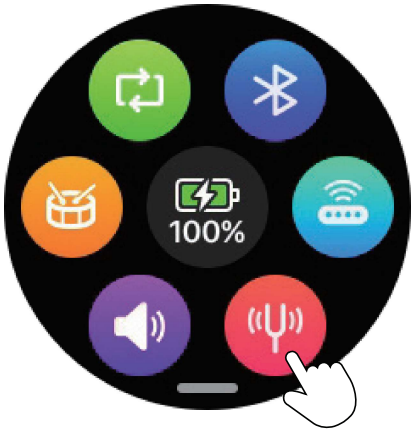
POWER ON/OFF

Long press the power button and release it when the RGB light turns on to power on the M2; long press the power button while in use to power off. M2 supports setting the auto power-off time in the app. After stopping use, M2 will automatically power off once the set time is reached to save battery power.

TUNER

- **Activate Tuner**

Swipe down on the screen in the preset tone selection page to bring up the settings menu, then tap the tuner icon to open the tuner, or long press the left footswitch to activate the tuner.

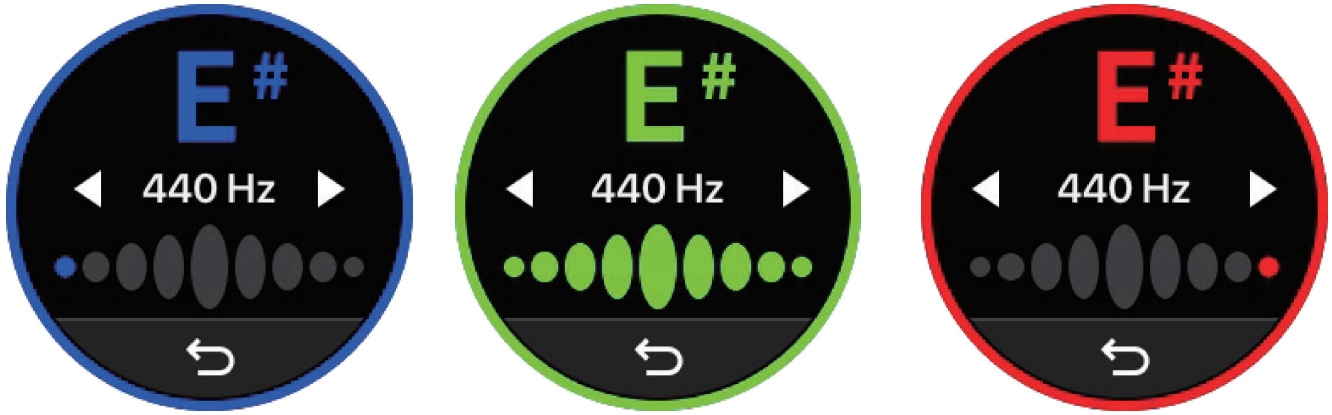


- **Exit Tuner**

Tap the back arrow icon or press either footswitch to exit the tuner.

- **Tuning**

Tap the reference frequency (shown as 440Hz) to customize the frequency value (range 430Hz-445Hz). The calibration status is indicated as follows: the left side shows a lower pitch than standard, the middle indicates accurate pitch, and the right side shows a higher pitch than standard.



SELECT PRESET

- **Select Preset via Touchscreen**

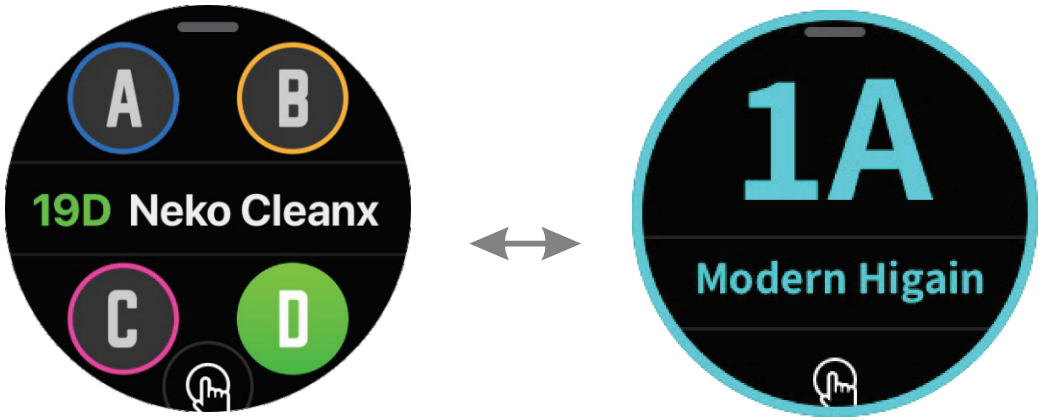
Tap the preset name to bring up the tone group screen. Use the left and right arrows to switch between tone groups, and tap A, B, C, D to select the preset.

- **Switch Preset via Footswitches**

Press the left footswitch to go backward (e.g., from 2D to 1A).
Press the right footswitch to go forward (e.g., from 1A to 2D).

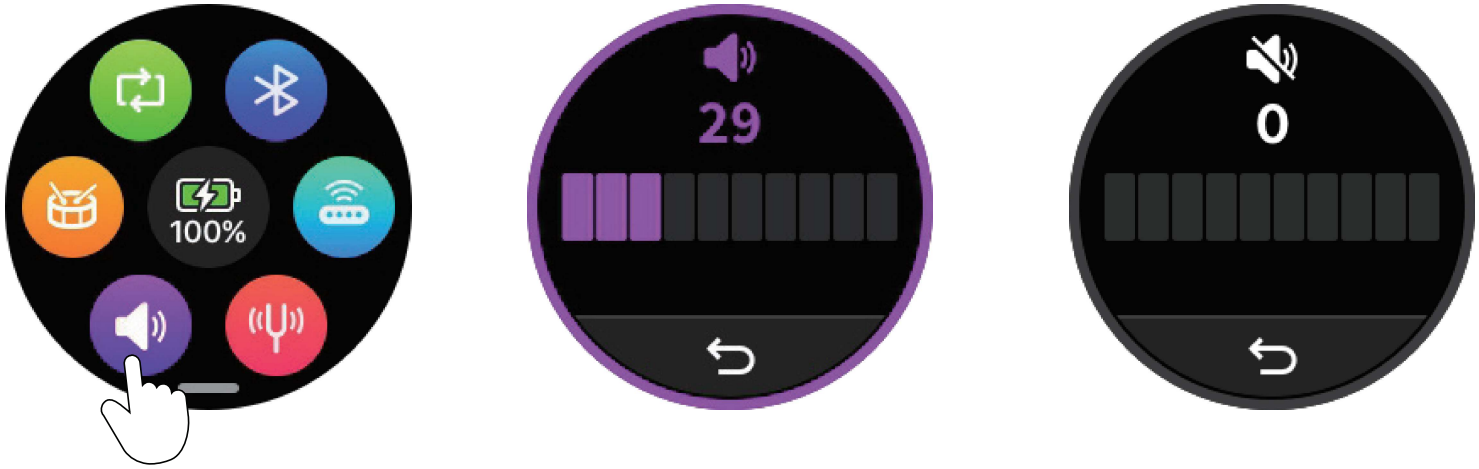
- **Preset Display Modes**

The preset display offers two display modes
Normal Mode (left) and Live Mode (right). Tap the finger icon at the bottom of the screen to switch between modes. In Live Mode, the preset number and name are enlarged, making it easier to accurately identify tone information during live performances.



ADJUST OUTPUT VOLUME

In the settings menu, tap the volume icon to adjust the M2's overall output volume. Slide the volume bar to make adjustments. Tap the back arrow icon or press either footswitch to exit the volume adjustment page.

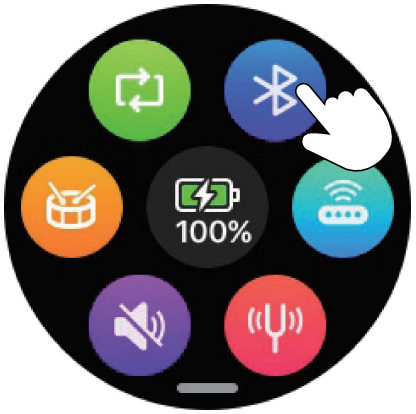


LOCK SCREEN

To prevent accidental screen touches from affecting usage, the M2 provides a screen lock function. Short press the power button, and when the button light turns red, the touchscreen will be locked, making the screen unresponsive. Press the power button again, and when the button light turns blue, the touchscreen will be unlocked, restoring touch functionality.

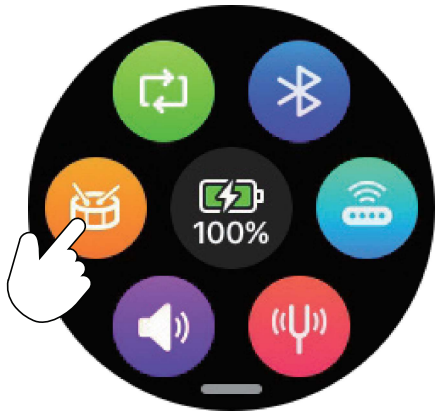
USING M2 TO PLAY MUSIC VIA BLUETOOTH

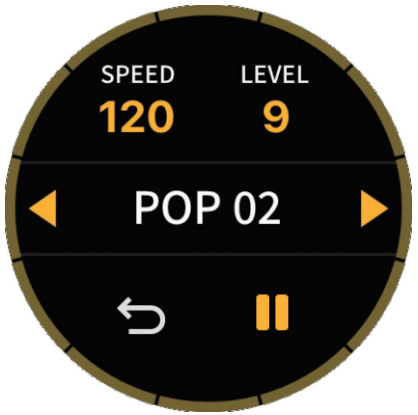
In the M2 settings menu, tap the Bluetooth icon to enable or disable the M2's Bluetooth audio playback channel. Once the channel is enabled, mobile devices like smartphones can search for and connect to "Prime M2 Audio" via Bluetooth. After a successful connection, you can play your favorite music on your phone's music player, and the audio will be output through the M2's headphone jack and stereo output jack to amplification devices. When using the M2's Type C interface for recording, the music will also be recorded simultaneously.



