MOOER

F15i Li

INTELLIGENT AMP

Owner's Manual

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PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

Power Supply

Please connect the DC POWER Supply to an AC outlet of the correct voltage. Please be sure to use only an AC adapter that supplies 5V DC, center negative, 2A current draw. Unplug the AC power adapter when not in use or during electrical storms.

Connections

Always turn off the power of the amplifier and other devices before setting up the connection to avoid malfunction and unexpected damage. In addition, before you move the amplifier, please ensure the amplifier is powered off, and disconnect it from the other device. Please power off the amplifier, and unplug the power supply, if the amplifier is idle for a long time. Please do not use the amplifier during an electrical storm, power off the device and unplug the power cord from the socket.

Location

- To avoid deformation, discoloration, or other serious damage, do not expose this unit to the following conditions:
- Direct sunlight
- Excessive dusty or dirty location
- High humidity or moisture
- Extreme temperature or humidity
- Magnetic fields
- Strong vibrations or shocks

Cleaning

Clean only with a soft, dry cloth. If necessary, slightly moisten the cloth. Do not use abrasive cleaners, cleaning alcohol, paint thinners, wax, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

Operation

- Please do not toggle the switch, rotate the knob heavily.
- Please do not let the paper scrap, metal debris, or other sundries falls inside the unit.
- Please do not let the unit fall from a high level, push, or strike the unit heavily.
- Please do not modify the unit without authorization.
- For repairing service, please contact the MOOER support team for more information.

PRODUCT FEATURES

- Future Series Desktop Speaker, equipped with the MOOER iAMP effect system.
- 15W stereo amplifier with 2 x 2-inch speakers.
- 1.28 inch circular touchscreen for clear status display and convenient function control.
- 2 line output interfaces for connecting to external amplification equipment.
- Headphone interface for silent practice.
- 55 speaker simulations based on MNRS reverse modeling technology, and 69 effect types.
- 60 drum machine rhythm patterns and 10 metronome types.
- 60-second loop phrase, supports synchronization with drum machines.
- Built-in tuner to maintain instrument tuning at all times.
- Built-in rechargeable battery, allowing freedom from power restrictions.
- Dedicated iAMP APP supports in-depth effect editing, firmware updates, and cloud-based tone upload/download.
- Supports MOOER F4 wireless footswitch for extended control.
- High-fidelity Bluetooth 5.0 audio input, can be used as a Bluetooth speaker or for practicing with accompaniment.
- USB-C REC (OTG) interface supports high-quality audio recording and playback.

PANEL OVERVIEW





01 **Power Button**

The backlit power button enables device power-on/off via long press.

02 **TOOLS Button**

Press to enter or exit the Tools interface.

03 **TAP Button**

The button can be pressed to set the tempo. It will flash with the current BPM value.

04 **TUNER Button**

Press to enter or exit the tuner interface.

05 **PRESET Button**

Press to enter the preset list or switch between the four presets of the same group.

06 **Screen**

Displays all the operation information of the device.

07 **VALUE Encoder**

Use the encoder to switch presets, adjust drum machine parameters, and more.

08 **MASTER Knob**

Rotate the knob to adjust the volume.

09 **3.5mm Headphone Output**

Insert headphones for audio output. Inserting here will mute the device's speakers.

10 **Ambient Light**

Multi-color ambient light displays parameter adjustment values in a progress bar form while adjusting the volume.

11 **6.35mm Instrument Input**

Connect to a guitar or other instruments.

12 **6.35mm Output**

Connect to an external monitor speaker or a mixing console.

13 **USB Interface**

Used for charging the device or for OTG digital audio recording and playback from mobile smart devices.

Note: This interface is for recording on mobile devices and cannot fully replace the low-latency audio interface functions in professional DAW software. To use it with a Windows DAW, third-party ASIO drivers are required, and driver compatibility issues may arise.

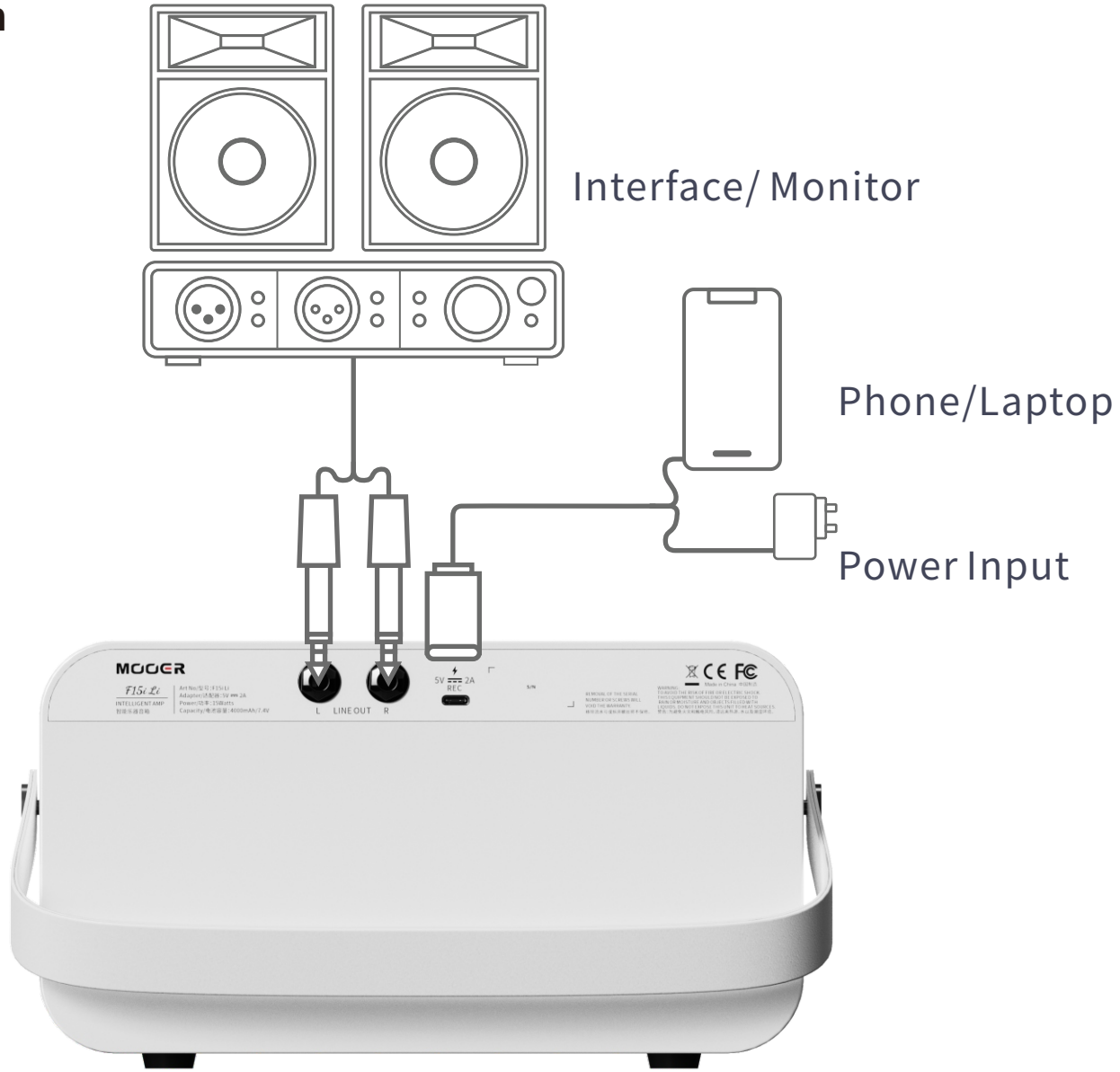
DEVICE CONNECTION

Front Panel Interface Illustration

Note: When headphones are connected, the built-in speakers will be muted.



Rear Interface Diagram



QUICK START GUIDE

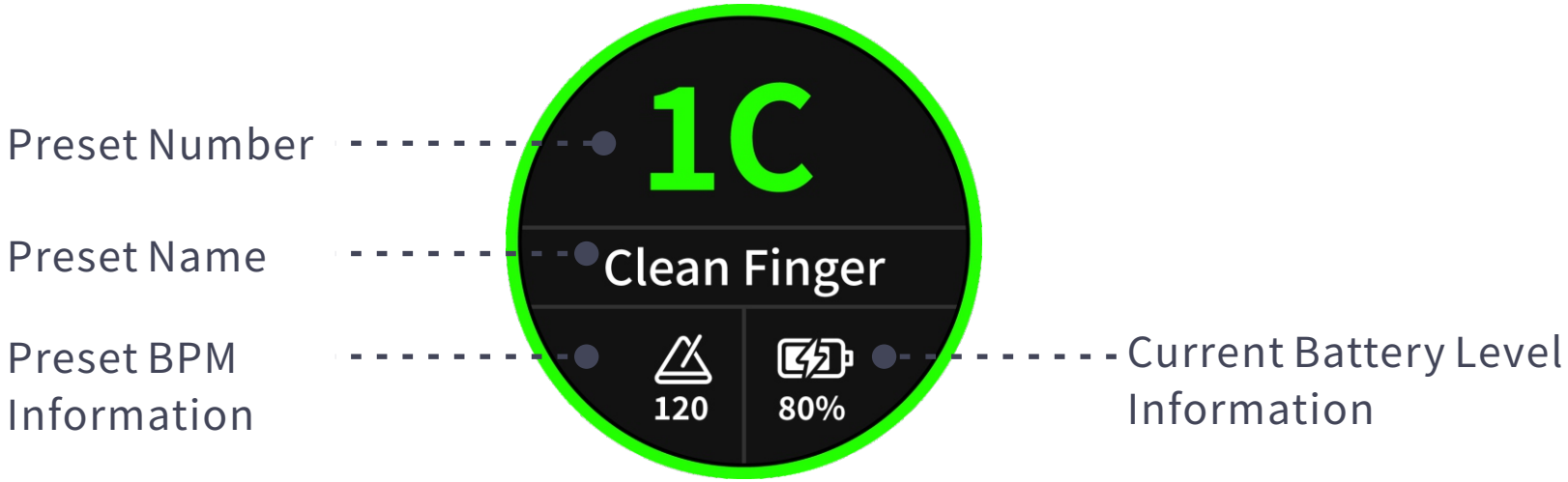
POWER ON

To prevent sudden volume spikes that may damage the device, it is recommended to turn the MASTER knob to the lowest setting before powering on the device by pressing and holding the power button.

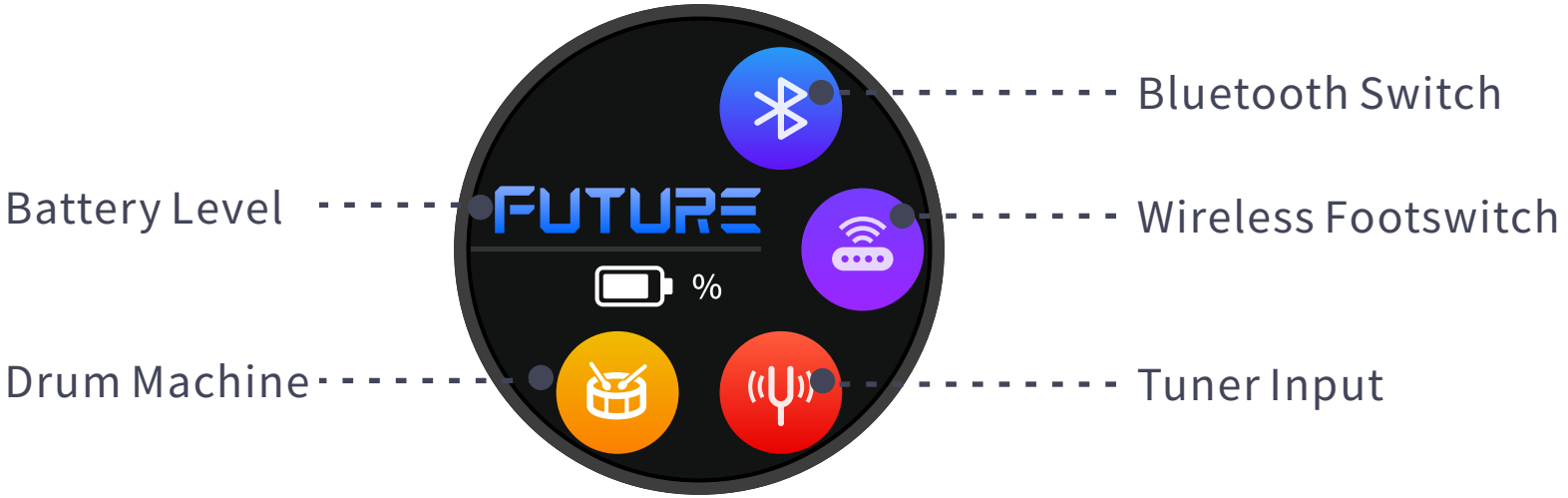
To avoid power noise and potential short-circuit issues, please use a power adapter that meets the required specifications! (5V 2A)

THE INTERFACE

Preset Main Interface



Tools Interface



Drum Machine Interface



Tuner Interface



Lyrics Display Interface

In the app, find the "Lyrics Display" option in the global settings and turn on this switch. After playing music and no operation for 3 seconds, the F15i Li will enter the lyrics display interface. In this interface, you can view the current song's lyrics, creator, song duration, and other information in real-time. You can also perform actions such as pause/play, previous track/next track, and more.



