MOOER

Hornet 30 Watt Combo

Model:DH06(Hornet 30 Black)

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 which supplies 24V DC, ⊕—◎—⊖ , center negative. Unplug the AC power adapter when not in use or during electrical storms.

Connections

Always turn off the power of this and all other equipment before connecting or disconnecting, this will help prevent malfunction and / or damage to other devices. Also make sure to disconnect all connection cables and the power cord before moving this unit.

Cleaning

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

Interference with other electrical devices

Radios and televisions placed nearby may experience reception interference. Operate this unit at a suitable distance from radios and televisions.

Location

To avoid deformation, discoloration, or other serious damage, do not expose this unit to the following conditions:

- Direct sunlight
- Magnetic fields
- Excessive dusty or dirty location
- Strong vibrations or shocks
- Heat sources
- Extreme temperature or humidity
- High humidity or moisture

FCC certification

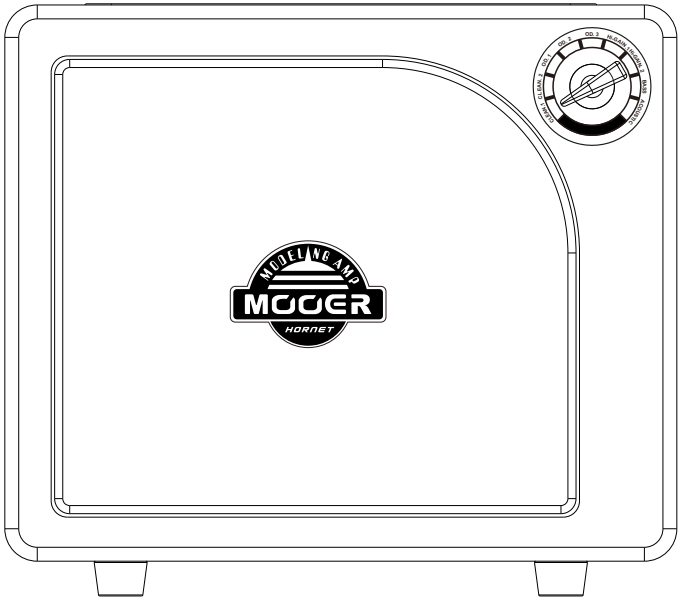
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

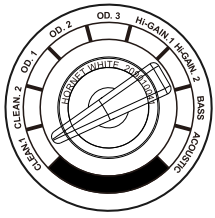
- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

MOOER HORNET

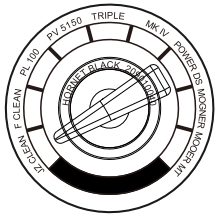
Congratulations on your purchase of the MOOER HORNET 30 watt digital modeling combo amplifier. We recommend reading this manual in full to see all of the features that your new Hornet has to offer. We hope you enjoy playing with your new HORNET from MOOER.

This manual applies to all MOOER Hornet series products.
The preamp section of each Hornet amp is different. Please refer to relevant information in the manual.





Hornet 30 White



Hornet 30 Black

The HORNET 30 is available in 2 different colors. Each version has a different set of 9 amp models which are accessible via the AMP MODEL control on the front of the amplifier. Here's a breakdown of the amp models in each version of the HORNET.

HORNET 30 WHITE		
Number	Name	Modeled and based on
1	Clean. 1	Based on FENDER 65 TWIN REVERB NORMAL CHANNEL
2	Clean. 2	Based on MESA BOOGIE MARK III CLEAN CHANNEL
3	OD. 1	Based on FENDER BLUES DELUXE OD CHANNEL
4	OD. 2	Based on MARSHALL PLEXI 100
5	OD. 3	Based on TWO ROCK CORAL OD CHANNEL
6	Hi-Gain. 1	Based on MARSHALL JCM900
7	Hi-Gain. 2	Based on MESA BOOGIE MARK III LEAD CHANNEL
8	Bass	Based on AGUILAR DB 715
9	Acoustic	Based on MOOER ACOUSTIC

*The mentioned manufacturer and product names are trademarks or registered trademarks of their respective owners, the trademarks were used merely to identify the sound character of this product.