LOOPER AND DRUM MACHINE

In the settings menu, tap the drum machine icon to enter the drum machine page. Tap the arrow icon ◀ 6 Pop Rock ▶ to select the drum machine metronome type.Tap the Level icon at the top right to adjust the playback volume. Tap the Speed icon at the top left to set the tempo. Tap the ▶ or ⏸ icon at the bottom right to start or stop the drum machine. Tap the back arrow icon at the bottom left or press any footswitch to exit the drum machine page (without changing the drum machine's working state). The selected drum machine metronome settings will be automatically saved as the default.

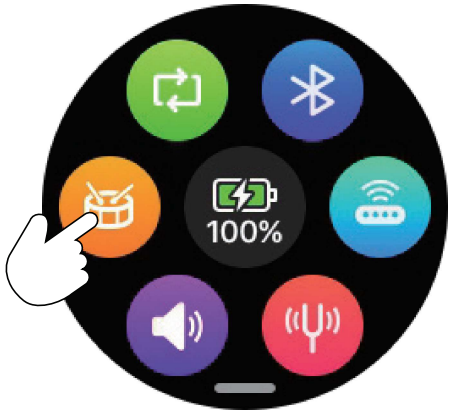


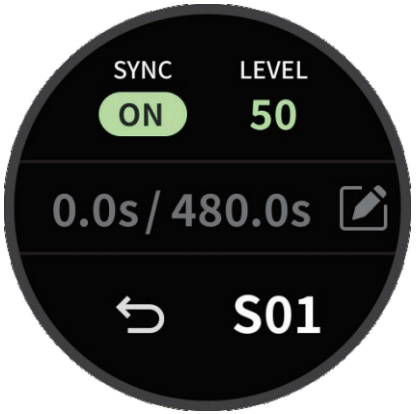


LOOP RECORDING

The M2 features a powerful built-in looping function with 10 recording slots (Song1-Song10), each capable of saving up to 8 minutes of audio in WAV format.

- **Enter Loop Recording**
  Method 1
  In the M2 settings menu, tap the loop recording icon to enter the loop recording page. Tap the back icon to exit the loop recording page and return to the settings menu (without changing the loop recording's working state).





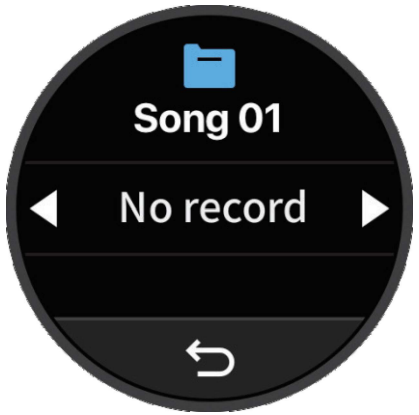
Method 2

Press and hold both the left and right footswitches on the M2 for 300ms to toggle between the preset tone page and the loop recording control page. The footswitches will also switch to the corresponding control mode for either preset tones or loop recording.

Alternative Method: If you have purchased the MOOER F4 wireless foot controller, you can toggle between the preset tone page and the loop recording page by pressing and holding the B and C footswitches on the F4 simultaneously for 300ms.

- **Select a Recording Slot**

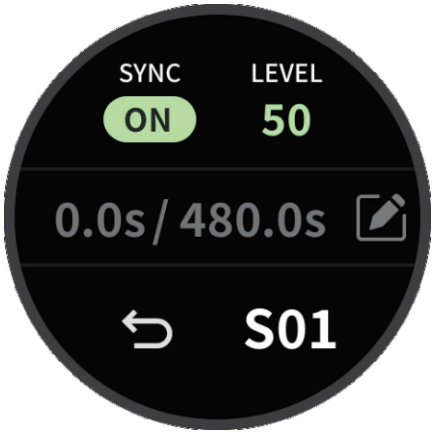
Tap the file number icon at the bottom-right corner of the screen, such as "S01," to choose a recording slot for saving the recording. Switching to a different recording slot during recording/playback/pausing will automatically discard and delete the current recording.



- **Drum Machine Sync**

Enable Sync
Tap the SYNC icon to activate synchronization between the drum machine and loop recording. When you press the left footswitch on the M2 to start recording, the M2 will play four beats at the current drum machine tempo as a cue. Recording will then begin automatically along with the drum machine playback. When recording is paused, the drum machine playback will also stop.

Disable Sync
Tap the SYNC icon again to deactivate synchronization. In this mode, the drum machine and loop recording are independent. Pressing the left footswitch on the M2 enters the recording standby state, and the M2 will automatically start recording upon detecting an input signal.



Recording

Press the left footswitch to start recording. A red circular animation on the screen will indicate that recording is in progress. Refer to the "Drum Machine Sync" section for details. The center of the screen displays the time information: The left side shows the elapsed time of the current recording. The right side shows the maximum available recording time.

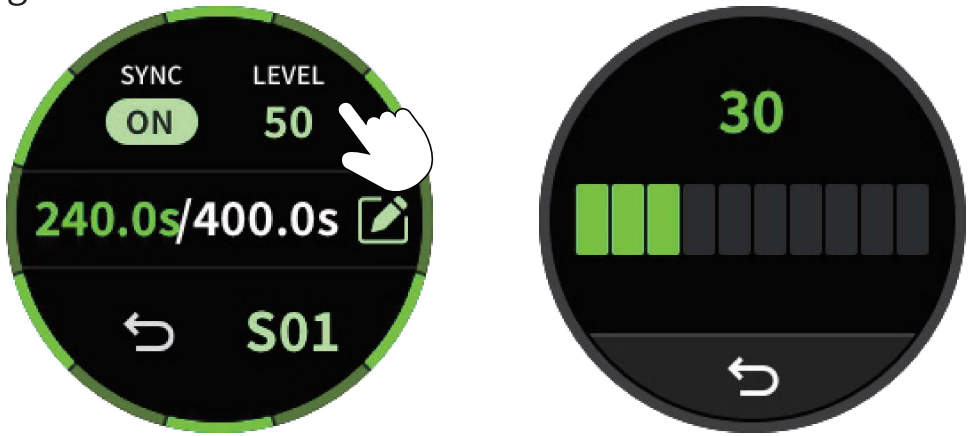
Please note that switching is performed upon RELEASE of the footswitch, not when it is pressed down!

Playback

During the recording process, press the left footswitch to start playback. A green circular animation on the screen will indicate that playback is in progress. the time information bar shows the elapsed time on the left and the total duration of the recording file on the right.

Volume Control

Tap the **Level** icon to enter the volume adjustment page. Slide left or right to adjust the playback volume of the recording.



Overdub Recording

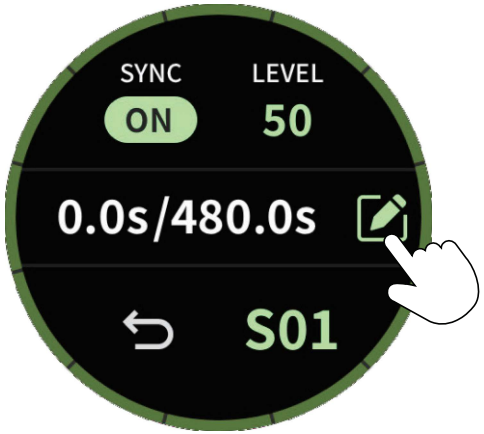
During playback, pressing the left footswitch will overlay a new recording on the existing file, with a purple circular animation on the screen, and the time information bar showing the elapsed time of the overlay recording on the left and the total duration of the recording file on the right.

Undo and Redo
During playback, press and hold the left footswitch to undo the most recent recorded track. Press and hold the left footswitch again to redo the undone track.

Stop
Press the right footswitch during recording or playback to stop the current process. A green circular animation will flash to indicate this action.

Delete
In recording, playback, or stop mode, press and hold the right footswitch to delete the current recording file.

Save
After pausing, tap the Write icon to save the current recording file to the selected recording position. The SYNC setting, as well as relevant information such as drum kit type, drum machine volume, and drum machine speed when SYNC is enabled, will also be saved into the recording file.



TAP TEMPO

- **Enter/Exit Tap Tempo Function**

Press and hold the right footswitch to enter Tap Tempo mode (except in recording loop mode). The RGB light bar will flash according to the current Tempo speed as a visual aid. Press the left footswitch to exit.

- **Global Mode**

Tap the screen to select G (Global Mode), then press the right footswitch twice in quick succession. M2 will set the Tempo speed based on the time interval between the last two footswitch presses, applying it to the modulation effect speed, delay effect time, and drum machine playback speed of all preset sounds. You can also adjust the Tempo speed by tapping the arrow icon on the screen.

***In Global Mode, when adjusting the drum machine speed, the set speed value will also serve as the global Tempo speed. If you are using the recording loop function and select a recording file that contains drum machine information, the Tempo speed will automatically sync with the drum machine speed to ensure the modulation effect speed and delay effect time in the preset sounds match the drum machine speed, providing a better playing experience.**

- **Preset Mode**

Tap the screen to select P (Preset Mode), then press the footswitch twice in quick succession. M2 will set the Tempo speed based on the time interval between the last two footswitch presses, applying it to the modulation effect speed and delay effect time of the current preset sound. You can also adjust the Tempo speed by tapping the arrow icon on the screen.

***In Preset Mode, the Tempo setting only affects the modulation effect speed and delay effect time in the current preset sound.**

- **Delay and Modulation Effects**

If you want the delay and modulation effects to be controlled by the Tap Tempo function, you will need to configure some settings through the Prime APP.