PANEL BUTTONS AND KNOBS DESCRIPTION

Power Button

Press and hold this button to power the device on or off. When powering off, a confirmation screen will appear on the device. Click "Yes" to turn off the device. (A short press will bring up the shutdown confirmation screen, and after holding for 3 seconds, the device will automatically shut down.)



Shutdown Confirmation Interface

TOOLS Button

Pressing this button in any interface will enter the TOOLS tool interface. Pressing it again will exit the tools interface and return to the Preset Main Interface.



Tools Interface

TAP Button

In all interfaces, except for the drum machine and tuner interfaces, the TAP button will flash red to represent the BPM information. It will convert the BPM to a Time value in quarter-note increments and be linked to the delay module. In the drum machine interface, the TAP button will flash blue to represent the BPM. By pressing this button in a tapping rhythm, you can change the BPM of the drum machine.

TUNER Button

Pressing this button in any interface will enter the TUNER (tuner) interface. Pressing it again will exit the tuner interface and return to the Preset Main Interface.



TUNER INTERFACE

PRESET Button

- Pressing this button in any interface will return you to the Preset Main Interface. This button acts as a "HOME" button.
- In the Preset Interface, pressing this button will cycle through the four presets in the same group. The button's light will flash in different colors (blue, yellow, green, purple) to represent the A, B, C, and D presets of the group.
- When a preset parameter is changed, the button's light will flash red to indicate that the preset information has been modified. A long press of the button will save the changes.



Preset Main Interface

VALUE Encoder

Using this encoder, you can perform operations such as switching presets, switching drum machine types, etc. When a parameter is selected on the screen, you can use this encoder to change the parameter.

MASTER Knob

This knob adjusts the main output volume of the device. When turning this knob, the device will briefly display the current adjusted volume value, and the ambient light bar will also show the current adjustment value in the form of a progress bar.



Temporary Display Interface When Adjusting Main Volume

FUNCTION OPERATION

The content above roughly introduces some of the hardware and simple connection scenarios of the device. The following will introduce how to make the most of the F15i Li and begin your exclusive musical journey.

PRESET SWITCHING

The F15i Li features 20 preset groups, with 4 preset tones in each group, offering a total of 80 presets. There are different ways to switch presets on the F15i Li:

Method 1:

In the preset main interface, rotate the Value encoder to quickly switch between presets.

Method 2:

Press the "PRESET" button on the panel to switch between the four presets within the same group.

Method 3:

When connected to and using the MagicEar MOOER F4 wireless footswitch, you can control preset switching using the footswitch. Press A, B, C, or D to switch between the four presets within the group. Press both A & B to go up one group (increment), and both C & D to go down one group (decrement).

Method 4:

Open the iAmp app on your phone, connect it to the F15i Li, and access the interface. Click the preset dropdown menu to view and switch presets.

BLUETOOTH FUNCTION

In the TOOLS tool interface, click the Bluetooth icon to toggle the Bluetooth function on and off for the F15i Li.



After turning on the Bluetooth switch on the F15i Li, you can search for "F15i Li" in the Bluetooth search list on your phone. Once connected, you can use the F15i Li as a Bluetooth speaker to play backing tracks from your phone.
At the same time, when the Bluetooth switch is enabled, you can also use the iAmp app to connect to the F15i Li for fine-tuning adjustments.

WIRELESS FOOTSWITCH SWITCH

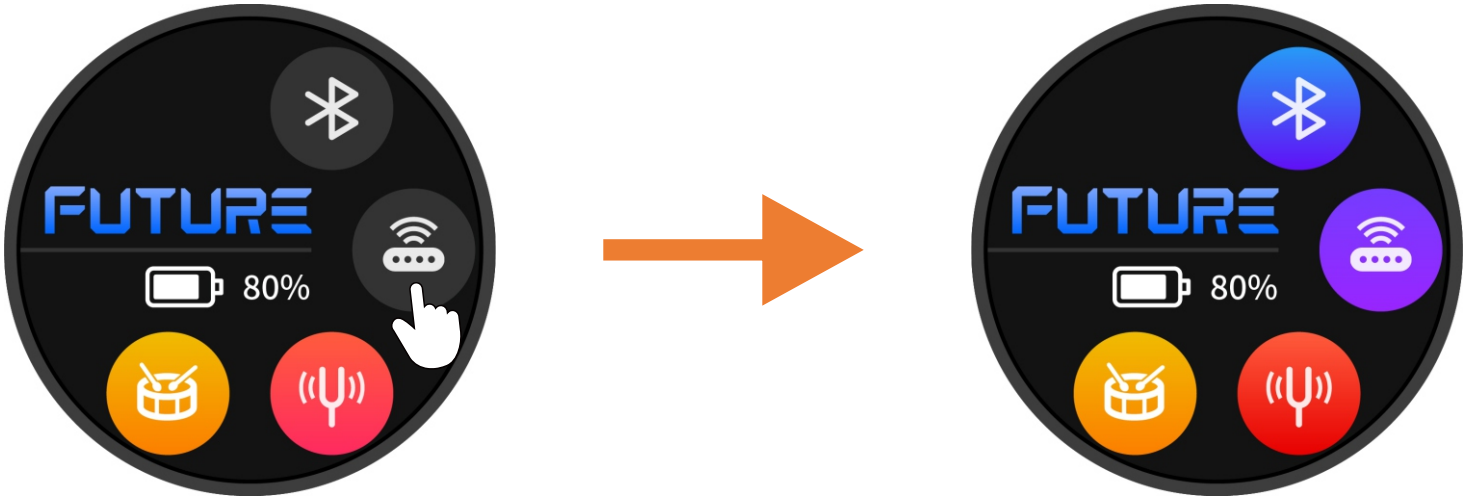
The F15i Li supports the MOOER F4 wireless footswitch (sold separately). This footswitch can be used to control preset switching, drum machine, loop recording, and provides Tap Tempo functionality.

For battery specifications and charging requirements, please refer to the F4 footswitch manual.

The F15i Li can only connect to one wireless footswitch at a time.

WIRELESS FOOTSWITCH PAIRING

In the TOOLS interface, click the wireless footswitch icon, and the F15i Li will enter wireless footswitch pairing mode. The icon will dynamically show increasing signal strength during the connection process. At this point, long-press the A+C footswitches on the MOOER F4 wireless footswitch to enter pairing mode. When the icon turns purple, pairing is successful. If the icon turns gray again, pairing has failed, and you will need to retry pairing.



Wireless pedal pairing successful

In the iAmp APP, click the wireless icon in the bottom operation bar of the main interface to enter the wireless footswitch pairing mode for the F15i Li.

After the initial pairing, the footswitch can be used to control the F15i Li even when the iAmp app is inactive or disconnected.

Preset Switching

The footswitch always indicates the selected preset, whether chosen via the F15i Li touchscreen, the preset selection list in the iAmp app, or the A/B/C/D buttons on the footswitch.

Press the A/B/C/D buttons to switch between four presets in the current group.

The current preset is indicated by the corresponding LED above the footswitch button and displayed on the footswitch screen:

- The number represents the group.
- The letter represents the preset within the group (e.g., "3d").
- For better readability: A and C are uppercase; b and d are lowercase.
- Groups 10–19 are indicated by a dot after the number (e.g., "0.d" = 10D, "9.A" = 19A).

Group Switching

- Press A+B simultaneously to scroll down preset groups.
- Press C+D simultaneously to scroll up preset groups.

After selecting a group, the preset indicator on the footswitch screen flashes, but the preset is not yet activated.

- Press one of the four footswitch buttons (A/B/C/D) to select a preset in the chosen group. Only then will the preset be activated, and the flashing indicator will stop.

Tap Tempo

- If the delay effect is enabled in the current preset, you can tap the corresponding footswitch button to activate Tap Tempo mode and control the delay time.

Note

- Tap Tempo mode is indicated by a dot after the letter/number on the footswitch screen (e.g., "3.C.").
- Adjust the tempo while the dot is displayed. If no input is detected for 2.5 seconds, Tap Tempo mode will exit, the dot will disappear, and the footswitch will return to preset switching mode.

- Repeatedly tap the footswitch button at your desired tempo to adjust the delay time directly. The tempo must stay within the effect’ s min/max delay time range.
- The footswitch LED will briefly flash to confirm tempo input.

Tuner

- Press and hold any footswitch to enter Tuner mode.

Note

- If the iAmp app is active and connected, it will also enter Tuner mode. However, you can use the footswitch to tune even without the app.
- The left section of the footswitch screen displays the closest note, while the right section shows the pitch. Semitones are indicated using “#” (e.g., “A。0”).
- If the string is in tune, the right section remains still. If the pitch is flat, it will rotate counterclockwise; if sharp, it will rotate clockwise.
- Press any footswitch briefly to exit Tuner mode and return to Preset Switch mode.

Note

Users can enable or disable silent tuning in the iAmp app.

Drum Machine and Looper Control

The F15i Li features a built-in 60-second looper and includes 60 common drum machine rhythm patterns along with 10 types of metronome beats. The looper and drum machine can operate simultaneously.

Enable/Disable Drum Machine and Looper Mode

- In Preset Switch Mode, press and hold footswitches B and C simultaneously to enter Drum Machine and Looper Mode.
- Press and hold footswitches B and C again to return to Preset Mode.

Looper Control

In Drum Machine and Looper Mode, footswitches A and B are used for looper control:

A: Record / Play / Overdub

Press A to start recording. Press A again to play the recorded track. Press A once more to begin overdubbing onto the first track, and so on.

During recording/overdubbing, the A LED will flash. During playback, the LED will stay lit.

B: Stop / Hold to Clear

When recording or playback is stopped, the B LED will remain lit. Once the track is cleared, the LED will turn off.

Drum Machine Control

In Drum Machine and Looper Mode, footswitches C and D are used to control the drum machine.

C: Tap Tempo

Use the Tap Tempo function to adjust the drum machine’ s BPM (beats per minute): tap footswitch C three times in succession to set the desired tempo.

The C LED will flash to indicate the selected tempo. The BPM value will also be displayed on the drum machine screen within the iAmp app.

D: Play / Stop

Starts or stops the drum machine playback.

Rhythm Selection

Press and hold footswitch C to enter Rhythm Selection Mode.

The screen will display the currently selected rhythm number, and both the C and D LEDs will flash.

Press footswitch C or D to scroll up or down through the available rhythms.

For rhythm names and numbers, refer to the iAmp app.

