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› [MOOER](#) /

› [MOOER Hornet White 15W Digital Modeling Guitar Amplifier Instruction Manual](#)

MOOER Hornet

MOOER Hornet White 15W Digital Modeling Guitar Amplifier Instruction Manual

INTRODUCTION

Thank you for choosing the MOOER Hornet White 15W Digital Modeling Guitar Amplifier. This compact and versatile amplifier is designed to provide a wide range of tones for electric, acoustic, and bass guitars, making it ideal for practice and small-scale performances. It features 9 digital amp models, modulation, delay, and reverb effects, Bluetooth connectivity, and a high-precision tuner. Please read this manual thoroughly to ensure proper operation and to get the most out of your new amplifier.

IMPORTANT SAFETY INFORMATION

- **Power Supply:** Use only the provided DC18V 2000 mA center pin negative power supply. Using an incorrect adapter may cause damage or malfunction.
- **Water and Moisture:** Do not expose this unit to rain, moisture, or any liquids. Avoid placing objects filled with liquids on the unit.
- **Heat Sources:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Ventilation:** Ensure proper ventilation. Do not block any ventilation openings.
- **Cleaning:** Clean only with a dry cloth.
- **Servicing:** Do not attempt to service this unit yourself. Refer all servicing to qualified service personnel.

PACKAGE CONTENTS

- MOOER Hornet White 15W Digital Modeling Guitar Amplifier
- DC18V 2000 mA Power Adapter
- User Manual

CONTROLS AND FEATURES OVERVIEW

The MOOER Hornet White amplifier features an intuitive control panel designed for ease of use and quick tone adjustments.



- LED Screen
- Tuner
- Bluetooth
- Global Volum Control
- Live/Preset Mode
- 9 Preset Modes
- Mod/Delay/Revers

Image: Front panel of the MOOER Hornet White amplifier, showing input jack, LED screen, control knobs for Gain, Treble, Mid, Bass, Volume, Mod, Delay, Reverb, and buttons for Live/Preset, M.TAP, D.TAP, BT, and Tuner.

Front Panel Controls:

- **INPUT:** 1/4-inch instrument input jack.
- **LED Screen:** Displays current amp model, tuner information, and other settings.
- **GAIN:** Adjusts the input gain level.
- **TREBLE:** Adjusts the high-frequency response.
- **MID:** Adjusts the mid-range frequency response.
- **BASS:** Adjusts the low-frequency response.
- **VOLUME:** Adjusts the overall output volume.
- **LIVE/PRESET Button:** Toggles between Live mode (manual settings) and Preset mode (stored settings). Hold to store current settings as a preset.
- **MOD (Modulation) Knob:** Adjusts the intensity of modulation effects (Chorus, Phaser, Vibrato).
- **DELAY Knob:** Adjusts the intensity of delay effects (Analog, Digital, Echo).
- **REVERB Knob:** Adjusts the intensity of reverb effects (Room, Hall, Church).
- **M.TAP Button:** Tap tempo for modulation effects.
- **D.TAP Button:** Tap tempo for delay effects.
- **BT (Bluetooth) Button:** Activates Bluetooth pairing mode.
- **TUNER Button:** Activates the built-in tuner.
- **Amp Model Selector Dial:** Located on the top right, this dial selects between 9 different digital amp models.



Image: Close-up view of the amp model selector dial, showing various amp model names.

Rear Panel Connections:



Image: Rear panel of the MOOER Hornet White amplifier, showing the power input, power switch, AUX IN, and Headphone Output.

- **POWER Switch:** Turns the amplifier on or off.

- **DC IN 18V 2A:** Power adapter input.
- **AUX IN:** 3.5mm stereo input for connecting external audio devices.
- **HEADPHONE Output:** 3.5mm stereo output for silent practice.

SETUP

1. **Power Connection:** Connect the provided DC18V power adapter to the 'DC IN 18V 2A' jack on the rear panel of the amplifier. Plug the adapter into a suitable power outlet.
2. **Power On:** Flip the 'POWER' switch on the rear panel to the ON position. The LED screen and control lights will illuminate.
3. **Instrument Connection:** Connect your guitar, bass, or acoustic instrument to the 'INPUT' jack on the front panel using a standard 1/4-inch instrument cable.
4. **Volume Adjustment:** Before playing, ensure the 'VOLUME' knob is set to a low level to avoid sudden loud sounds.

OPERATING INSTRUCTIONS

1. Selecting Amp Models

The Hornet White amplifier offers 9 distinct digital amp models. Use the Amp Model Selector Dial on the top right of the front panel to choose your desired tone. The selected model will be displayed on the LED screen.



Image: Table showing the 9 amp models available on the Hornet White amplifier, including Clean 1, Clean 2, OD 1, OD 2, OD 3, Hi-Gain 1, Hi-Gain 2, Bass, and Acoustic, along with their inspirations.