Modulation Effects

The modulation effect speed (Rate) parameter, when set to a value greater than 100, will display rhythm options such as 1/1, 1/2, 1/2D, 1/2T, 1/4, 1/4D, 1/4T, 1/8, 1/8D, 1/8T, 1/16, 1/16D, 1/16T, 1/32, 1/32D, and 1/32T. When you set the speed (Rate) to one of these rhythm options, it will be affected by the Tempo speed. All modulation effects, except for Pitch, Lofi, and Slow Gear, support Tempo speed control.

Delay Effects

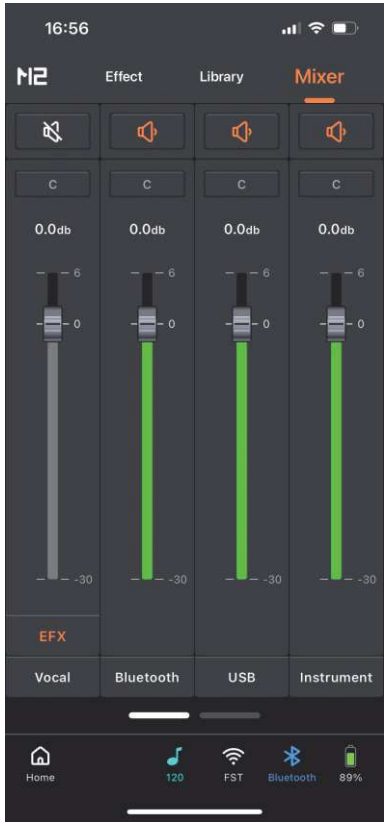
Tap the Tempo icon next to the Time parameter. When the icon is lit, the Time parameter will display rhythm options such as 1/32T, 1/16T, 1/32, 1/8T, 1/32D, 1/16, 1/4T, 1/16D, 1/8, 1/8D, 1/4, 1/2T, 1/4D, 1/2, 1/2D, and 1/1. In this case, the delay effect will be influenced by the Tempo speed. When the icon is off, the Time parameter will be displayed in milliseconds (ms), and the delay effect will not be affected by Tempo speed. During the adjustment of the Time parameter, if the Tempo icon is toggled on or off, the Time value will be automatically calculated and displayed according to the current Tempo speed, ensuring consistency in the delay effect. However, if the Time value exceeds the maximum or minimum range (40ms - 2500ms), the Time will be adjusted to the maximum (2500ms) or minimum (40ms) value accordingly.

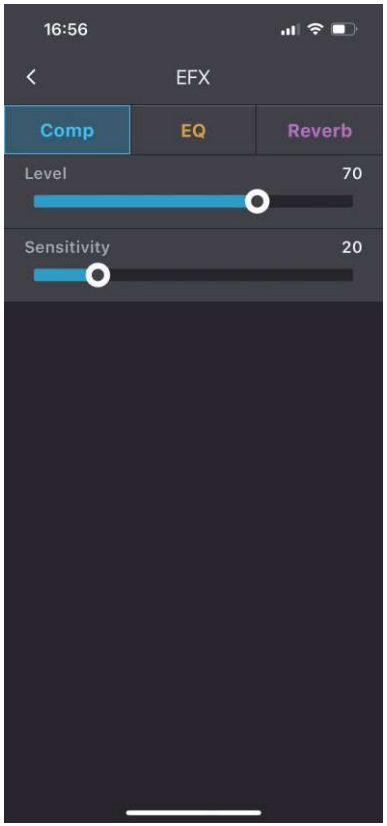
OTG RECORDING

The M2 provides OTG recording functionality. By using the Type-C interface on the M2, digital signals can be output to a smartphone, tablet, or computer for lossless audio recording. You can monitor the recording via the headphone output or the 6.35mm output. When connecting to recording devices, a USB cable or OTG adapter (sold separately) that matches the device's interface specification is required. The output level of the OTG can be adjusted in the Prime APP under the Mixer page.

VOCAL EFFECTS

The M2 provides a dedicated vocal channel with commonly used vocal processing effects. When using a TRRS-compatible headset with a microphone, you can enable the vocal channel to perform simple live streaming and recording tasks. The volume and effect settings for the vocal channel can be adjusted in the Prime APP under the Mixer page.

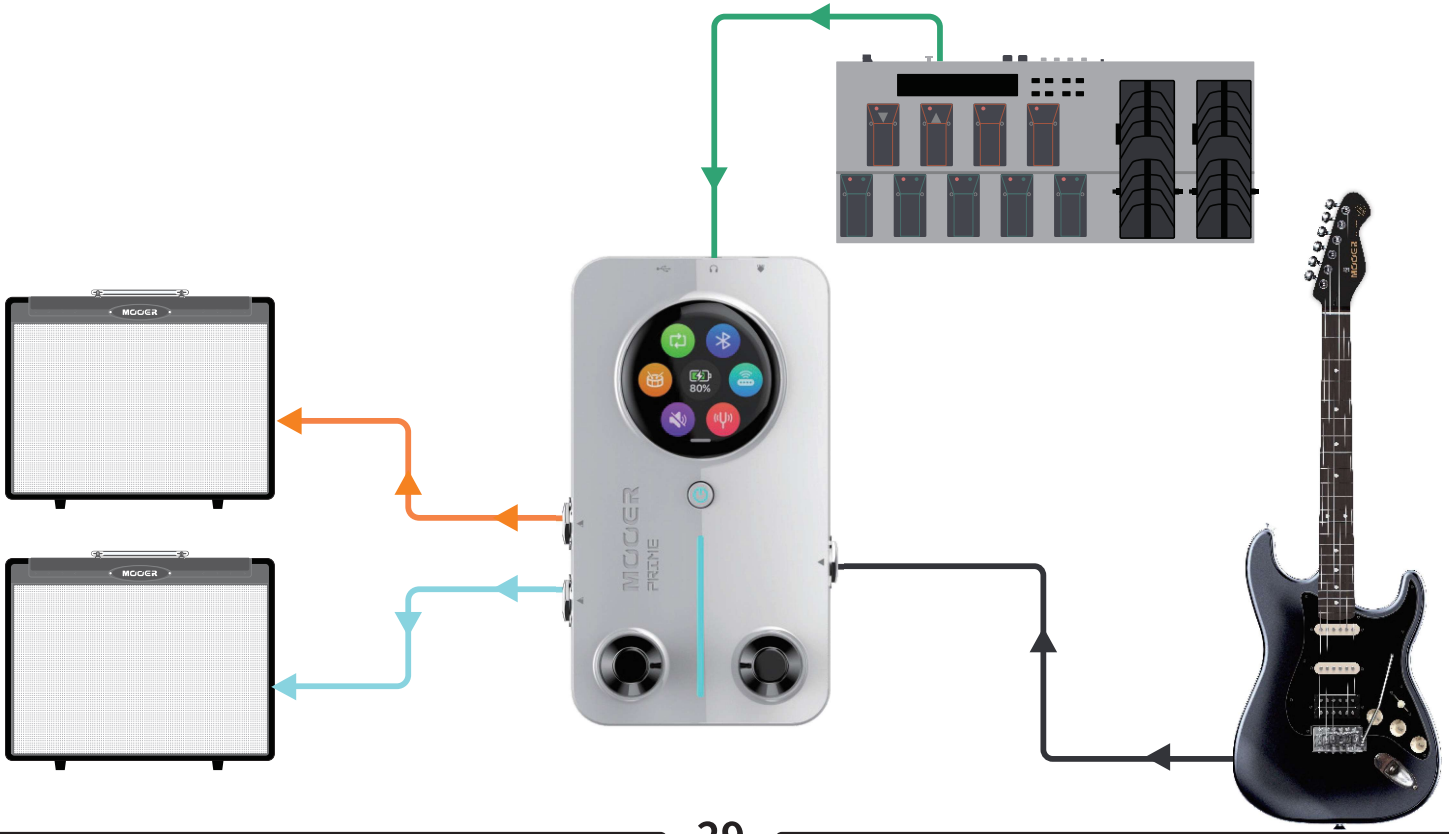


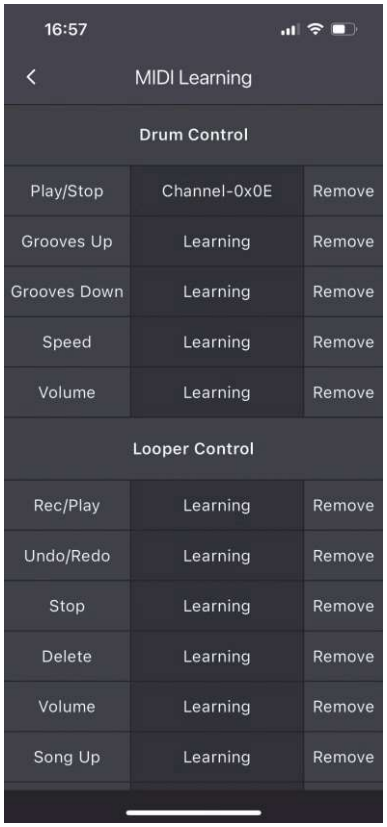


MIDI CONTROL

M2 provides a 3.5mm MIDI interface for connecting external MIDI control pedals to extend control functionality. MIDI mapping needs to be configured in the Prime APP under Settings > MIDI Settings. The M2 uses a learning process to identify the channels and CC codes of third-party MIDI foot controllers and create mappings, making it quick and easy to use MIDI devices.