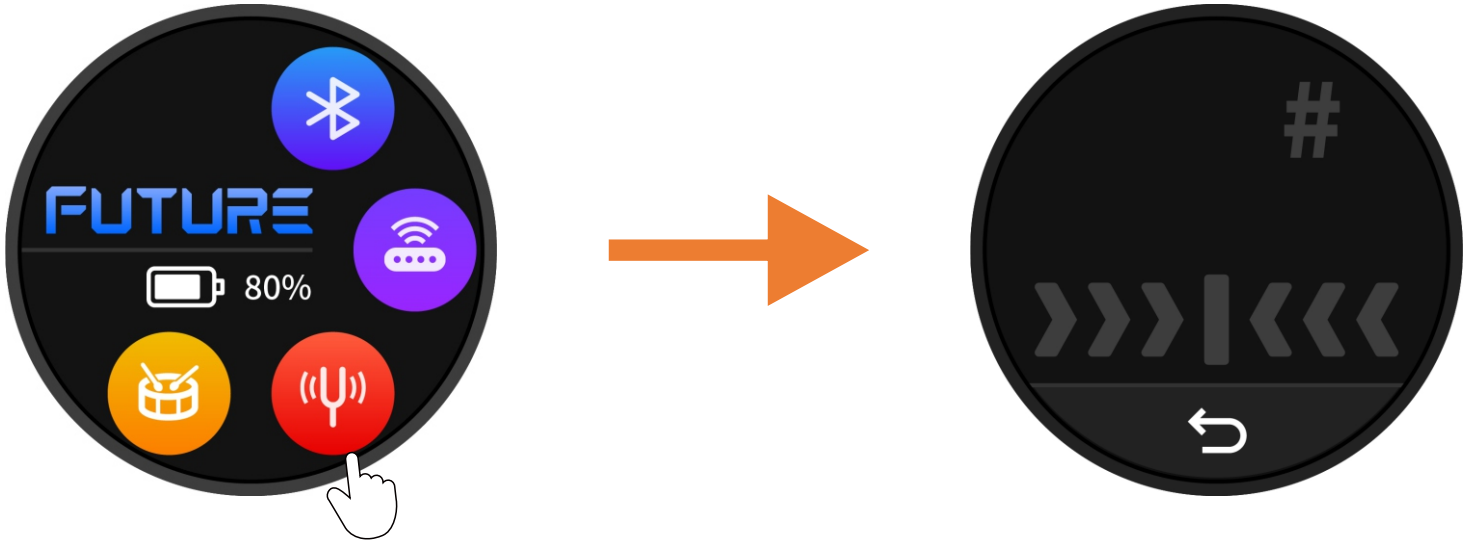
If no input is detected for several seconds, Rhythm Selection Mode will automatically exit.

TUNER FUNCTION

After entering the TOOLS interface, click the tuner icon on the screen or press the TUNER button on the panel to enter the tuner interface.

Additionally, when paired with the F4 wireless footswitch, you can also enter the tuner interface by long-pressing the current preset footswitch.

We provide a reference pitch range from 430Hz to 445Hz, with the default pitch being A=440Hz. (To change the reference pitch, please use the iAmp APP. Detailed steps will be shown below.)



After entering the TUNER interface, the function operations are as follows

- Click the return icon to exit the TUNER interface and return to the TOOLS interface.
- When the pitch is correct, the pitch information bar will fully turn green, and the pitch letter will also turn green.



When the pitch is slightly off, the pitch information bar will be displayed in yellow.



When the pitch is significantly off, the pitch information bar will be displayed in orange.

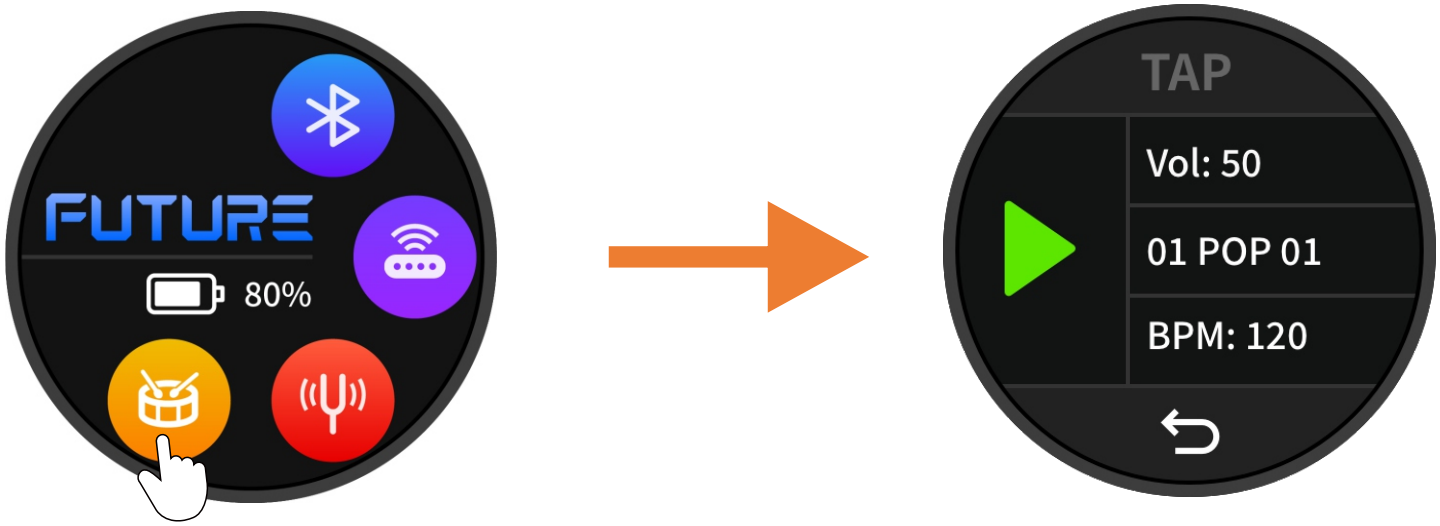


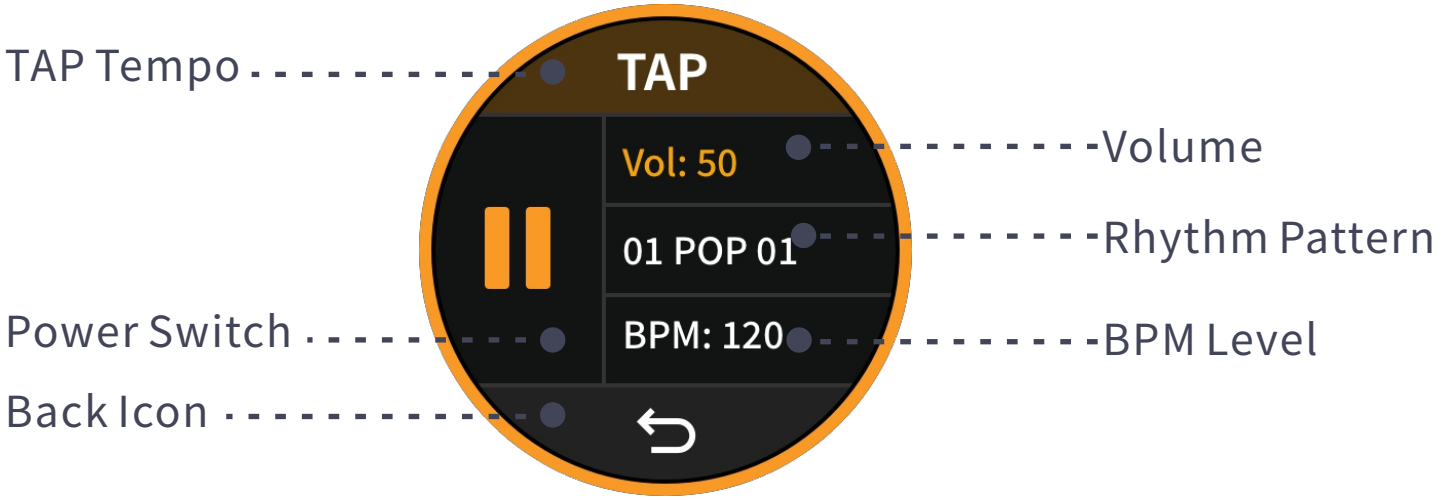
When the pitch is severely off, the pitch information bar will be displayed in red.



DRUM MACHINE FUNCTION

In the F15i Li, we have prepared a total of 60 drum machine rhythm patterns covering various styles, along with 10 metronome types.
In the TOOLS interface, click the drum machine icon to enter the drum machine interface.





After entering the drum machine interface, the following operations are available

- Click the drum machine switch to turn the drum machine on or off.
- Click the TAP area to calculate the BPM based on the interval of your tapping.
- Click the volume adjustment area, and after selecting it, rotate the VALUE encoder to adjust the drum machine's volume.
- Click the rhythm pattern area, and after selecting it, rotate the VALUE encoder to choose the drum machine's rhythm pattern.
- Click the BPM adjustment area, and after selecting it, rotate the VALUE encoder to modify the drum machine's BPM.
- Click the return icon to exit the drum machine interface and return to the TOOLS interface.

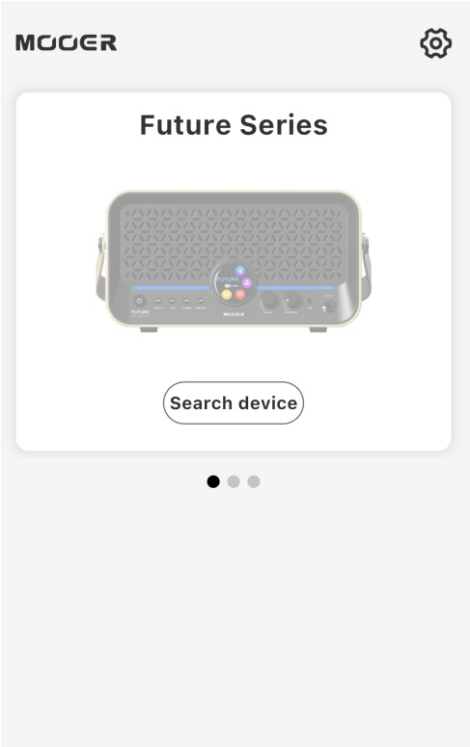
Note: For more features of the drum machine, such as LOOPER synchronization and other functions, please use the iAMP APP.

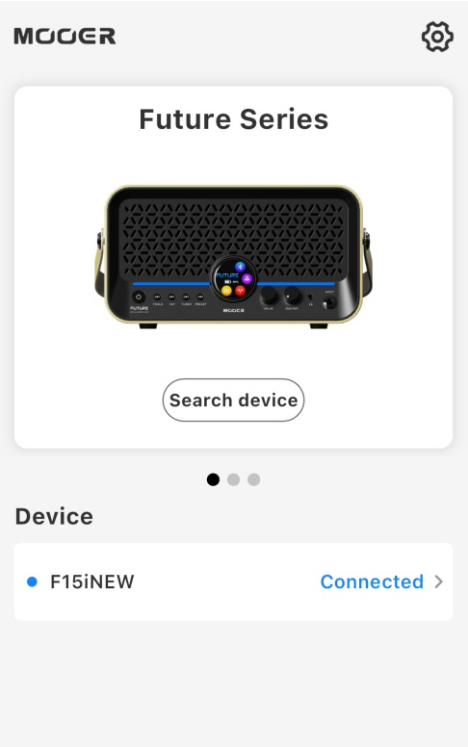
MOOER IAMP APPLICATION

The following sections will focus on how to use the app in combination with the F15i Li, including device connection, home page settings, preset editing, mixer settings, personal center, tone cloud, global settings, tool list, wireless footswitch, and more.

DEVICE CONNECTION

First, prepare a smartphone and download the iAMP application from the Apple App Store, Google Play Store, or the MOOER official website, then install it on your mobile device.

