MOOER F15i

MOOER F15i Intelligent Guitar Amp 15W User Manual

Model: F15i

Introduction

The MOOER F15i is a 15W intelligent guitar amplifier designed for both guitarists and bassists. It integrates advanced features such as a touch screen interface, a wide array of amplifier models and effects, a drum machine, looper, and app control. This manual provides detailed instructions for its setup, operation, and maintenance to ensure optimal performance.



Image: Front view of the MOOER F15i Intelligent Guitar Amp, showcasing its compact design and central touch screen.

Package Contents

Please verify that all items are present in the package:

- MOOER F15i Intelligent Guitar Amp
- Power Adapter
- USB-C Cable
- User Manual (this document)

Safety Information

- Do not expose the device to water or excessive moisture.
- Avoid placing the device near heat sources.
- Use only the provided power adapter.
- Do not attempt to disassemble or repair the unit yourself. Refer to qualified service personnel.
- Ensure proper ventilation to prevent overheating.

Setup

Powering On the Device

1. Connect the power adapter to the USB-C interface (13) on the rear panel of the F15i.
2. Plug the power adapter into a suitable power outlet.
3. Press and hold the Power Button (1) on the front panel until the device powers on.

Connecting Your Instrument

Insert your guitar or bass cable into the 6.35mm Instrument Input (11) on the front panel.

External Connections

- **Headphones:** For silent practice, connect headphones to the 3.5mm Headphone Output (9). This will mute the device's speakers.
- **External Speakers/Mixing Console:** Use the two 6.35mm Output jacks (12) on the rear panel to connect to external sound reinforcement equipment or a mixing console for stereo output.
- **USB-C for Recording:** The USB-C interface (13) can also be used for direct digital audio recording to a computer or mobile device, allowing for audio and video synchronization.



Image: Diagram illustrating various connection options for the MOOER F15i, including external speakers/monitors, a phone/laptop for power input, and the power input itself.



Image: A MOOER F15i amplifier with headphones connected, demonstrating the headphone output feature for private practice.

Operating Instructions

Front Panel Controls and Interface



Key Interface Diagram

1. **POWER BUTTON** The backlit power button enables device power-on/off via long press.
2. **TOOLS BUTTON** Press to enter or exit the Tools interface.
3. **TAP BUTTON** The button can be pressed to set the tempo. It will flash with the current BPM value.
4. **TUNER BUTTON** Press to enter or exit the tuner interface.
5. **PRESETBUTTON** Press to enter the preset list or switch between the four presets of the same group.
6. **SCREEN** Displays all the operation information of the device.
7. **VALUE ENCODER** Use the encoder to switch presets, adjust drum machine parameters, and more.
8. **MASTER KNOB** Rotate the knob to adjust the volume.
9. **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.

Image: Detailed diagram of the MOOER F15i's front and rear panels, with numbered labels indicating each control and port.



Image: Close-up view of the MOOER F15i's front panel buttons: Power, Tools, Tap, Tuner, and Preset, with their respective indicator lights.

1. **Power Button:** Press and hold to power the device on or off.
2. **Tools Button:** Press to enter or exit the Tools interface.
3. **Tap Button:** Press to set the tempo. It will flash with the current BPM value.
4. **Tuner Button:** Press to enter or exit the tuner interface.
5. **Preset Button:** Press to enter the preset list or switch between the four presets of the same group.

6. **Screen:** Displays all operational information of the device.
7. **Value Encoder:** Use this encoder to switch presets, adjust drum machine parameters, and navigate menus.
8. **Master Knob:** Rotate to adjust the overall volume.
9. **3.5mm Headphone Output:** Insert headphones for audio output. This mutes the device's speakers.
10. **Ambient Light:** Multi-color ambient light displays parameter adjustment values in a progress bar format while adjusting the volume.
11. **6.35mm Instrument Input:** Connect your guitar or bass here.
12. **6.35mm Output:** Connect to an external monitor speaker or a mixing console (two jacks for stereo).
13. **USB Interface:** Used for charging the device or for OTG digital audio recording and playback from mobile smart devices.

Using the Touch Screen

The 1.3-inch touch screen (6) provides direct access to various functions, including Bluetooth connectivity, wireless footswitch pairing, drum machines, and the tuner. You can also play/pause music directly from the touch screen when streaming audio via Bluetooth.



Image: Close-up of the MOOER F15i's 1.3-inch touch screen, showing various icons for Bluetooth, presets, tuner, and drum machines, indicating quick access to these features.

Amp Models and Effects

The F15i features 55 amplifier models, utilizing MOOER's MNRS nonlinear modeling technology, and 69 effect types, including delay, modulation, reverb, and dynamic processing modules. There are 80 preset saving slots available.