***M2 currently only supports CC (Control Change) codes. Please refer to the table below for the available MIDI functions. A 3.5mm dedicated MIDI cable is included with the factory package.**

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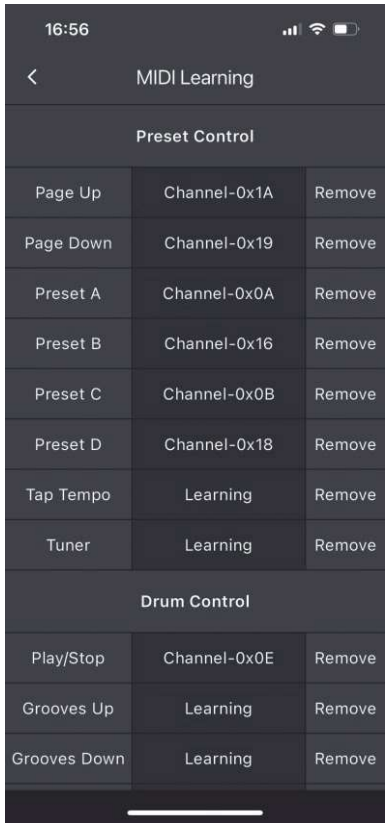
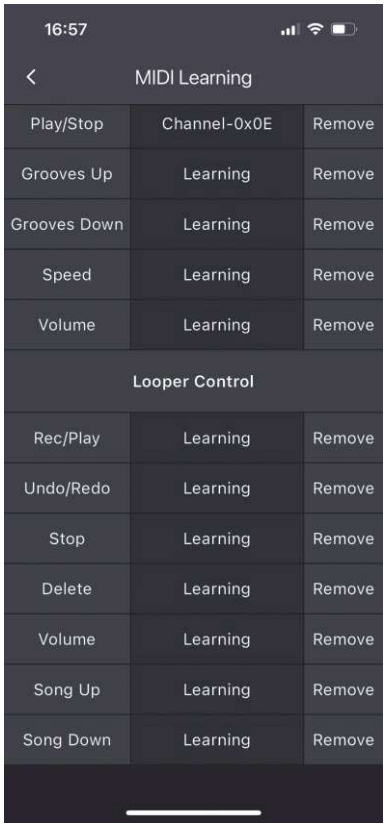
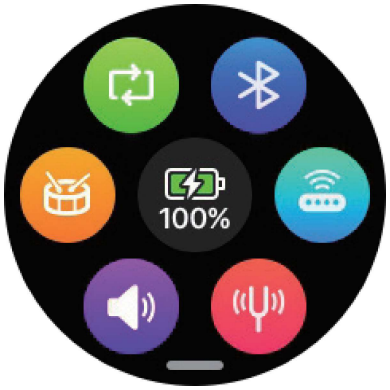
MIDI Learning
Drum Control
Play/Stop Channel-0x0E Remove
Grooves Up Learning Remove
Grooves Down Learning Remove
Speed Learning Remove
Volume Learning Remove
Looper Control
Rec/Play Learning Remove
Undo/Redo Learning Remove
Stop Learning Remove
Delete Learning Remove
Volume Learning Remove
Song Up Learning Remove


16:56
MIDI Learning
Preset Control
Page Up Channel-0x1A Remove
Page Down Channel-0x19 Remove
Preset A Channel-0x0A Remove
Preset B Channel-0x16 Remove
Preset C Channel-0x0B Remove
Preset D Channel-0x18 Remove
Tap Tempo Learning Remove
Tuner Learning Remove
Drum Control
Play/Stop Channel-0x0E Remove
Grooves Up Learning Remove
Grooves Down Learning Remove


16:57
MIDI Learning
Play/Stop Channel-0x0E Remove
Grooves Up Learning Remove
Grooves Down Learning Remove
Speed Learning Remove
Volume Learning Remove
Looper Control
Rec/Play Learning Remove
Undo/Redo Learning Remove
Stop Learning Remove
Delete Learning Remove
Volume Learning Remove
Song Up Learning Remove
Song Down Learning Remove

BATTERY CHARGING

The M2 is equipped with a 3000mAh lithium battery, and the current battery status will be displayed in the screen settings menu. When the device indicates that charging is needed, you can connect an adapter to the Type C port for charging. The M2 supports charging using qualified smartphone or tablet adapters.



RESET

If M2 encounters a malfunction and cannot be restarted using the power button, you can use a pin to insert into the reset hole and press the reset button to restart the M2.

WIRELESS FOOTSWITCH CONTROL

M2 supports extended control functions via the Mooer F4 wireless footswitch.

- **Connection Pairing**

Turn on the F4 wireless footswitch, and simultaneously press footswitches A + C until all footswitch LEDs blink. In the M2 settings menu, click the wireless footswitch icon to search for and establish a pairing connection. After the pairing is complete, M2 will automatically reconnect with the footswitch next time, without needing to pair again. If the footswitch icon is lit, it indicates the footswitch is connected; if the icon is grey, it means the connection is disconnected (you can also manually disconnect by clicking the footswitch icon).

- **Footswitch Control Modes**

The F4 wireless footswitch offers two control modes: Preset Tone Control Mode and Recording Loop + Drum Machine Control Mode. You can switch between modes by simultaneously pressing footswitches B + C and holding for 300ms.

- **Preset Control Mode**

When the F4 wireless footswitch is in Preset Control Mode, the footswitch screen will display the tone group and preset position information.

Tone Group Paging

Simultaneously press footswitches A + B to page backward (e.g., from 2D-1D), and simultaneously press footswitches C + D to page forward (e.g., from 1D-2D).

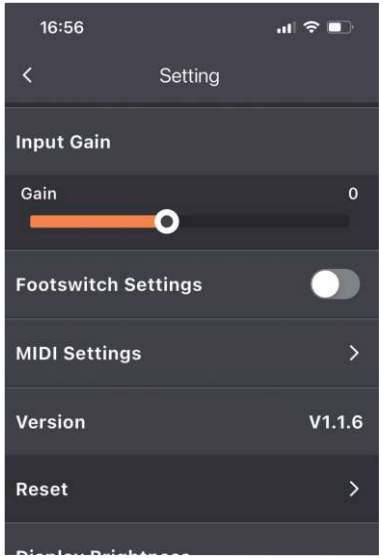
Preset Switching

Press footswitches A, B, C, or D to select the corresponding preset position.

Tap Tempo Setting

Press a footswitch at the current preset position to enter tap tempo mode. Once in this mode, press the footswitch twice or more to set the tempo (refer to the "Tempo Tap Tempo" section for more details). Press any other footswitch to exit the tempo setting mode.

*** When using the Mooer F4 wireless footswitch to expand preset tone control, you can activate footswitch settings in the Prime APP under Settings. This allows you to configure the M2' s left and right footswitches astone group switching switches, enabling quick preset tone switching when used with the F4 wireless footswitch.**



- **Recording Loop/Drum Machine Control Mode**

  Recording
  Press footswitch A to start recording.

  Playback
  In recording or stopped status, press footswitch A to play the recording.

  Layered Recording
  During playback, press footswitch A to layer additional recording on top.

  Undo/Redo
  During playback, long press footswitch A to undo the last layered track. Press footswitch A again to restore the track that was undone. If only one track exists in the recording (no layered recordings), the undone track will be permanently deleted and cannot be restored.

  Stop
  Press footswitch B during recording or playback to stop the current process.

  Delete
  Long press footswitch B to delete the current recording file.

Drum Machine Speed Setting

Press footswitch C three times in quick succession to set the drum machine's playback speed. The footswitch LED will blink to indicate drum machine speed. After 3 seconds of inactivity, it will exit speed setting mode. When using global tempo setting mode, footswitch C will adjust the global tempo, and you will need to press other footswitches to exit tempo setting mode.

Drum Machine Stop

Press footswitch D to control the drum machine's playback and stop.

Recording Location and Drum Kit Selection

Long press footswitch C to enter the recording location and drum kit selection mode. Use footswitches A or B to choose the recording location (F4 footswitch screen shows Song1-Song10 corresponding to S1-S0). Press footswitch C or D to select the drum kit (F4 footswitch screen shows 01-60 to indicate the 60 built-in drum kits and metronomes in M2).

*** The working logic of the Recording Loop and Drum Machine can refer to the "Recording Loop" section for detailed instructions.**

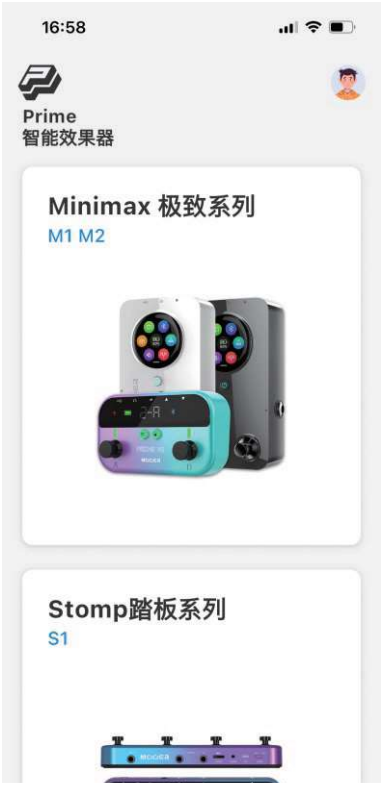
PRIME APP

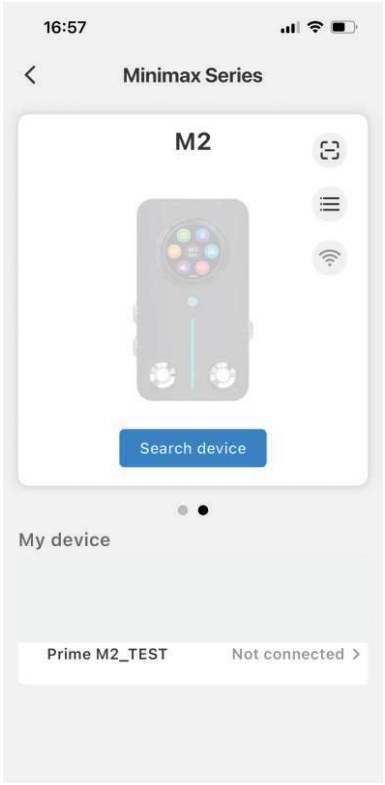
DOWNLOAD

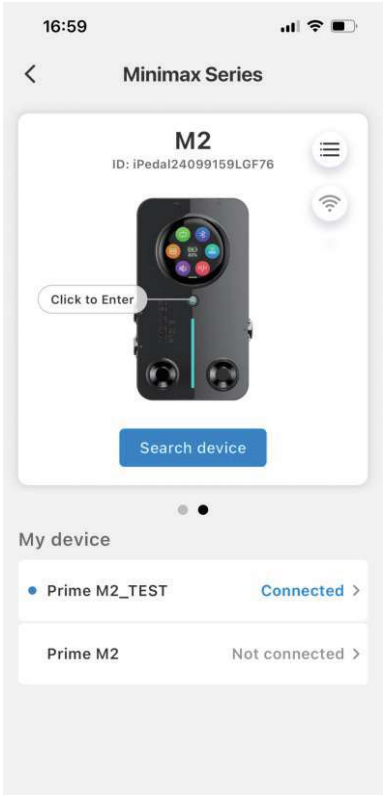
You can download the Prime APP from the App Store (iOS), Google Play Store (Android), App Store (Android), or the MOOER official website. Through the Prime APP, you can customize and edit M2's preset, download MNRS cabinet samples and other user-shared presets from the cloud, and perform various settings and operations on M2.