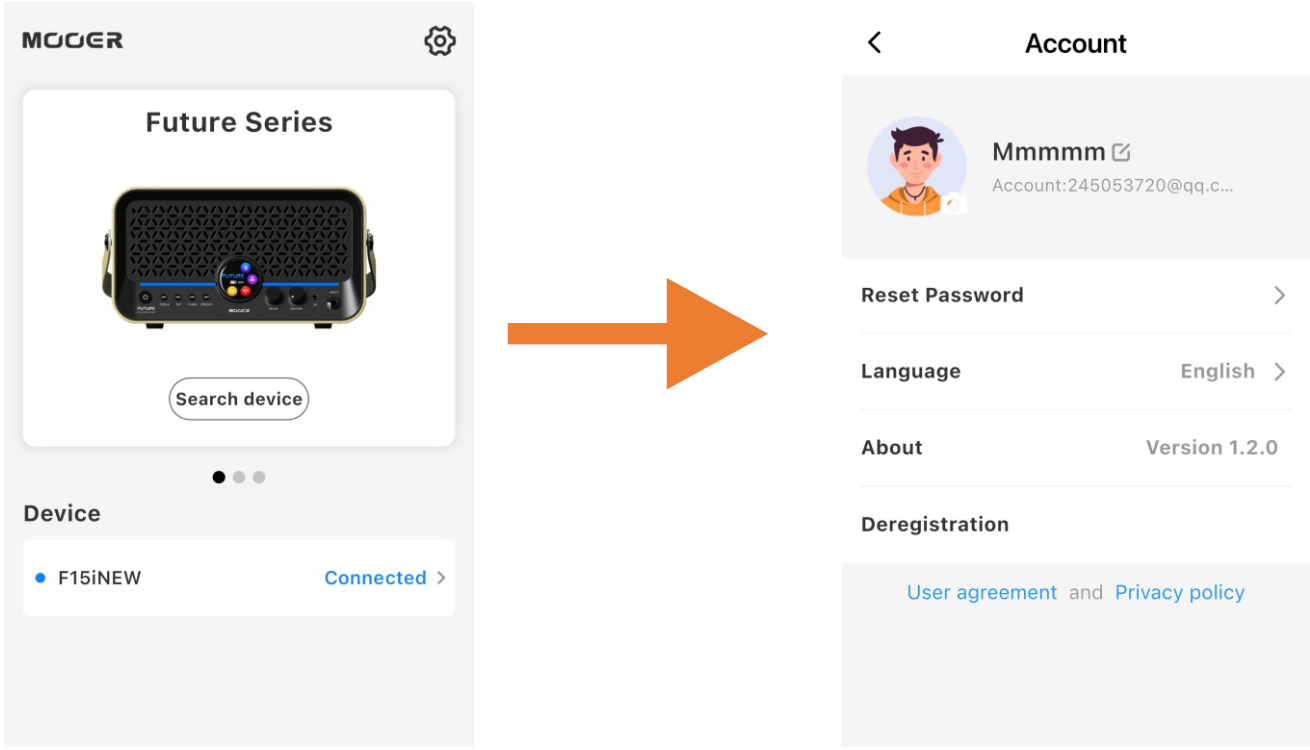




Enable Bluetooth and location services on your mobile device.

Open the iAMP application and go to the FUTURE SERIES tab in the first column. Tap Search Device and find your machine in the device list below, then tap Connect. After the connection progress bar completes, the F15i Li image will change from grayed out to full-color display. Tap the F15i Li image again to enter the user interface.

HOME PAGE SETTINGS



Tap the Settings icon in the upper right corner of the home page to enter the Home Settings interface. In this interface, you can log in, switch languages, and view version information. After logging in, you can also change your password, log out, and exit your account.

USER INTERFACE

Once the device is connected, tap the colorful F15i Li icon to directly enter the user interface. In this interface, users can perform most operations, such as switching presets, modifying parameters, changing algorithm models, and more.



Menu Icon
Tap the menu icon to expand the left sidebar (further details will be provided later).

Top Status Bar
In the top status bar, you can tap the icons for Effect Chain, Tone Library, and Mixer to enter those sections.

Preset Area
Tap the preset area to bring up the preset list. Tap the save icon on the right to open the save confirmation dialog.

Effect Chain Area
In this area, you can add or remove effect modules, move the effect chain, turn on/off effect modules, and perform other operations.

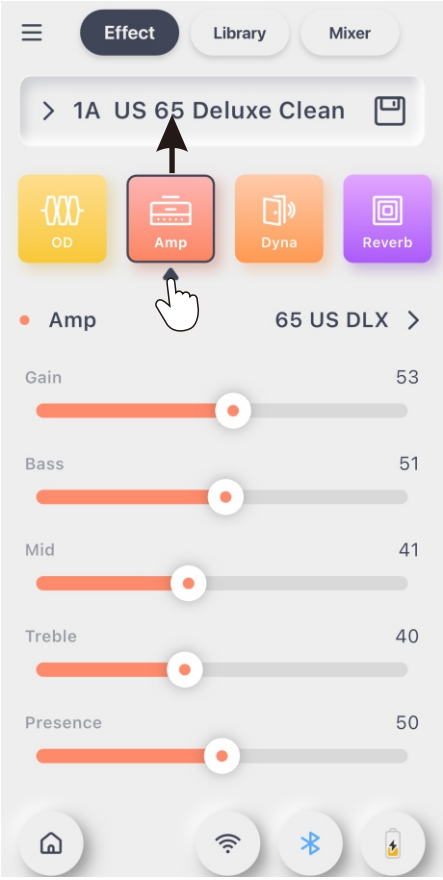
Editing Area
In this area, the full parameters of the currently selected module will be displayed. You can change the effect model, adjust parameters, and more.

Bottom Status Bar
The bottom status bar allows you to return to the home settings, scan the serial number QR code, match the wireless footswitch, toggle Bluetooth, and view battery status.

PRESET EDITING

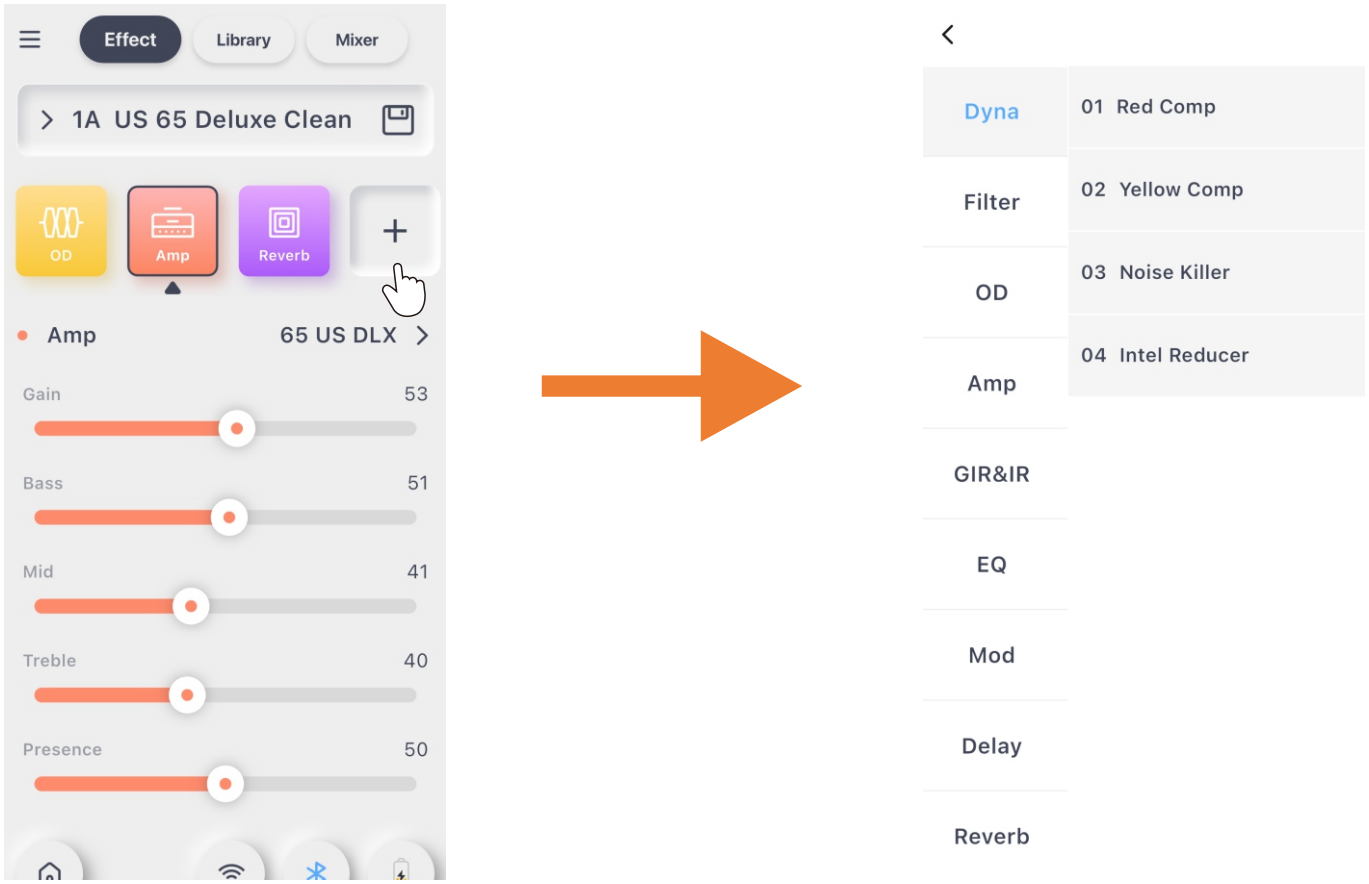
The F15i Li comes with 80 built-in preset tones, and by tapping the Tone Library in the top status bar, you'll also have access to 6 styles and 30 tones. However, if these presets don't quite match what you're looking for, or if you'd like to experience the joy of creating your own tones, let's begin the journey of tone creation!

Remove an effect module



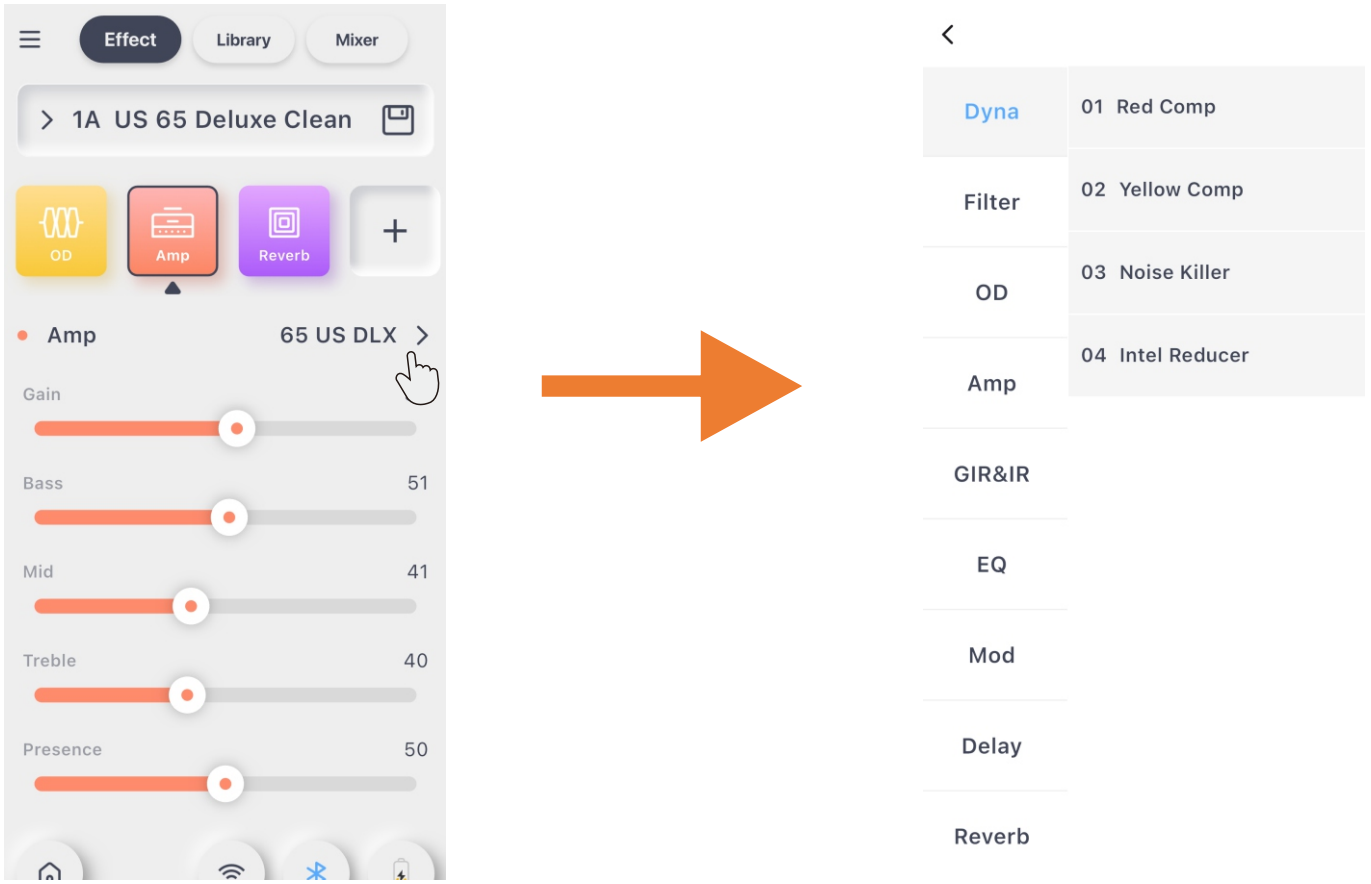
In the effect chain interface, select the module you want to remove and drag it upwards to remove the module.