HORNET 30 BLACK		
Number	Name	Modeled and based on
1	JZ CLEAN	Based on ROLAND Jc120
2	F.CLEAN	Based on FENDER TWIN REVERB
3	PL 100	Based on MARSHALL PLEXI LEAD 100
4	PV 5150	Based on BROWN SOUND
5	TRIPLE	Based on MESA TRIPLE RECTIFIER
6	MK IV	Based on MESA MK IV
7	POWER DS	Based on ENGL POWERBALL
8	MOGNER	Based on BOGNER UBERSCHALL
9	MOOER MT	Based on MOOER METAL

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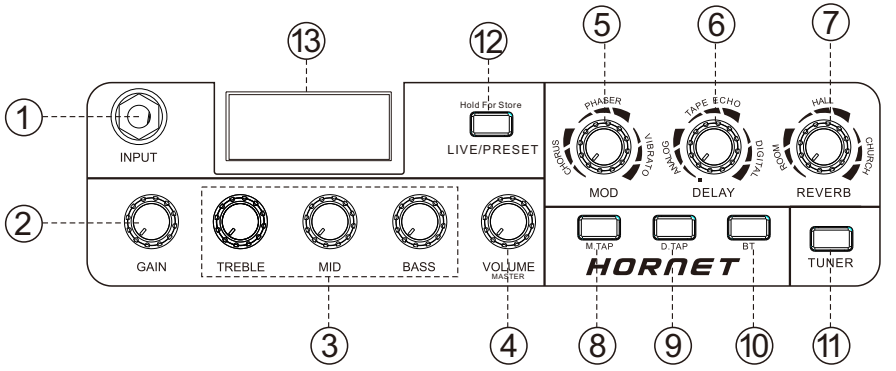
Main Features

- 9 high quality digital amp models based on popular guitar amplifiers
- Built in Modulation, Delay and Reverb effects with independent tap tempo for each 2 modes of operation (Live/Preset)
- Store and recall up to 9 presets
- Highly sensitive precision tuner
- Wireless BT connectivity and AUX IN for media playback
- Dedicated headphones output
- 8-inch custom speaker, 30W RMS

Top Panel Layout



01 INPUT
Connect instrument using a 1/4" jack cable.

02 GAIN
Adjusts the input gain of the amplifier.

03 TONE STACK
Stack treble mid bass three band eq.

04 VOLUME
Adjusts the output volume of the guitar amplifier and preset volume.

05 MOD
Rotate to select and adjust the modulation effects (CHORUS, PHASER, FLANGER).The DEPTH value of those effects could be adjusted.

06 DELAY
Rotate to select and adjust the delay effect type (ANALOG, TAPE ECHO, DIGITAL).The LEVEL and FEEDBACK of effects could be adjust simultaneously.

07 REVERB
Rotate to select and adjust the reverb effect type (ROOM, HALL, CHURCH). When this control is fully counter clockwise the reverb effects are not active.

08 M.TAP
Tap tempo control for MOD effects. Simply tap the button 2 or more times and the effect will synchronize to your tempo.

09 D.TAP
D.TAP Tap tempo control for DELAY effects. Simply tap the button 2 or more times and the effect will synchronize to your tempo.

10 BT
Press to toggle the BT wireless receiver on/off. (PAIRING CODE:0000).

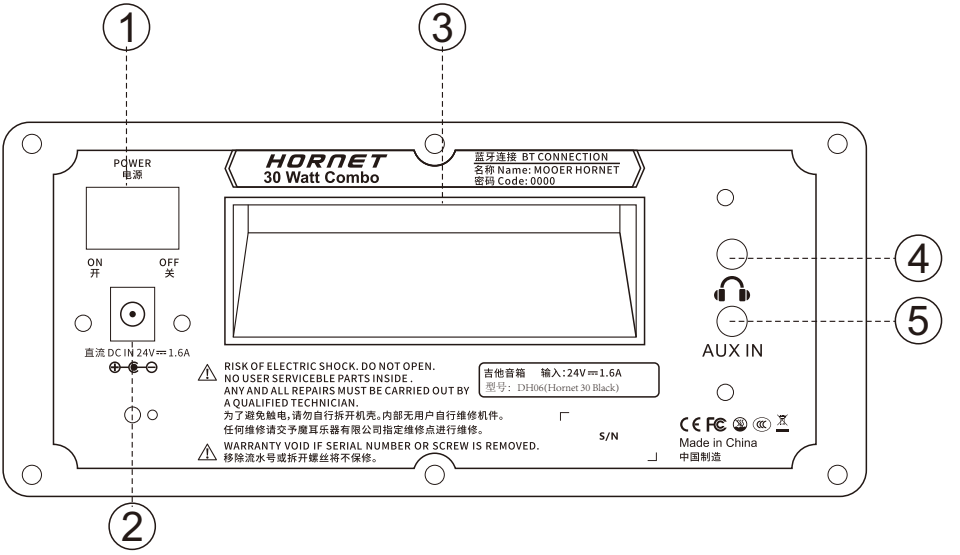
11 TUNER
Press once to toggle the guitar tuner on/off.
Hold to edit the global volume output of HORNET.