CONNECTION

After successfully downloading the Prime APP, turn on your phone's Bluetooth and open the Prime APP. On the APP's product hall page, scroll and select the Minimx Extreme Series, then choose M2 and click "Search for Devices." The name of your M2 device will appear below. Click on the device name to connect to M2. Once connected successfully, the APP will display a full-color image of M2. Note: The first time you use M2, during the connection process, the APP will prompt you to scan the QR code on the back of the M2 product for activation. After activation, you can view your M2 product's serial number in the APP and begin using the APP's editing and settings features. Click on the M2 product image in the APP to enter the usage page







EFFECT CHAIN PAGE – EFFECT SOUND EDITING

Preset Selection

Click  to select the desired preset tone.

Effect Module Addition

Click the "+"  to open the menu and add a new effects module.

Change Effect Tone

Click on an effect module in the effects chain, then click the effect tone name displayed in the area below the effects chain to open the menu and select a new effect tone.

Effect Module On/Off

Click on an effect module in the effects chain to select it, and click it again to toggle the on/off state. When turned off, the module's icon will appear faded.

Delete Effect Module

If you need to delete an effect module from the effect chain, simply swipe it upward to remove it.

Change The Effect Module Position

If you need to change the position of an effect module in the effects chain, simply press and hold the target effect module's image, wait for it to pop up, then drag it left or right to the desired position.

Parameters adjustment

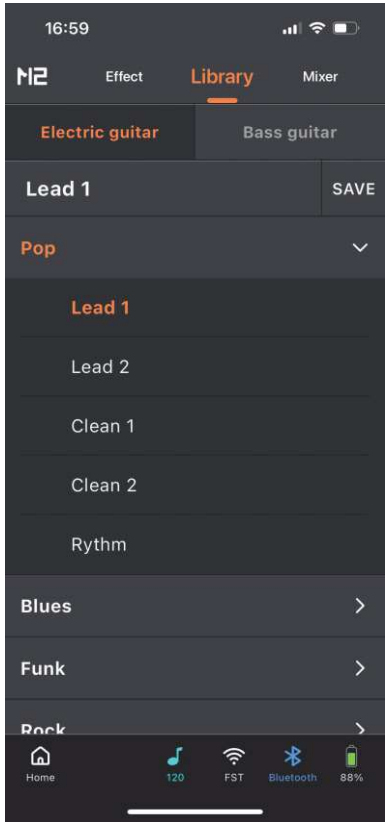
Click on the target effect module in the effects chain, and the area below will display the effect's name and parameters. Slide the parameter bar left or right to adjust the parameter. If you need to fine-tune the parameter, press and hold the target parameter bar until you feel a slight vibration, then continue holding and slide the bar left or right to adjust the parameter with the finest precision allowed.

Save

When you finish setting up, click the "Save" button next to the preset name. A save dialog will appear, where you can edit the preset name and choose the target preset location to complete the saving process.

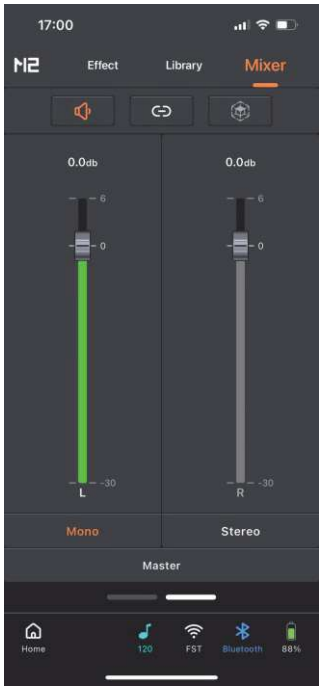
TONE LIBRARY

The tone library page provides commonly used quick tones for guitar and bass. You can directly save these tones as your preset sounds. Click to select guitar or bass, then choose a tone from the music style menu below to try it out. Click "Save" on the page, and a dialog will appear. In the dialog, you can edit the tone name and choose the target preset location to complete the saving process.



MIXER

In the mixer page, you can adjust the settings for M2's four channels: vocal, Bluetooth audio playback, USB (OTG) recording, and instrument, as well as the main output channel.
Channel Introduction: The vocal channel requires a 3.5mm TRRS headset with a microphone; the Bluetooth channel is an audio input channel, where the phone connects to "Prime M2 Audio" via Bluetooth to play audio through M2; the instrument channel is for instrument effect signal input (including recording loop and drum machine); the USB channel is for OTG recording mixed signal output; the master volume is the total output channel, which is the signal output through M2's stereo output and headphone output interfaces.



- **Mute**  :Clicking the icon allows you to set whether the current input channel is muted.

- **Stereo Pan**  :Clicking the icon allows you to set the stereo position of the current channel's total output. 

- **Gain:**Slide the gain bar up and down to set the gain level of the current channel.

- **Vocal Effects**  :You can set common vocal enhancement effects, as described in the **"Vocal Effects"** section.

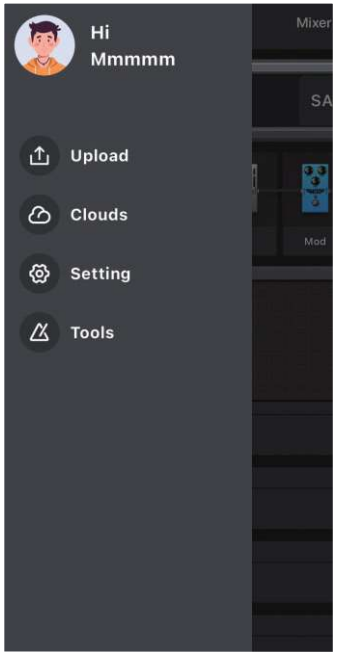
- **Mono/Stereo**  :Click to select the M2 output mode.

- **Sync Adjustment**  :When enabled, adjusting the master volume gain bar will simultaneously change both the left and right channel gain bars. When disabled, you can adjust the left and right gain bars independently.

- **Spatial Enhancement**  :When using stereo output, activating the spatial enhancement effect will alter the stereo soundstage, providing a more immersive spatial sound experience.

SIDEBAR MENU

Click the M2 logo in the top-left corner of the app page to expand the sidebar which includes Personal Account, Tone Upload, Tone Cloud, Settings, and Tools menus.

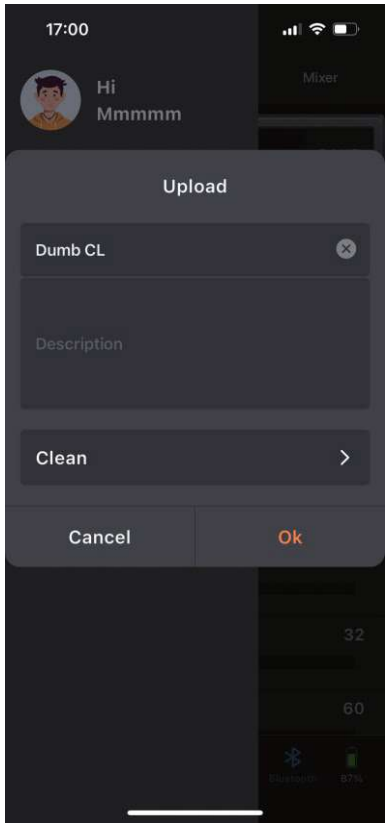


- **Personal Account**

If you are using the PRIME app for the first time, please register a MOOER account. As a registered user, after logging in, you can choose and download preset sounds shared by users worldwide; you can upload your own sounds and share them with other users; and you can download MNRS speaker sample files from the cloud to use in the M2 effect chain.

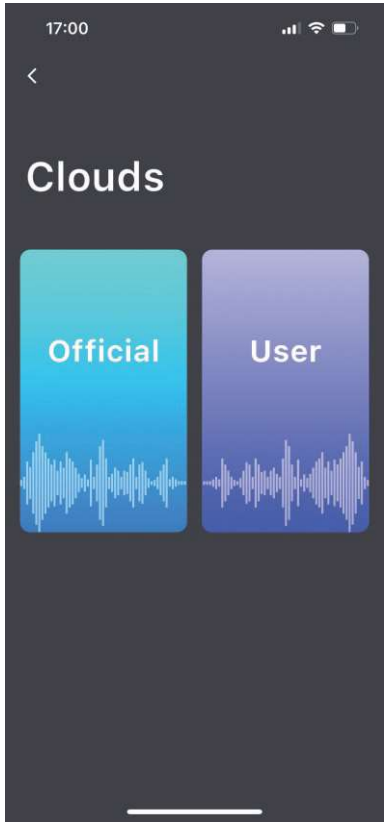
- **Uploading**

You can use this feature to upload the current preset to the cloud and share it with other users.