Add Effect Module



In the effect chain interface, click the blank '+' button to open the effect model list (the specific modules and corresponding model list will be provided in the upcoming 'Effect Description').

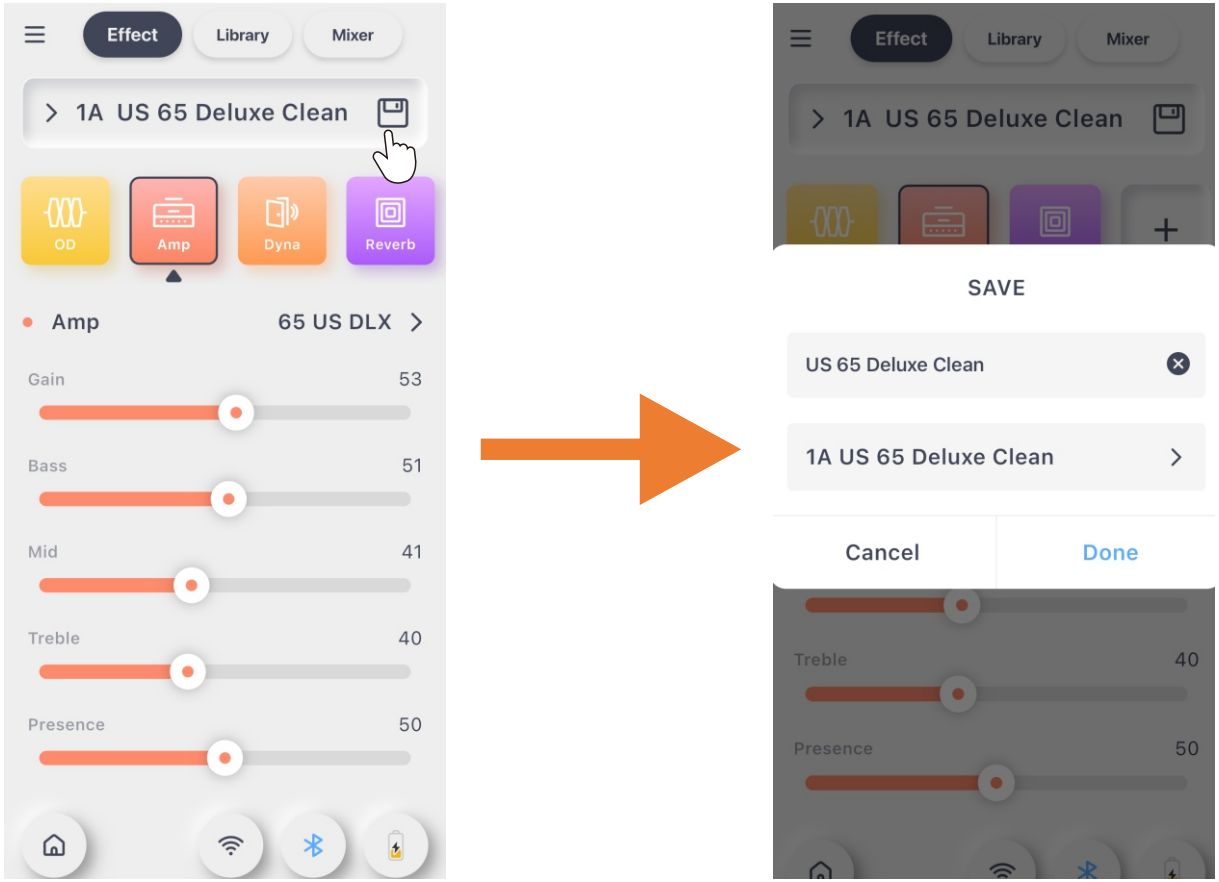
Change Effect Model and Modify Parameters



In the effect chain interface, click the model switch arrow to open the model list, where you can change to the desired effect model.

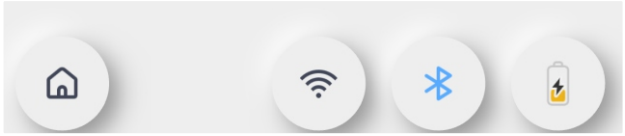
In the parameter area, select a parameter and drag the slider left or right to adjust the selected parameter

Save



In the effect chain interface, click the save icon to open a confirmation dialog. In this dialog, you can modify the preset name, choose the preset location, and click 'Done' to successfully save.

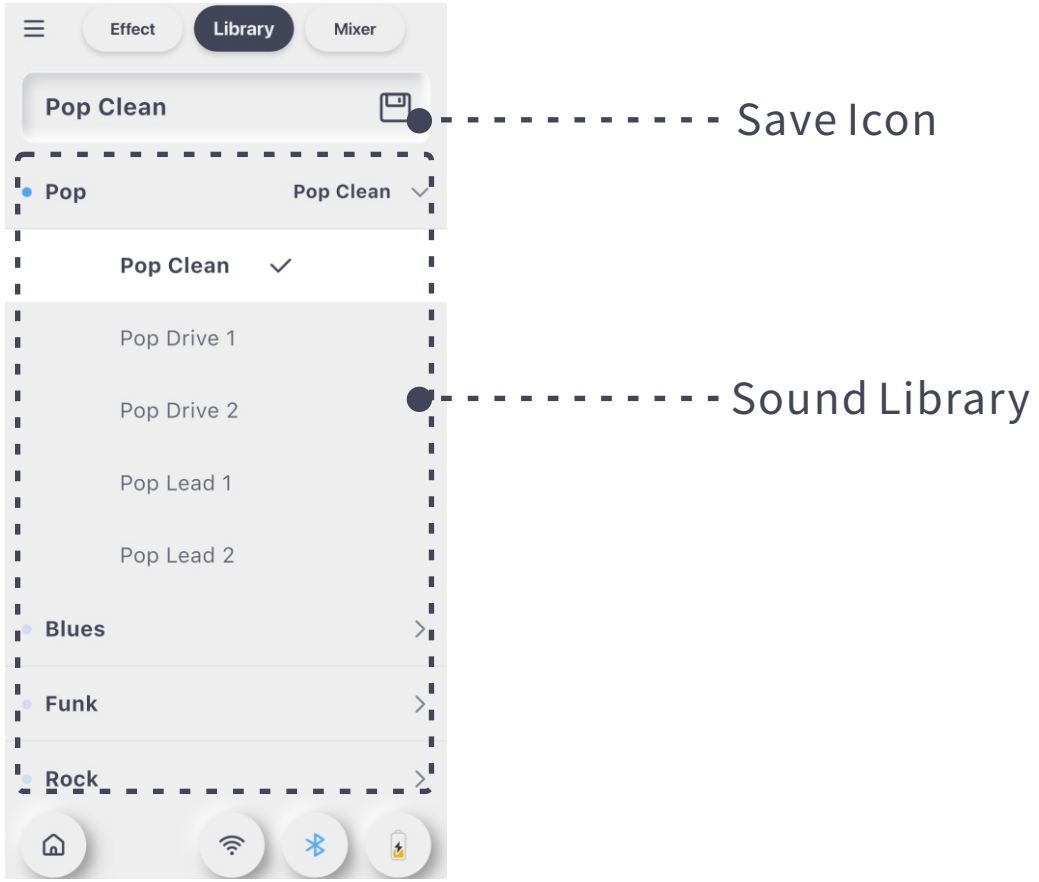
BOTTOM STATUS



Click the 'HOME' icon to return to the home page.
Click the QR code icon to enter the serial number QR code scanning interface.
Click the wireless icon to enable wireless footswitch pairing mode on the F15i Li.
Click the Bluetooth icon to toggle Bluetooth on or off.
The battery status icon will display the current battery level of the device.

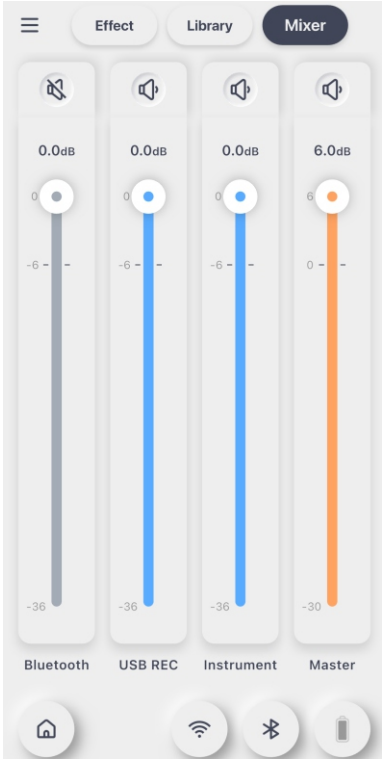
LIBRARY

After clicking the 'Sound Library' icon in the top status bar, you will enter the sound library interface. In the sound library, we have prepared 6 styles with a total of 32 sounds for you to choose from. You can select your favorite sound and save it to the F15i Li by clicking the save icon at the bottom of this interface.



MIXER

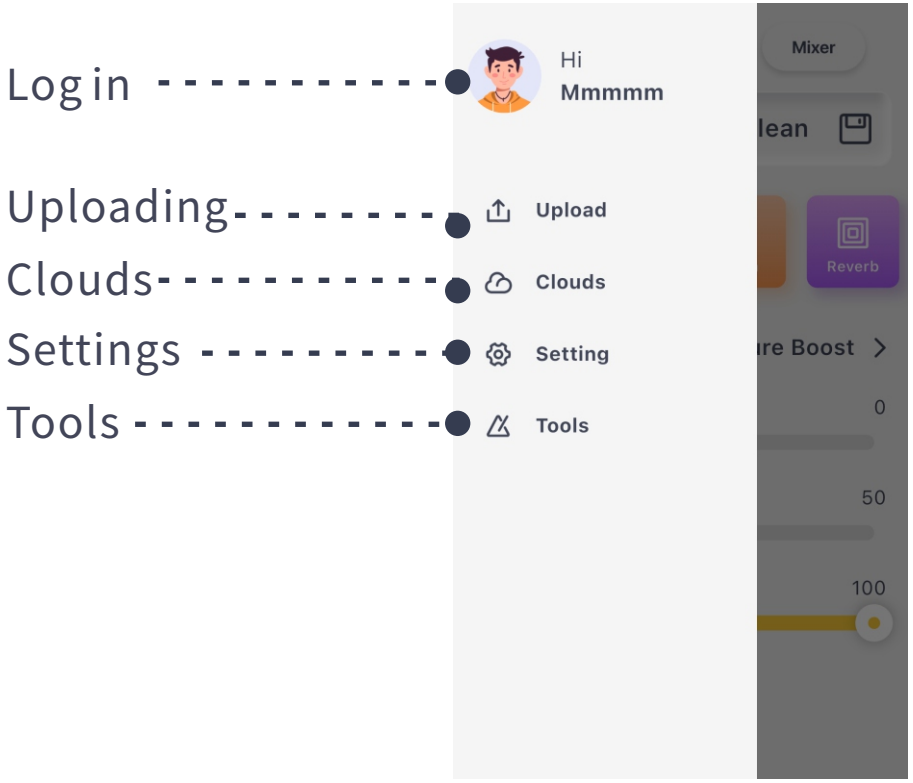
After clicking the 'Mixer' icon in the top status bar, you will enter the mixer interface. In the mixer interface, you can adjust the volume of the three input sources: 'Bluetooth,' 'USB,' and 'Instrument.' You can also adjust the overall output volume in the 'Master Volume' section.



At the top of the adjustment section, you can toggle the volume of this channel by clicking the icon. When turned off, the volume slider area will turn gray, indicating that the channel is muted .