- **Selecting Presets:** Use the Preset Button (5) or the Value Encoder (7) to navigate through the 80 preset slots.
- **Adjusting Effects:** Enter the Tools interface using the Tools Button (2) to access and adjust individual effect parameters.



Image: Graphic illustrating key features of the MOOER F15i, including 100+ amp models, 3rd party IR support, iAMP APP, effect module stacking, 60 drum grooves & 10 metronomes, built-in tuner, 60-second looper, and MOOER Cloud.

Drum Machine and Looper

The F15i includes a drum machine with 60 different grooves and 10 metronome variations. It also features a synchronizable 60-second looper.

- Access the drum machine and looper functions via the Tools interface or the touch screen.
- Use the Value Encoder (7) to adjust drum machine parameters such as tempo and groove selection.
- The looper allows for recording and overdubbing up to 60 seconds of audio.

Tuner Function

A high-precision tuner is integrated into the amplifier's software. Press the Tuner Button (4) to activate the tuner and ensure your instrument is perfectly in tune.

MOOER iAMP App Control and Cloud Sharing

The MOOER iAMP app allows for remote control of effects, reusable effect modules, IR loading, and firmware updates. It also provides access to the iAMP Cloud for sharing and downloading tones.

1. Download the MOOER iAMP app from your device's app store.
2. Connect your mobile device to the F15i via Bluetooth.
3. Use the app to customize presets, adjust effects, and manage your tone library.
4. Access the iAMP Cloud through the app to upload your custom tones or download official and user-created tones.



Image: Screenshots of the MOOER iAMP mobile application interface, demonstrating effect editing, library browsing, and tone adjustment capabilities.

Dynamic Spatial Enhancement (DPE)

The F15i is equipped with a bass diaphragm that supports DPE function. This technology dynamically optimizes the audio signal in real-time, enhancing spatial layering for a wider listening experience, whether from stereo peripheral sound or Bluetooth audio input.



Image: Diagram illustrating the internal speaker configuration of the MOOER F15i, highlighting the dual 2-inch speakers and the "subwoofer cone" for Dynamic Spatial Enhancement (DPE).

Battery Operation

The F15i features an integrated lithium battery providing up to 6 hours of operation. This allows for portable use without a constant power source.



Image: A MOOER F15i amplifier in black, highlighting its rechargeable battery function and displaying icons for 80 preset slots, 55 amp modeling, 69 effect types, and suitability for guitarists and bassists.



Image: A MOOER F15i amplifier in white, being used outdoors with a guitar, demonstrating its portability and battery life.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Firmware Updates:** Regularly check the MOOER iAMP app for available firmware updates to ensure your device has the latest features and performance enhancements.

Troubleshooting

Problem	Possible Cause	Solution
No sound output	Device not powered on. Master volume too low. Headphones connected. Instrument cable faulty or not connected properly. Incorrect preset selected.	Press and hold the Power Button (1). Increase the Master Knob (8). Disconnect headphones from 3.5mm Headphone Output (9). Check instrument cable and connection to 6.35mm Instrument Input (11). Select a different preset.
Bluetooth connection issues	Bluetooth not enabled on F15i or mobile device. Device too far from F15i. Interference.	Ensure Bluetooth is active on both devices. Move mobile device closer to the F15i. Restart Bluetooth on both devices.
App not connecting to F15i	Bluetooth not paired correctly. App version outdated.	Ensure the F15i is paired as "F15i Audio" in your phone's Bluetooth settings. Update the MOOER iAMP app to the latest version.
Short battery life	Battery not fully charged. Aging battery.	Charge the device fully before use. Contact MOOER support if battery life significantly degrades over time.

Specifications

Model Name	F15i
Brand	MOOER
Output Wattage	15 Watts
Power Source	Battery Powered (Lithium Ion)
Battery Type	1 Lithium Ion battery (included)
Item Weight	4.27 pounds

Package Dimensions	10.72 x 7.13 x 5.52 inches
Compatible Devices	Guitar, Bass
Connector Type	3.5mm Jack (Headphone), 6.35mm Jack (Instrument Input, Line Output)
Amp Models	55 (MNRS nonlinear modeling technology)
Effect Types	69 (Delay, Modulation, Reverb, Dynamic Processing)
Preset Slots	80
Looper Duration	60 seconds (synchronizable)
Drum Machine	60 grooves, 10 metronome variations

Warranty and Support

Specific warranty details are not provided in the product information. Please refer to the official MOOER website or contact your retailer for warranty information and customer support.
For further assistance, visit the official MOOER store:MOOER Store on Amazon

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