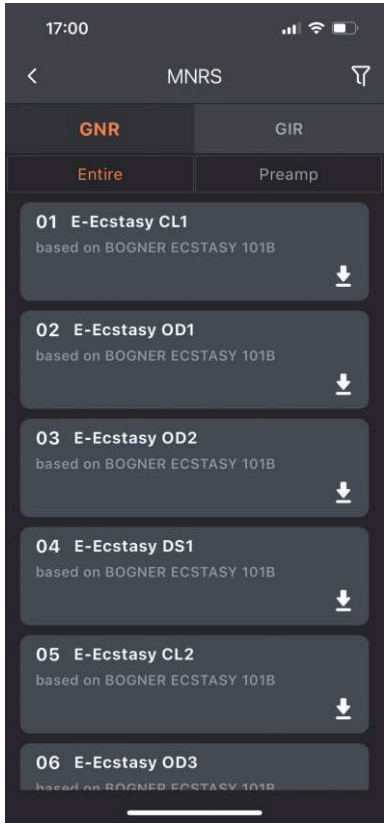


You can name the shared preset, add a description, and select the type of preset (this information will help other users better identify and choose your shared preset). Then click 'Finish' to upload, or click 'Cancel' to return without uploading.

- **Tone Cloud**

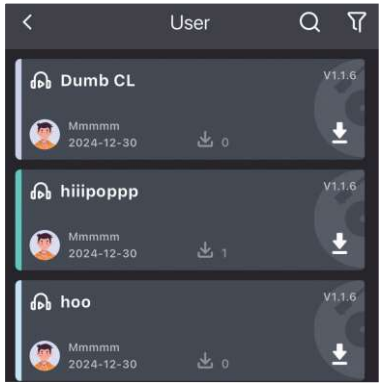


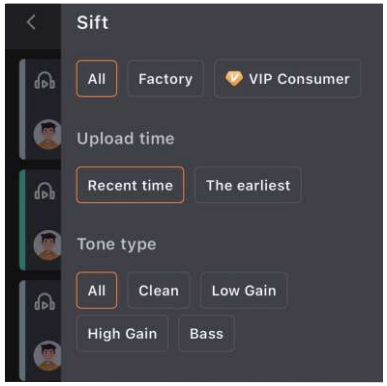
Official Area



You can use this feature to download MNRS cabinet samples from the official section. Click on the GNR file and select the Entire cabinet sample (including the cabinet speaker) or Preamp (amp stage) sample, and use the filter icon in the top-right corner  to select the amp prototype category.

User Area





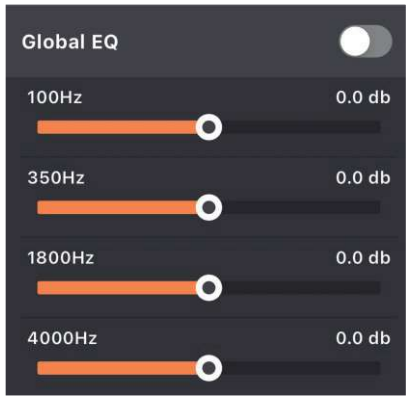
In the User Area, you can browse presets shared by other users. Click the headphone icon to audition a preset tone or the download icon to save the preset to your M2. You can use the search function in the upper-right corner to find specific tones or popular users. Additionally, the filter function in the upper-right corner provides categorized tags to help you locate the tones.

- **Settings**

  Cabinet Simulation

  The Cab Simulation Switch applies to all presets on the M2, enabling you to quickly adapt to different sound reinforcement scenarios without adjusting individual presets. For example, if your presets have the cabinet module enabled and you need to connect directly to a full-range PA system, simply keep the cab simulation switch turned on. In another scenario where you need to connect to a guitar amp, turn off the cab simulation switch in the settings and connect the M2's output to the amp's loop return interface. This prevents overlapping tonal effects from both the cab simulation and the guitar amp's cabinet sound, ensuring optimal audio quality.

Global EQ

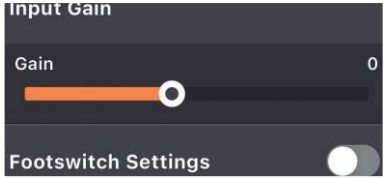


Global EQ applies EQ adjustments to the output of the M2, helping to minimize tonal changes caused by different sound reinforcement equipment.

Input Gain

You can adjust the gain according to the instrument or preamplifier connected to the M2 to ensure that the input signal operates within a normal range.

Footswitchs settings



You can configure the M2's built-in left and right footswitches to function as preset bank selectors, complementing the Mooer F4 wireless footswitch. When this setting is activated, the M2's footswitches will only be used for preset bank switching

Midi Settings

When using a third-party MIDI control pedal, configure the pedal-to-M2 MIDI functionality mapping in this setting.

Version

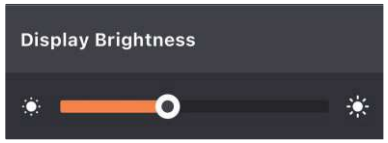
The system firmware version of the M2.

Factory reset

Restore factory settings. This operation will overwrite your current settings data.

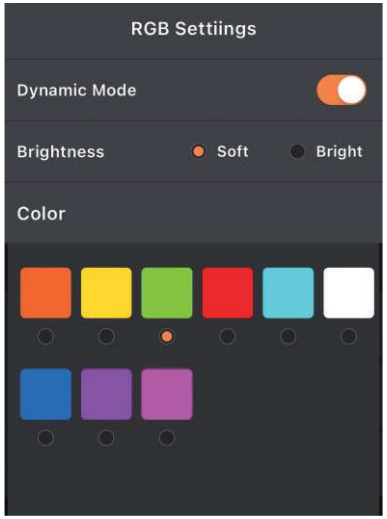
Screen Brightness

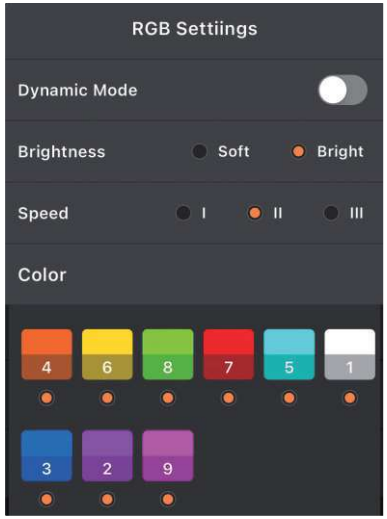
Set the screen brightness of M2.



RGB Settings

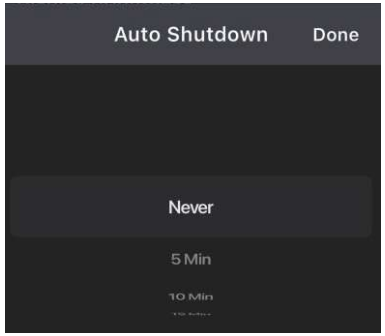
This setting determines the working mode of the M2 RGB lights: when dynamic mode is enabled, the RGB lights will change in length according to the strength of the input signal, when dynamic mode is turned off, the RGB lights will scroll with the selected speed and color. The brightness option adjusts the brightness of the RGB lights, the speed option adjusts the scrolling speed of the RGB lights when dynamic mode is off, and the color option sets the RGB light color. In dynamic mode, only one color can be selected; when dynamic mode is off, multiple colors can be selected.





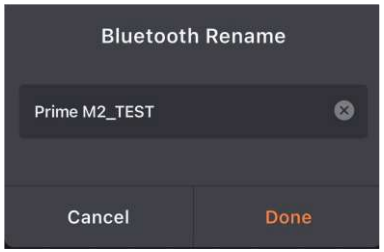
Auto shutdown

Set the automatic shutdown time for M2 after it stops being used. This setting helps save battery power and prevents accidental battery depletion due to oversight, ensuring your device remains ready for use when needed.



Bluetooth Rename

Reset the Bluetooth name of M2 to help you accurately identify your M2 during connection.



Tools

Drum Machine
The app operation page for the built-in drum machine in M2.

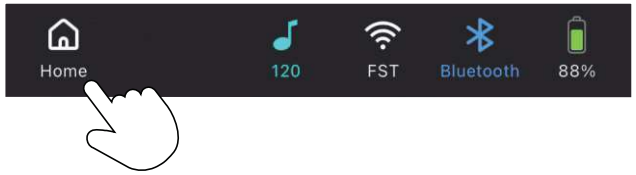
Tuner
The app operation page for the built-in tuner in M2. Here, you can set whether the tuner operates in silent mode or with audible tuning.

Looper
***Currently, the recording file naming does not support Chinese input.**
The app operation page for the built-in recording loop in M2. Click on the recording name field to enter the recording list. In the list, you can swipe left on a recording file to rename or delete it. You can also press and hold the target recording file to drag it up or down to adjust the order.

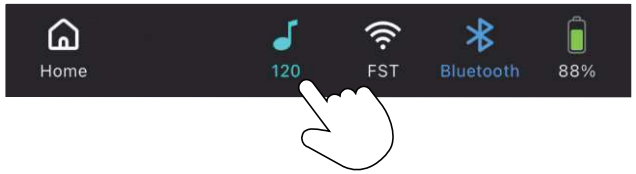
THE BOTTOM FUNCTION BAR

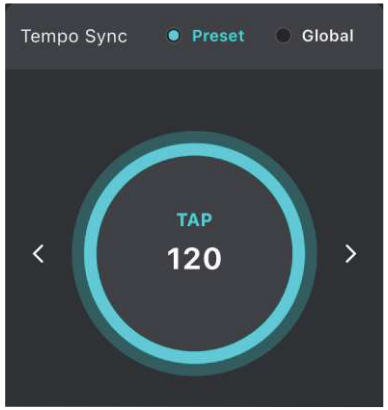
- **Home**

Click to return to the Prime APP product page.