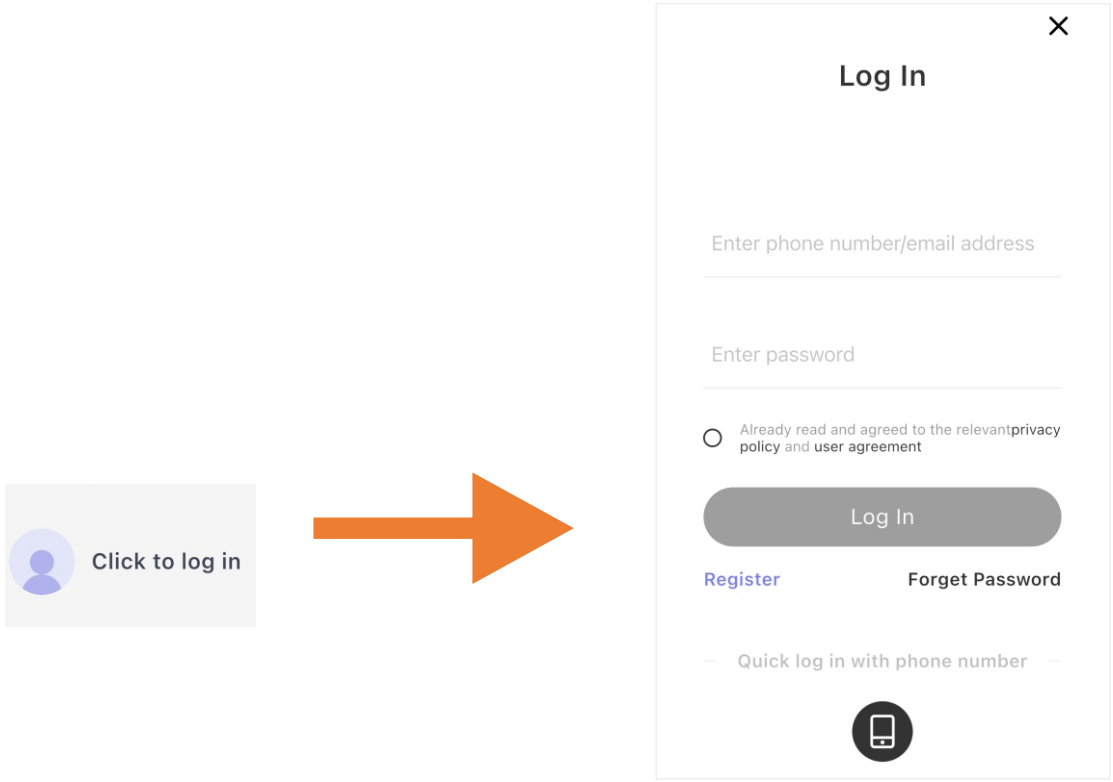
(The volume adjustment range is: -36dB to 0dB, with the default setting at -6dB.)

MENU SIDEBAR OPERATION

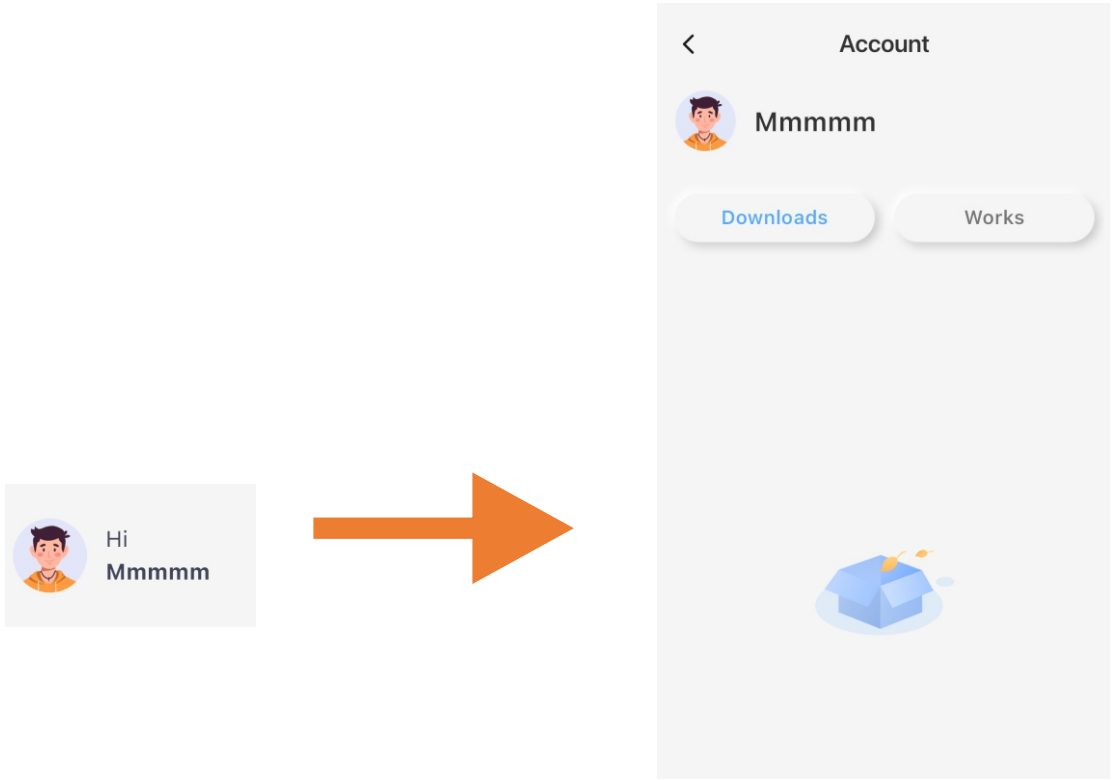


LOGIN OPERATION

When not logged in, click this login entry to open the login interface. After entering your account and password, you can log in successfully. (If you don't have an account or have forgotten your password, you can register an account or recover your password through this interface.)

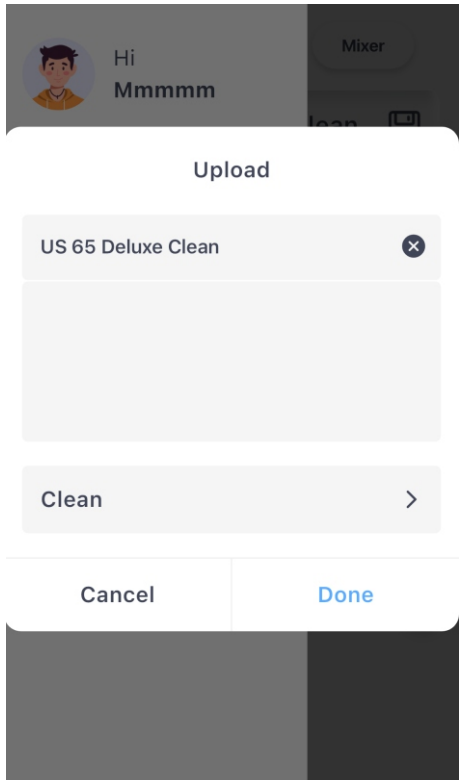


When logged in, click this login entry to view the list of presets you have currently uploaded and downloaded.



Upload Operation

Click the "Upload" icon in the menu sidebar to open the upload confirmation interface. In this interface, you can modify the preset name, description, and type. After clicking "Done," a successful upload prompt will appear, and you will be able to see the preset you just uploaded in the Sound Cloud. (Please note: Upload operations and accessing the Sound Cloud require you to be logged in.)



Sound Cloud Entry

Click the "Sound Cloud" icon in the menu sidebar to enter the Sound Cloud. In the next interface, you can choose either "MNRS" or "PRESET." Clicking on these will take you to the sample cloud list or the preset cloud list, respectively.

Sample Cloud List

In the MNRS sample cloud list, you can find a vast collection of GNR & GIR (amp and cabinet sampling files) data. Find the sample file you need and click the download icon on the right to download it to the F15i Li.

The downloaded GNR files can be found at the bottom of the "Amp" module in the effect module list, while GIR files can be found within the "GIR & IR" module in the effect module list. (The F15i Li supports loading up to ten GNR files and ten GIR & IR files. For information on importing IR files, please refer to the "MOOER STUDIO FOR F15i Li" section below.)

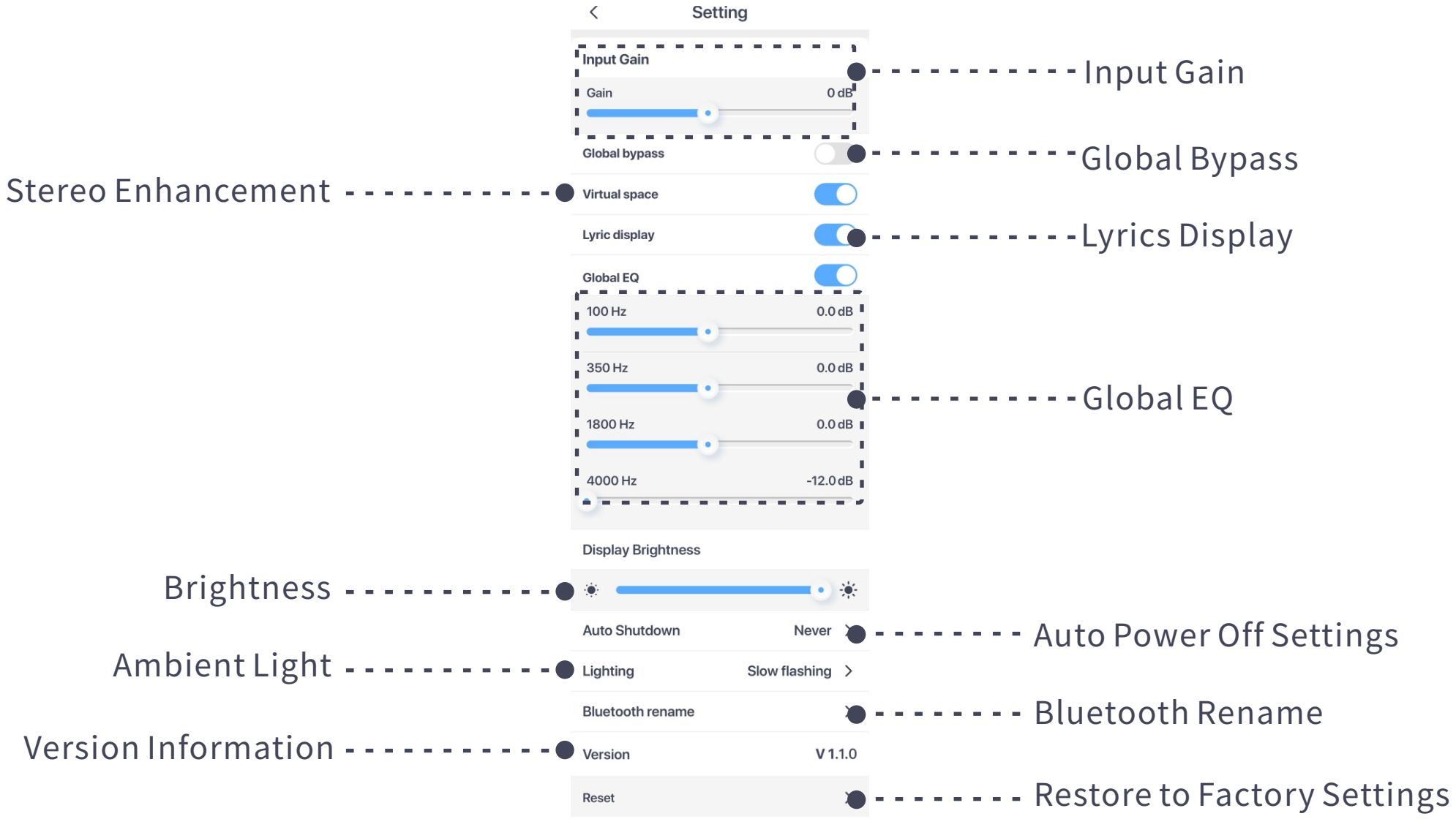
Preset Cloud List

In the preset cloud list, you can browse and download presets shared by other users. Click on "Clean," "Low Gain," or "High Gain" at the top to categorize the presets within the list. The color block in front of each preset also indicates the type of preset. (Purple for clean, blue for low gain, orange for high gain).

Click the small headphone icon in front of a preset to preview the cloud preset.

Settings

Click the Setting in the sidebar to enter the settings interface. The following sections will provide a detailed introduction to each setting."



Input Gain

The input gain for the 6.35mm instrument input can be adjusted. If you are using an instrument with a higher output power, you can set this to reduce clipping. (The adjustment range is from -∞ to +6dB, with a default value of 0dB).

Global Bypass

When the global bypass is enabled, the F15i Li can be used as an effects processor platform. At this point, all the tone models within the F15i Li will be bypassed, and a "Global Bypass" pop-up will temporarily appear in the effects chain interface.