2. Adjusting Tone (EQ and Gain)

Use the 'GAIN', 'TREBLE', 'MID', and 'BASS' knobs to fine-tune your sound. Experiment with different settings to achieve your preferred tone for each amp model.

3. Using Effects (Modulation, Delay, Reverb)

The amplifier includes built-in modulation, delay, and reverb effects. Adjust the 'MOD', 'DELAY', and 'REVERB' knobs to control the intensity of these effects. The specific effect type (e.g., Chorus, Analog Delay, Room Reverb) can be selected by pressing the corresponding M.TAP or D.TAP buttons repeatedly to cycle through options, or by holding them down for tap tempo functionality.

4. Saving and Recalling Presets

The Hornet White allows you to store and recall up to 9 presets.

- **To Save a Preset:** Adjust your desired amp model, EQ, gain, and effects settings. Press and hold the 'LIVE/PRESET' button until the LED screen flashes, indicating the preset has been saved to the currently selected slot.
- **To Recall a Preset:** In Preset mode (indicated by a blue light on the 'LIVE/PRESET' button), turn the Amp Model Selector Dial to choose one of the 9 preset slots. The amplifier will load the saved settings for that slot.
- **Live Mode:** Press the 'LIVE/PRESET' button briefly to switch to Live mode. In this mode, the amplifier responds directly to the physical knob positions.

5. Using the Tuner

Press the 'TUNER' button to activate the built-in high-precision tuner. The LED screen will display the note and tuning accuracy. Play a single string to tune your instrument. Press the 'TUNER' button again to exit tuner mode.



Image: Close-up of the amplifier's LED screen showing the tuner display, indicating a note being played and tuning status.

6. Bluetooth Connectivity

The Hornet White amplifier supports Bluetooth for connecting external audio devices (e.g., smartphone, tablet) to play along with backing tracks or music.

- **Pairing:** Press the 'BT' button to activate Bluetooth pairing mode. The BT indicator will flash. On your audio device, search for 'MOOER HORNET' in the Bluetooth settings and connect. Once paired, the BT indicator will glow solid blue.
- **Audio Playback:** Play audio from your connected device. The audio will play through the amplifier's

speaker.

7. AUX IN and Headphone Output

- **AUX IN:** Connect an external audio source (e.g., MP3 player) to the 'AUX IN' jack on the rear panel using a 3.5mm stereo cable.
- **Headphone Output:** For silent practice, connect headphones to the 'HEADPHONE' output jack on the rear panel. The main speaker output will be muted automatically.

AMP MODELS (HORNET WHITE)

#	Name	Tones Based On
1	CLEAN.1	FENDER '65 TWIN REVERB
2	CLEAN.2	MESA BOOGIE MARK III
3	OD.1	FENDER BLUES DELUXE
4	OD.2	MARSHALL PLEXI 100
5	OD.3	TWO ROCK CORAL
6	Hi-Gain.1	MARSHALL JCM900
7	Hi-Gain.2	MESA BOOGIE MARK III
8	Bass	AGUILAR DB 715
9	Acoustic	MOOER ACOUSTIC PREAMP

PRODUCT DEMONSTRATION

Video: Official MOOER demonstration of the Hornet White Digital Modeling Combo Amplifier, showcasing its features and sound capabilities.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the amplifier's exterior. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the amplifier in a cool, dry place away from direct sunlight and extreme temperatures.
- **Transportation:** When transporting the amplifier, ensure it is securely packed to prevent damage from impacts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from amplifier	Power not connected, instrument cable faulty, volume too low, headphones connected.	Check power connection, replace instrument cable, increase volume, disconnect headphones.

Problem	Possible Cause	Solution
Bluetooth not connecting	BT button not pressed, device out of range, interference.	Press BT button to activate pairing, ensure device is close, try re-pairing.
Distorted sound	Gain too high, faulty cable, speaker damage.	Reduce Gain, try a different cable, contact support if speaker is damaged.
Tuner not responding	Instrument not connected, noisy environment.	Ensure instrument is connected, try tuning in a quiet environment.

SPECIFICATIONS

Feature	Detail
Output Wattage	15 Watts
Speaker Size	6.5-inch custom speaker
Amp Models	9 Digital Amp Models
Effects	Modulation, Delay, Reverb
Presets	9 User Presets
Connectivity	Bluetooth, AUX IN
Outputs	Dedicated Headphone Output
Tuner	High-precision Tuner
Power Supply	DC18V 2000 mA (Center Pin Negative)
Dimensions	6.81 x 11.42 x 10.04 inches
Weight	7 pounds
Material	Plastic

WARRANTY AND SUPPORT

MOOER products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official MOOER website. Keep your purchase receipt as proof of purchase.