- **Tap Tempo Icon**

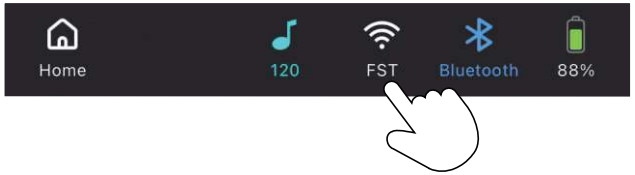




Click the icon to enter Tempo speed settings. You can choose the mode for Tempo Tap Tempo, either synchronizing the speed of preset effects (modulation and delay) or globally (preset effects and drum machine). You can set the speed by continuously tapping the circle area or use the left and right arrows for precise adjustments.

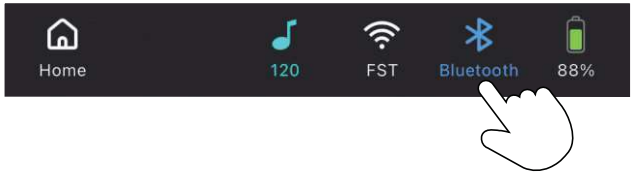
- **Wireless Pedal**

Click the wireless pedal icon to connect or disconnect the Mooer F4 wireless pedal.



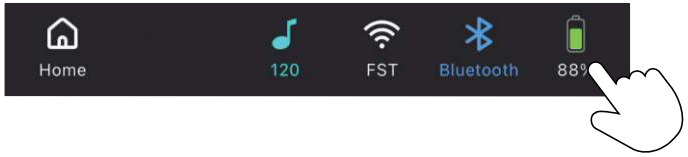
- **Bluetooth**

Click the Bluetooth icon to establish or disconnect the connection between the APP and M2.



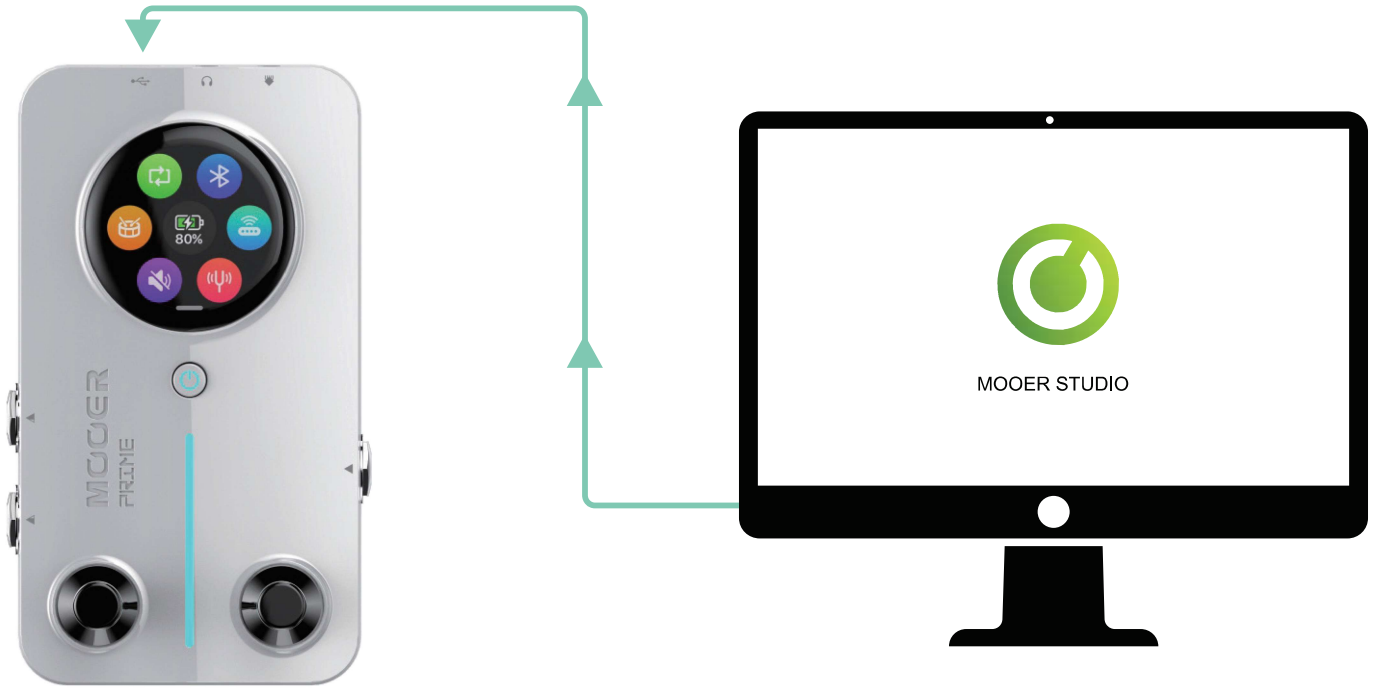
- **Battery**

The built-in battery charge indicator.



MOOER STUIDO

You can download the "MOOER Studio" management software from the MOOER official website's support page and install it on your personal computer or laptop. Use a USB-C to USB-A data cable to connect your M2 to the computer and open the MOOER Studio software.

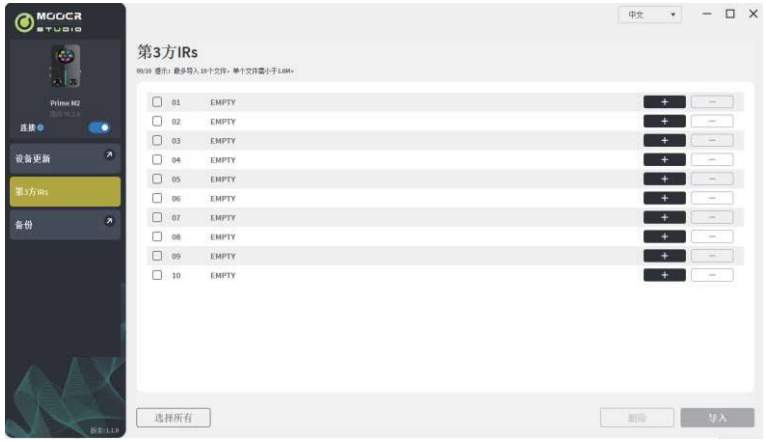


By using this software, you can perform the following operations:

- **Update the system firmware of the M2.**

- **Manage third-party IR files**

Click "+" to import IR files from your computer, and click "-" to delete IR files.



- Create a data backup of M2 on your computer. The backup file includes all presets.

M2 OVERDRIVE AND CABINET SAMPLING PROTOTYPE REFERENCE LIST

Overdrive Pedal Sampling		
Serial NO.	**Effect Name**	**References**
1	Pure Boost	Based on Xotic RC Booster
2	Flex Boost	Based on Xotic AC Booster
3	Tube DR	Based on BK.Butler Tube Driver Overdrive
4	808	Based on Ibanez TS 808 Overdrive
5	Gold Clon	Based on Klon Centaur Gold Overdrive
6	D-Drive	Based on Barber Direct Drive Overdrive
7	Jimmy OD	Based on Paul Cochrane Timmy OD Overdrive
8	Full DR	Based on Fulltone Fulldrive 2 Overdrive
9	Beebee Pre	Based on Xotic BB Preamp Overdrive
10	Beebee+	Based on Xotic BB Plus Overdrive
11	Black Rat	Based on Proco Rat Overdrive
12	Grey Faze	Based on Dunlop Fuzz Face Fuzz
13	Muffy	Based on EH Big Muff Fuzz

Overdrive Pedal Sampling		
Serial NO.	**Effect Name**	**References**
14	Full DS	Based on Fulltone GT500 Distortion
15	Shred	Based on Marshall Shred Master Distortion
16	Riet	Based on Suhr Riot Distortion
17	MTL Zone	Based on Boss Netal Zone Distortion
18	MTL Master	Based on Digital Metal Master Distortion
19	Obsessive Dist	Based on Fulltone OCD Distortion
20	Rumble Drive	Based on MOOER Rumble Drive
21	Solo	Based on MOOER Solo
22	Blues Mood	Based on MOOER "Blues Mood
23	Blues Crab	Based on MOOER "Blues Crab
24	Blade	Based on MOOER "Blade
25	TS9 Boost	Based on TS9 Boost
26	ROD881	Based on Maxon ROD88loverdrive
27	Tethys 21	Based on Tech 21 Bass Preamp
28	TS Drive	Based on TS 808 Overdrive
29	Blackglass X8	Based on Darkglass X7 Preamp simulation

Preamp Sampling		
Serial NO.	**Effect Name**	**References**
1	65 US DLX	Based on Fender65 Deluxe Reverb Preamp
2	65 US TW	Based on Fender65 Twin Reverb Preamp
3	59 US Bass	Based on Fender59 Bassman Preamp
4	US Sonic	Based on Fender Super Sonic Preamp
5	US Blues CL	Based on Fender Blues Deluxe Preamp Clean Channel
6	US Blues OD	Based on Fender Blues Deluxe Preamp Overdrive Channel
7	E650 CL	Based on Engl E650 Preamp Clean Channel
8	Powerbell CL	Based on Engl E645 Preamp Clean Channel
9	Blacknight CL	Based on Engl E650 Blackmore Signature Preamp Clean Channel
10	Mark III CL	Based on Mesa Boogie Mark III Preamp Clean Channel
11	Mark V CL	Based on Mesa Boogie Mark V Preamp Clean Channel
12	Tri Rec CL	Based on Mesa Boogie Triple Rectifier Preamp Clean Channel
13	Rockvrb CL	Based on Orange Rockverb Preamp Clean Channel
14	Dr Zee 18 JR	Based on Dr.Z Maz18 Jr Preamp
15	Dr Zee Reck	Based on Dr.Z Z-Wreck Preamp
16	Jet 100H CL	Based on Jet City JCA100H Preamp Clean Channel