Stereo Enhancement

In the F15i Li, using MOOER's latest algorithm, we provide a stereo surround enhancement effect. By turning on the "Stereo Enhancement" switch in the settings, the sound coming from the speakers will become more three-dimensional and surround, offering a better sense of immersion.

Lyric Display

When this setting is enabled, the machine will enter the lyric display interface during Bluetooth music playback. In this interface, you can view the lyrics of the currently playing song and perform actions such as pause, previous/next track, etc.

Global Equalizer
This setting allows you to adjust the equalization of four preset frequency points. These adjustments will directly affect the instrument's output, completely independent of any other presets.

Display Brightness
The display brightness setting allows you to adjust the brightness of the round screen on the device.

Auto Power Off
The F15i Li features an energy-saving mode.
When the device remains idle (no input) for the duration set in this option, it will automatically shut down to reduce battery wear. Press and hold the power button again to turn it back on.
(The default setting for this option is "Never").

Ambient Light
You can set the color and mode of the ambient light strip on the F15i Li.
When "Off" is selected, the ambient light will turn off.
When "Static" is selected, the ambient light will stay on in the color you choose (only one color).
When "Dynamic" is selected, the ambient light will alternate in a breathing effect with the colors you select (multiple colors).

Bluetooth Renaming

By clicking on "Bluetooth Renaming," the Bluetooth naming interface will pop up. You can enter characters to customize the Bluetooth name of the device. Click "OK" to save the new name.

Version Information and Factory Reset

In the version information section, you can check the current firmware details of the device. In the factory reset section, clicking the "Factory Reset" area will pop up a reset confirmation box. After confirming again, the device will erase all current data and restore to factory settings.

Tools

After clicking 

on the sidebar, you will enter the tools interface. Within the tools interface, you can switch between functions using the three icons at the top: "Drum Kit," "Tuner," and "Loop Recording."

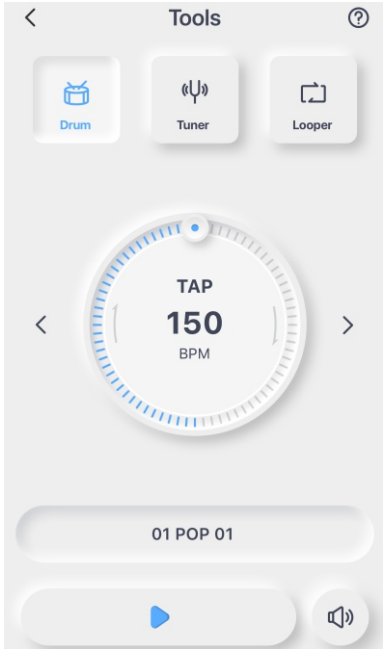
Drums

In the F15i Li, we provide 6 styles with a total of 60 drum kit patterns, along with 10 commonly used metronome patterns.

You can select from these 70 different patterns by sliding the rhythm pattern selection box at the bottom.

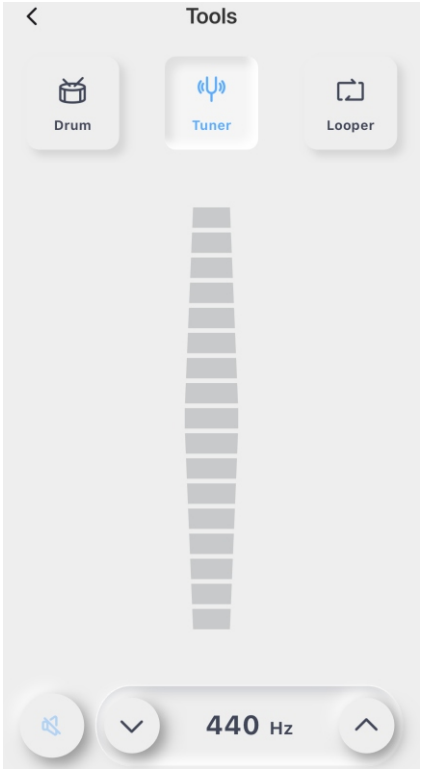
The central tap area allows you to press and tap for rhythm, and rotating the BPM ring enables quick adjustment of the BPM. Additionally, you can fine-tune the BPM by clicking the left and right arrows.

Click the play button below to toggle the drum machine on or off. You can adjust the volume by clicking the volume icon on the right side.



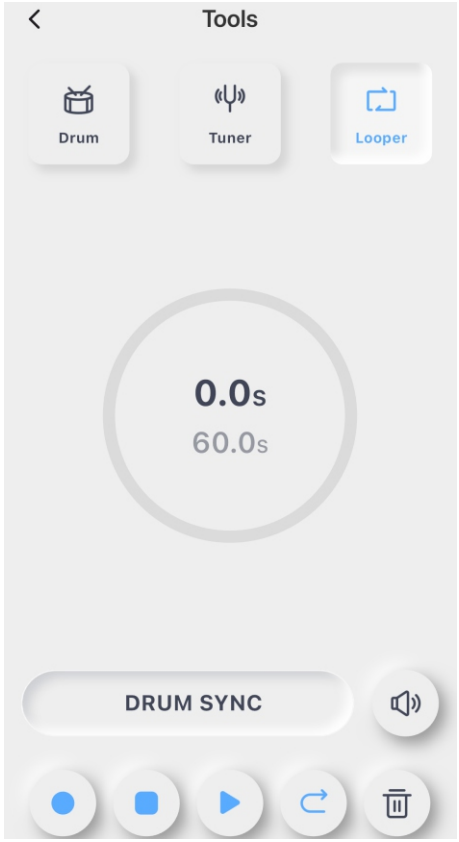
Tuner

When you enter the tuner in the iAmp app, the F15i Li will also sync and enter tuner mode.
In the tuner, you can confirm whether the note is in tune based on the indicator bar.
The reference pitch adjustment area below allows you to adjust the reference pitch, with a range from 430 to 445Hz.
You can also select the tuner mode by clicking the mute icon, choosing between "Mute" or “Bypass."



Loop Recording

In the F15i Li, we provide a stereo loop recorder with a total duration of 60 seconds. You can activate the loop recorder by selecting "Loop Recording" in the tools interface of the iAmp app.



During recording, the circular display in the center of the interface will indicate the current recording duration, while the outer ring of the circle will show the current status of the loop recorder in color. Red indicates recording or overdubbing, and blue indicates playback.

Click the icon to start recording or overdubbing. When recording/overdubbing, this icon will turn red to indicate the current status. (During the first recording when drum machine sync is not enabled, it will detect the input signal, and recording will only start once the input signal exceeds the set threshold.)

Click the icon to pause during recording or playback. When paused, this icon will turn orange.

Click the icon to start playback during recording or pause. When playing, this icon will turn green.

When the number of tracks is greater than or equal to 2, click the icon to undo or redo. Undo will remove the last recorded track information, and redo will restore the removed track. (When the number of tracks is less than 2, this icon will be grayed out and not clickable.)

Click the to clear all current recorded information.

Click the to bring up the volume bar. Adjusting this bar will change the volume of the recorded information.

Drum Machine Sync and Alignment Rules

By clicking the drum machine sync icon in the loop recorder interface, you can enable drum machine sync for the loop recorder. Once this sync is enabled, clicking the record icon will play a one-bar preparatory beat at the current drum machine BPM before starting the recording. The recording process will follow the alignment rules between the drum machine and the loop recorder, ensuring that the audio you record is always in sync with the drum machine.

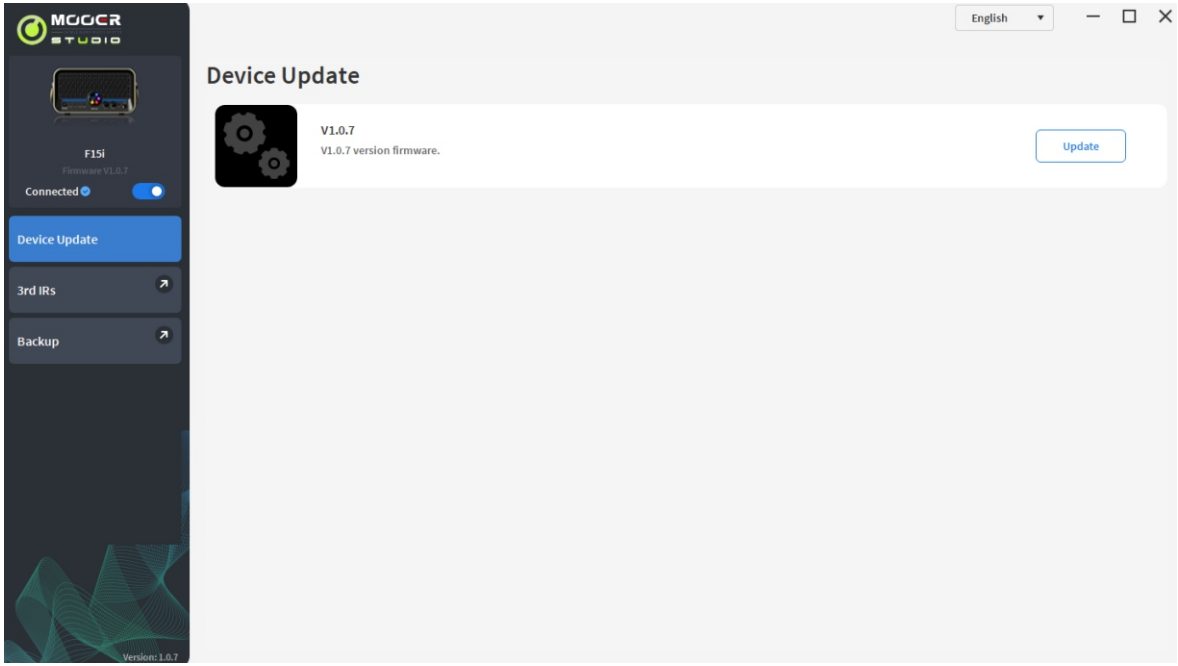
Alignment Rules

When the recording of the first audio ends before the halfway point of the current measure, the audio information from the current measure will be removed.

When the recording of the first audio ends after the halfway point of the current measure, the recording will be extended to complete the current measure before ending.

MOOER STUDIO FOR FUTURE SERIES

Visit the MOOER official website at cn.mooeraudio.com, go to the download center, and find the F15i Li Download Section. Locate and download MOOER STUDIO FOR Future Series.
In the PC software, you can perform firmware updates for the F15i Li, import third-party IR files, and back up or restore the entire device.



Firmware Update

Use the included USB cable to connect the F15i Li to the PC/MAC editing software. Open the editing software and click the connection switch in the upper-left corner. If the current firmware version does not match the software version, a prompt will appear for an update. Click "Update Firmware," and once the progress bar completes, the F15i Li will be successfully updated.

Import Third-Party IR Files

After successful connection, click "Third-Party IRs" in the left sidebar of the editing software to enter the third-party IR file management interface. Choose the location where you want to import the file, and click the "+" icon on the right side to import the file. To delete an IR file loaded at a specific location, click the "-" icon on the right.

Full Device Backup and Restore

Before performing a firmware update, it is recommended to back up the entire device to prevent the loss of tone files and settings.
After successfully connecting, click "Backup" in the left sidebar of the editing software to enter the backup/restore interface. On the right side of this interface, click "Backup" to create a backup file. You can manage restores and deletions in the file management area at the bottom.

EFFECT DESCRIPTION

Dynamic		
Serial NO.	**Name**	**Tone Description**
1	Red Comp	Dual-Parameter Adjustable Compressor
2	Yellow Comp	Based on the Mooer® YELLOW COMP compressor, it offers four adjustable parameters.。
3	Noise Gate	Based on the Mooer® Micro Noise Killer.This unit quickly and effectively solves noise problems through simple threshold adjustment.
4	Intelligent Noise Gate	Unlike conventional noise gates, its principle separates the regular signal from the white noise, then eliminates the white noise. This reduces noise while maintaining the natural decay of the tail end. It is recommended to use this module before distortion effects or amp simulations.

Filter		
Serial NO.	**Name**	**Tone Description**
1	Touch Wah	Dynamic response auto wah with an envelope filter.
2	Auto Wah	Analog wah with an automatic frequency sweep function.
3	Filter	Modulated filter effect.