12 LIVE/PRESET
Press once to toggle between Live mode and Preset mode.
The button will illuminate when the amplifier is in Preset mode.
Hold to store current settings in the Amp model for preset mode.

13 LED SCREEN
Displays various information such as amp model, tuning functions, etc.

* **FACTORY RESET** Power on Hornet, press and hold the BT button, Hornetwill be booted to RESET mode as the LED button and screen blinks. Press LIVE/PRESET button to confirm reset. Press any other button to exit reset.

Back Panel Layout



01 POWER

Used to switch the Hornet on/off.

02 DC IN

Connect the included power supply.
DC 24V 1.6A centre pin negative.

03 Built-in carry handle

Suitable for transportation.

04 Headphone output

Standard 1/8" headphone jack socket for silent practice.

05 AUX IN

Connect an external device for audio playback using a standard 1/8" stereo jack cable.

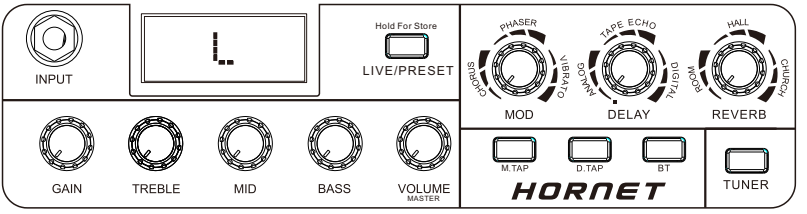
Modes and Saving

There are two modes of operation for the **HORNET**. Press the LIVE/PRESET button to toggle between these two modes. In both modes rotate the AMP MODEL control on the front of the **HORNET** to select a different amp model.

LIVE MODE

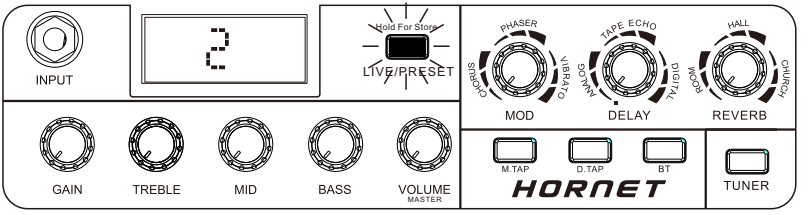
In live mode all parameters are depicted directly by their respective controls,like a traditional amplifier.

The **LED SCREEN** will display "L" and the LIVE/PRESET button will not be illuminated .



PRESET MODE

In Preset mode you can store your settings for each amp model. Each of the amp models will recall all parameter values which were previously stored when selected, regardless of the parameter controls physical positions. The LED SCREEN will display a number from 1-9 to indicate which amp model is currently selected and the LIVE/PRESET button will be illuminated.



SAVING AMP SETTINGS

To save settings for the currently selected amp model, hold the. **LIVE/PRESET** button for a couple of seconds after creating the tone you want. The **LED SCREEN** and the **LIVE/PRESET** button will flash 4 times to confirm the settings have been saved. Next time you select that amp model whilst in **"PRESET MODE"** the settings will be recalled. You can store settings for the amp models preset whilst in either of the operation modes.

GLOBAL VOLUME CONTROL

Hornet has the added feature of a Global volume control. This will adjust the overall output of Hornet and will affect the guitar, presets and audio playback from external devices.

Hold the **TUNER** button for several seconds until it begins to flash. The **LED SCREEN** will display a number between 1 and 9. Rotate the **VOLUME** control to adjust this parameter.
By default this will be set at full volume (9) from the factory.

Wireless BT Connection

- Press the space BT button to switch on BT connectivity.
- Ensure that the BT is active on the device you wish to pair with the Hornet and that your device is discoverable.
- Search in available devices for "MOOER HORNET" select connect on your device to pair it with your Hornet amplifier. If it requests a . password, enter "0000".
- Once paired you can now playback music wirelessly via you Hornet amplifier.

Technical Parameters

Inputs:	1/4" instrument signal input interface (impedance 1M) 3.5MM AUX IN audio interface (impedance 10K)
Output:	3.5MM headphone stereo audio interface (impedance 47 ohms)
Sampling rate:	48K
Sampling accuracy:	32bit
Power supply:	DC 24V 1.67A ⊕-◉-⊖
Size:	340 (w) x188 (D) x 280mm (H)
Speaker:	8" impedance of 8 ohms
Rated power:	30W
Weight:	4kg
Accessories:	User Manual、adapter

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

MOOER

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