Preamp Sampling		
Serial NO.	**Effect Name**	**References**
17	Jazz 120	Based on Roland JC120 Preamp
18	UK 30 CL	Based on Vox AC30 Preamp Clean Channel
19	UK 30 OD	Based on Vox AC30 Preamp Overdrive Channel
20	HWT 103	Based on Hiwatt DR-103 Preamp
21	PV5050 CL	Based on Peavey 5150 Preamp Clean Channel
22	Regal Tone CL	Based on Tone King Falcon Preamp Rhythm Channel
23	Regal Tone OD1	Based on Tone King Falcon Preamp Tweed Channel
24	Carol CL	Based on Two Rock Coral Preamp Clean Channel
25	Cardeff	Based on Two Rock Cardiff Preamp
26	EV 5050 CL	Based on EVH 5150 Preamp Clean Channel
27	HT Club CL	Based on Blackstar HT Stage100 Preamp Clean Channel
28	Hugen CL	Based on Diezel Hagen Preamp Clean Channel
29	Koche OD	Based on Koch Powertone Preamp Overdrive Channel
30	J800	Based on Marshall JCM800 Preamp
31	J900	Based on Marshall JCM900 Preamp
32	PLX 100	Based on Marshall Plexi 100 Preamp

Preamp Sampling		
Serial NO.	**Effect Name**	**References**
33	E650 DS	Based on Engl E650 Preamp Distortion Channel
34	Powerbell DS	Based on Engl E645 Preamp Distortion Channel
35	Blacknight DS	Based on Engl 650 Blackmore Signature Preamp Distortion Channel
36	Mark III DS	Based on Mesa Boogie Mark III Preamp Distortion Channel
37	Mark V DS	Based on Mesa Boogie Mark V Preamp Distortion Channel
38	Tri Rec DS	Based on Mesa Boogie Triple Rectifier Preamp Distortion Channel
39	Rockvrb DS	Based on Orange Rockverb Preamp Distortion Channel
40	Citrus 30	Based on Orange AD30 Preamp Distortion Channel
41	Citrus 50	Based on Orange AD50 Preamp
42	Slow 100 CR	Based on Soldano SLO 100 Preamp Crunch Channel
43	Slow 100 DS	Based on Soldano SLO100 Preamp Distortion Channel
44	Jet 100H OD	Based on Jet City JCA100 H Preamp Distortion Channel
45	PV 5050 DS	Based on Peavey 5150 Preamp Distortion Channel
46	Regal Tone OD2	Based on Tone King Falcon Preamp Lead Channel
47	Carol OD	Based on Two Rock Coral Preamp Distortion Channel
48	EV 5050 DS	Based on EVH 5150 Preamp Distortion Channel

Preamp Sampling		
Serial NO.	**Effect Name**	**References**
49	HT Club DS	Based on Blackstar HT Stage 100 Preamp Distortion Channel
50	Hugen OD	Based on Diezel Hagen channel preamp simulation
51	Hugen DS	Based on Diezel Hagen channel preamp simulation
52	Koche DS	Based on Koch Powertone channel preamp simulation
53	AMPOG 20D	Based on Ampeg 20D channel preamp simulation
54	AMPOG B18 CL	Based on Ampeg B18 CL channel preamp simulation
55	AMPOG SVT 4	Based on Ampeg SVT channel preamp simulation
56	AMPOG SVT VALVE	Based on Ampeg SVT channel preamp simulation
57	MVRKBASS 500	Based on Markbass preamp simulation
58	MVRKBASS 501	Based on Markbass preamp simulation
59	AKUILIA 750 CL	Based on Aguilar DB751的Low Gain channel preamp simulation
60	AKUILIA 750 DS	Based on Aguilar DB751的High Gain channel preamp simulation
61	AKUILIA 751	Based on Aguilar DB751 OD channel preamp simulation
62	BASSER CRUNCH	Based on Dark Glass B7K bass preamp simulation

Cabinet Sampling		
Serial NO.	**Effect Name**	**References**
1	Regal Tone 110	Based on Tone King Falcon 110 cabinet
2	US DLX 112	Based on Fender Deluxe Reverb 112 cabinet
3	Sonic 112	Based on Fender Super Sonic 112 cabinet
4	Blues 112	Based on Fender Blues Deluxe 112 cabinet
5	Mark 112	Based on Mesa Boogie Mark 112 cabinet
6	Dr Zee 112	Based on Dr Z Maz 112 cabinet
7	Cardeff 112	Based on Two Rock 112 cabinet
8	US TW 212	Based on Fender Twin Reverb 212 cabinet
9	Citrus 212	Based on Orange PC 212 cabinet
10	Dr Zee 212	Based on Dr Z Z-Wreck212 cabinet
11	Jazz 212	Based on Roland JC120 212 cabinet
12	UK 212	Based on Vox AC30 212 cabinet
13	Tow Stones 212	Based on Two Rock 212 cabinet
14	US Bass 410	Based on Fender Bassman 410 cabinet
15	1960 412	Based on Marshall 1960 A 412 cabinet
16	Eagle P412	Based on Engl Pro XXL 412 cabinet

Cabinet Sampling		
Serial NO.	**Effect Name**	**References**
17	Eagle S412	Based on Engl Vintage XXL 412 cabinet
18	Rec 412	Based on Mesa Boogie Rectifier 412 cabinet
19	Citrus 412	Based on Orange PC 412 cabinet
20	Slow 412	Based on Soldano SLO 412 cabinet
21	HWT 412	Based on Hiwatt AP 412 cabinet
22	PV 5050 412	Based on Peavey 5150 412 cabinet
23	EV 5050 412	Based on EVH 5150 412 cabinet
24	HT 412	Based on Blackstar HTV 412 cabinet
25	Diesel 412	Based on Diezel Hagen 412 cabinet
26	CT-SupBMK112	Based on Supro Black Magick 1x12 cabinet
27	CT-FendS212	Based on Fender Super Sonic 2x12 cabinet
28	CT-FendTW212	Based on Fender Twin Reverb '65 Reissue 2x12 cabinet
29	CT-Fend67212	Based on Fender 1967 Bassman 2x12 cabinet
30	CT-BritJV212	Based on Masrhall JVM 2x12 cabinet
31	CT-Brit412	Based on Marshall 1960 4x12 cabinet
32	CT-BritJ412	Based on Marshall 1982 4x12 cabinet

Cabinet Sampling		
Serial NO.	**Effect Name**	**References**
33	CT-Bogie212	Based on Mesa Boogie 2x12 cabinet
34	CT-BogieLS212	Based on Mesa Boogie Lonestar 2x12 cabinet
35	CT-BogOS412	Based on Mesa Boogie OS 4x12 cabinet
36	CT-Vocs212	Based on Vox BNX 2x12 cabinet
37	CT-Barb212	Based on Mezzabarba 2x12 cabinet
38	CT-Fram212	Based on Framus CB 2x12 cabinet
39	CT-Kox212	Based on Koch Multitone 2x12 cabinet
40	CT-Mgan212	Based on Morgan Vertical 2x12 cabinet
41	CT-Edd412	Based on EVH 5150III 4x12 cabinet
42	CT-Fried412	Based on Friedman 4x12 cabinet
43	CT-Gas412	Based on Diezel 4x12 cabinet
44	CT-Hess212	Based on Hesu Modern 2x12 cabinet
45	CT-Hess412	Based on Hesu 4x12 cabinet
46	CT-HW412	Based on Hiwatt 4x12 cabinet
47	CT-HK412	Based on Hughes&Kettner Triamp cabinet
48	CT-OR412	Based on Orange PPC412 4x12 cabinet

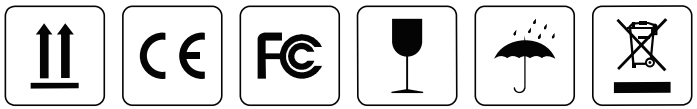
Cabinet Sampling		
Serial NO.	**Effect Name**	**References**
49	CT-PvyIn212	Based on Peavey Invective 2x12 cabinet
50	CT-Pvy50412	Based on Peavey 5150 4x12 cabinet
51	CT-Revo412	Based on Revv 4x12 cabinet
52	CT-River412	Based on Rivera 4x12 cabinet
53	CT-Sold412	Based on Soldano 4x12 cabinet
54	CT-VTH412	Based on VHT 4x12 cabinet
55	CT-Win412	Based on Victory 4x12 cabinet
56	SV810 U47	Based on Ampeg SVT-810E and Neumann U47 cabinet simulation
57	SV810 121	Based on Ampeg SVT-810E and Shure SM7B cabinet simulation
58	SV810 7B	Based on Ampeg SVT-810E and Royer R-121 cabinet simulation
59	HK U47	Based on Hartke 45XL and Neumann U47 cabinet simulation
60	HK 7B	Based on Hartke 45XL and Shure SM7B cabinet simulation
61	HK 121	Based on Hartke 45XL and Royer R-121 cabinet simulation
62	HK 421	Based on Hartke 45XL and Sennheiser MD421 cabinet simulation
63	Akuila U47	Based on Aguilar Db115 and Neumann U47 cabinet simulation
64	Akuila 7B	Based on Aguilar Db115 and Shure SM7B cabinet simulation

Cabinet Sampling		
Serial NO.	**Effect Name**	**References**
65	Akuila 121	Based on Aguilar DB115和Royer R-121 cabinet simulation

*** In the cabinet sampling menu, files with the prefix "CT" are custom IR sampling files provided by Choptone.**

SPECIFICATIONS

Product Name:	Prime M2
Product Series:	Minimax Extreme Series
Sampling Rate:	44.1kHz
Sampling Bit Depth:	24 Bit
Display:	1.28-inch touchscreen
Input:	TS 6.35mm 2MΩ
Stereo Output (L/R):	TS 6.35mm 100Ω x 2
MIDI Port:	3.5mm
Headphone Output:	3.5mm 32Ω
USB:	USBC, for charging or recording
Bluetooth:	5.0
Wireless Control:	2.4G
Battery:	3000mAh
Battery Life:	6 hours
Charging Time:	3 hours
Charging Standard:	DC 5V/2A
Weight:	228g
Dimensions:	74 * 125 * 49mm (L * W * H)
Accessories:	Quick Guide, USB Cable,Midi Cable



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