AMP		
Serial NO.	**Name**	**Tone Description**
1	MOOER® Pure Boost	Base on MOOER® Pure Boost
2	MOOER® Flex Boost	Base on MOOER® Flex Boost
3	B.K. Butler® Tubedrive	Base on B.K. Butler® Tube drive
4	IBANEZ® TS808	Base on IBANEZ® TS808 overdrive
5	Klon® Centaur Gold	Base on Klon® Centaur Gold overdrive
6	Barber® Direct Drive	Base on Barber® Direct Drive overdrive
7	Paul Cochrane® Timmy OD	Base on Paul Cochrane® Timmy OD overdrive
8	Fulltone® Fulldrive 2	Base on Fulltone® Fulldrive 2 overdrive
9	Xotic® BB Preamp	Base on Xotic® BB Preamp overdrive
10	Xotic® BB Plus	Base on Xotic® BB Plus overdrive
11	ProCo® Rat	Base on ProCo® Rat distortion

AMP		
Serial NO.	**Name**	**Tone Description**
12	MOOER® Grey Faze	Base on MOOER® Grey Faze fuzz
13	EHX® Big Muff	Base on EHX® Big Muff fuzz
14	Fulltone® GT-500	Base on Fulltone® GT-500 distortion
15	Marshall® Shred Master	Base on Marshall® Shred Master distortion
16	Suhr® Riot	Base on Suhr® Riot distortion
17	BOSS® Metal Zone	Base on BOSS® Metal Zone distortion
18	Digitech® Metal Master	Base on Digitech® Metal Master distortion
19	Fulltone® OCD	Base on Fulltone® OCD distortion
20	NOBELS® ODR-1	Base on NOBELS® ODR-1 overdrive
21	FRIEDMAN® BE-OD	Base on FRIEDMAN® BE-OD distortion
22	MOOER® Solo	Base on MOOER® Solo distortion

PREAMP		
Serial NO.	**Name**	**Tone Description**
1	Fender® 65 Deluxe Reverb	Base on Fender® 65 Deluxe Reverb preamp
2	Fender® 65 Twin Reverb	Base on Fender® 65 Twin Reverb preamp
3	Fender® 59 Bassman	Base on Fender® 59 Bassman preamp
4	Fender® Super Sonic	Base on Fender® Super Sonic preamp
5	Fender® Blues Deluxe Clean	Base on Fender® Blues Deluxe preamp
6	Fender® Blues Deluxe Overdrive	Base on Fender® Blues Deluxe preamp
7	ENGL® E650 Clean	Base on ENGL® E650 preamp
8	ENGL® Powerball E645 CL	Base on ENGL® Powerball E645 preamp
9	ENGL® Blackmor CL	Base on ENGL® Blackmore preamp
10	MESA Boogie® MARK III CL	Base on MESA Boogie® MARK III preamp
11	MESA Boogie® MARK III CL	Base on MESA Boogie® MARK V preamp

PREAMP		
Serial NO.	**Name**	**Tone Description**
12	MESA Boogie® Triple Rectifier CL	Base on MESA Boogie® Triple Rectifier preamp
13	Orange® Rockerverb CL	Base on Orange® Rockerverb preamp
14	DR.Z® Maz18 Jr	Base on DR.Z® Maz18 Jr preamp
15	DR.Z® Z-Wreck	Base on DR.Z® Z-Wreck preamp
16	Jet City® JCA100H CL	Base on Jet City® JCA100H preamp
17	Roland® JC-120	Base on Roland® JC-120 preamp
18	VOX® AC30 CL	Base on VOX® AC30 preamp
19	VOX® AC30 OD	Base on VOX® AC30 preamp
20	Hiwatt® DR-103	Base on Hiwatt® DR-103preamp
21	Peavey® 5150	Base on Peavey® 5150 preamp
22	Tone King® Falcon CL	Base on Tone King® Falcon preamp

PREAMP		
Serial NO.	**Name**	**Tone Description**
23	Tone King® Falcon OD	Base on Tone King® Falcon preamp
24	Two Rock® Cora CL	Base on Two Rock® Coral preamp
25	Two Rock® Cardiff	Base on Two Rock® Cardiff preamp
26	EVH® 5150 CL	Base on EVH® 5150 preamp
27	Blackstar® HT Stage 100 CL	Base on Blackstar® HT Stage 100 preamp
28	Diezel® Hagen CL	Base on Diezel® Hagen preamp
29	Koch® Powertone OD	Base on Koch® Powertone preamp
30	Marshall® JCM800	Base on Marshall® JCM800 preamp
31	Marshall® JCM900	Base on Marshall® JCM900 preamp
32	于Marshall® Plexi 100	Base on Marshall® Plexi 100 preamp
33	Engl® E650 DS	Base on Engl® E650 preamp

PREAMP		
Serial NO.	**Name**	**Tone Description**
34	ENGL® Powerball E645 DS	Base on ENGL® Powerball E645preamp
35	ENGL® Blackmore DS	Base on ENGL® Blackmore preamp
36	MESA Boogie® MARK III DS	Base on MESA Boogie® MARK III preamp
37	MESA Boogie® MARK V DS	Base on MESA Boogie® MARK V preamp
38	MESA Boogie® Triple Rectifier DS	Base on MESA Boogie® Triple Rectifier preamp
39	Orange® Rockverb DS	Base on Orange® Rockverb preamp
40	Orange® AD30	Base on Orange® AD30 preamp
41	Orange® OR50	Base on Orange® OR50 preamp
42	Soldano® SLO-100 OD	Base on Soldano® SLO-100 preamp
43	Soldano® SLO-100 DS	Base on Soldano® SLO-100 preamp
44	Jet City® JCA100H OD	Base on Jet City® JCA100H preamp

PREAMP		
Serial NO.	**Name**	**Tone Description**
45	Peavey® 5150 DS	Base on Peavey® 5150 preamp
46	Tone King® Falcon OD	Base on Tone King® Falcon preamp
47	Two Rock® Coral OD	Base on Two Rock® Coral preamp
48	EVH® 5150 DS	Base on EVH® 5150 preamp
49	Blackstar® HT Stage 100 DS	Base on Blackstar® HT Stage 100 preamp
50	Diezel® Hagen OD	Base on Diezel® Hagen preamp
51	Diezel® Hagen DS	Base on Diezel® Hagen preamp
52	Koch® Powertone DS	Base on Koch® Powertone preamp
53	Markbass® R50	Base on Markbass® R500 preamp
54	Ampeg® SVT 4 Pr	Base on Ampeg® SVT 4 Pro preamp
55	Aguilar® DB750CL	Base on Aguilar® Db750音preamp

EQ		
Serial NO.	**Name**	**Tone Description**
1	5-Band Equalizer	5-band equalizer effect for guitar.
2	Custom Equalizer	Provides a 4-band equalizer effect with customizable frequency points.

Modulation		
Serial NO.	**Name**	**Tone Description**
1	Classic Phaser	Base on MOOER® Ninety Orange
2	Wave Phaser	Base on Square Wave Phaser Effect.
3	Classic Flanging	Base on MOOER® E-Lady
4	Jet Flanging	Base on MOOER® Jet Flanger。
5	Tremolo	Base on MOOER® Trelicopter
6	Wave Tremolo	Based on square wave modulation for volume tremolo effects.
7	Pitch Tremolo	Standard pitch modulation tremolo effect.
8	Rotary	Simulates the classic rotary speaker sound.
9	Ring Mod	A modulation effect that combines signals to create metallic, bell-like tones.
10	Harmonic Transposition	A transposition effect that supports multiple notes being played simultaneously.

Modulation		
Serial NO.	**Name**	**Tone Description**
11	Analog Chorus	A classic, rich analog chorus sound.
12	Triple Chorus	A chorus effect that applies three layers for a fuller sound.
13	Lo-Fi	Achieved by lowering the sample rate to create a lo-fi tone.
14	Slow Attack	A slow attack effect that weakens or removes the initial transient sound.
15	Panning	Creates a stereo effect by moving the sound across the left and right channels.
16	Pitch Shift	Based on the original pitch with slight variations in pitch added for a distinctive effect.
17	Octave	Adds an octave above or below the dry signal, based on the original sound.

DELAY		
Serial NO.	**Name**	**Tone Description**
1	Digital	A basic digital delay effect where each repetition of the signal is clearly repeated.
2	Analog	Uses digital technology to recreate the warm and smooth characteristics of analog circuit delay.
3	Echo	Reproduces the echo sound of a real space.
4	Tape	Simulates the sound of classic tape delay.
5	Modulated	Adds modulation effects to the delay sound.
6	Reverse	Reverse playback delay effect.
7	Ping Pong	Highly spatial left-right ping pong delay.
8	Crystal Modulated	Increases the delay feedback by five octaves, creating a crystal-clear effect.
9	Rainbow Modulated	Raises each feedback delay effect by a certain interval, forming a dreamy, rainbow-like gorgeous effect.

DELAY		
Serial NO.	**Name**	**Tone Description**
10	Vintage	Includes some lo-fi delay effect in the delay sound, restoring a vintage tone.
11	Slow Attack	Includes slow attack delay effect in the delay sound, giving your music endless space for imagination.
12	Filtered	Includes a filter in the delay effect.

REVERB		
Serial NO.	**Name**	**Tone Description**
1	Room	Reproduces the reverb of a smaller space.
2	Hall	Reproduces the reverb of a larger space, with rich diffusion and a longer decay time.
3	Plate	A bright metallic plate reverb effect.
4	Spring	A retro spring reverb effect.
5	Modulated	Adds chorus to the reverb effect for a more detailed sound.
6	Starlight	A stunning reverb with Shimmer effect, creating a beautiful tone.
7	Flanged	Adds a flanging effect to the reverb, making the sound more psychedelic.
8	Reverse	Adds a reverse effect to the reverb, offering a completely different experience compared to traditional reverb.

REVERB		
Serial NO.	**Name**	**Tone Description**
9	Distorted	Adds distortion to the reverb, resulting in an extremely unnatural reverb effect.

Note: The brand names and product names mentioned in this manual are the property of their respective companies and are used here solely for the purpose of describing the effect tones simulated by this product.

TECHNICAL SPECIFICATIONS

Item		Description
Effects	Number of Modules	9
	Total Number of Models	Over 120
	Preset Slots	80
Input	**GUITAR IN**	
	Interface Type	1/4'' unbalanced mono input
	Input Impedance	1Meg ohm
	Maximum Input Level	10dBu
Output	**OUTPUT**	
	Interface Type	2 x 1/4'' unbalanced mono outputs
	Input Impedance	600ohm
	Maximum Output Level	10dBu

Item		Description
Output	**PHONES**	
	Interface Type	1/8'' unbalanced stereo output
	Input Impedance	1ohm
	Maximum Output Level	5dBu
	USB	
	Interface Type	TYPE-C
	USB AUDIO	USB2.0，2 in2 out，44.1~192 kHz 24bit
	CAB	
	Power	15W (2 x 7.5W) Class D Amplifier
	Size	2 x 2-inch custom full-range speakers
General	Power Adapter Specs	5V ⎓ 2A
	Battery Capacity & Life	4000mAh Approximately 6 hours of music playback or playing time (with app fader at 0dB and master volume knob at 50%).

Item		Description
General	Charging Time	Approximately 4.5 hours (5V 2A power supply)
	Dimensions	264*128*147mm (L × W × H)
	Weight	1.48kg
	Accessories	USB Cable, Quick Start Guide, Handle Strap

COMMON TROUBLESHOOTING

1. Cannot Power On

- Ensure that the correct power adapter is connected (5V 2A).
- For the Li-ion battery version, make sure the battery has enough power to start, or try powering on after connecting the correct power adapter.
- Press and hold the power button for more than 2 seconds.

2. No Sound After Powering On

- Make sure the 'MASTER' volume knob on the panel is turned to an appropriate level.
- Open the iAmp APP and ensure the volume fader on the mixer is at a suitable position.
- In the iAmp APP, go to {Settings} and find the input gain fader, ensuring it is set to an appropriate level.
- Check all effect model parameters in the effect chain to see if the {Volume} parameter is set correctly.

3. Excessive Background Noise

- Use connection cables with good shielding performance.
- Change the usage environment or time to eliminate potential power interference.
- Try to stay away from computer cases, motors, fans, and other electrical devices to avoid electromagnetic interference.



MOOER

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