MOOER

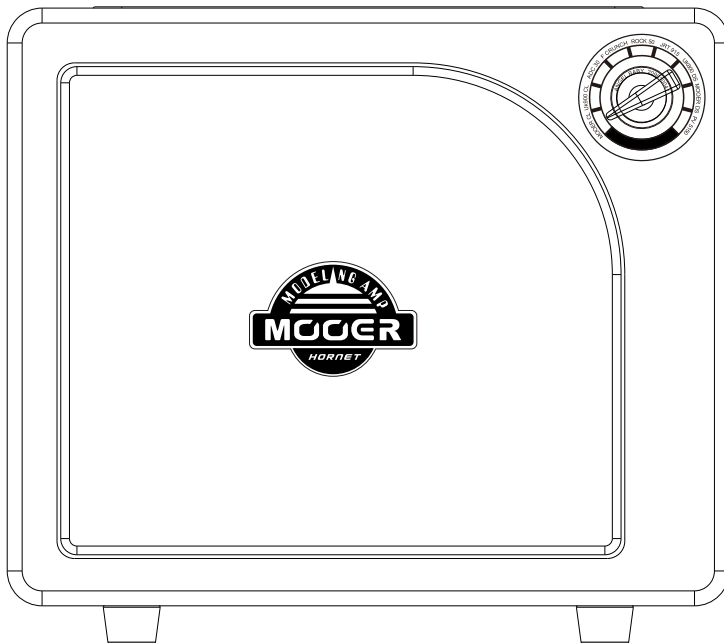## HORNET SERIES

15 Watt Combo

Owner's Manual

MOOER HORNET

Congratulations on your purchase of the MOOER HORNET 15 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.

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 18V DC(±5%), ⊕—◎—⊖ , 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
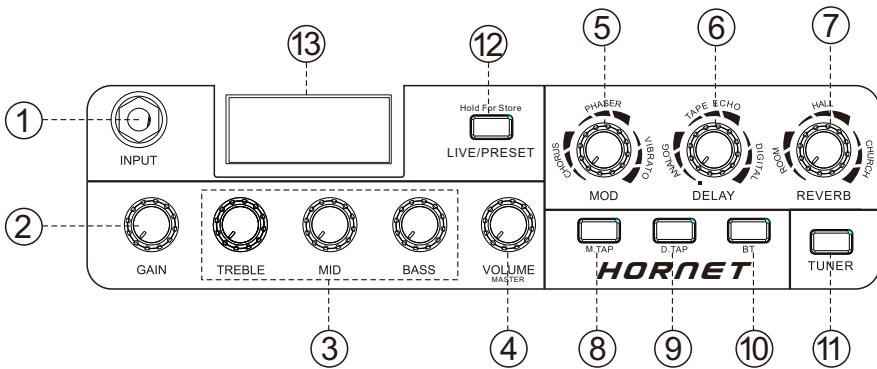- High humidity or moisture

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.

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 connecting external devices for media playback
- Dedicated headphones output
- 6.5-inch custom speaker
- 15W RMS
- DC18V 2000mA centre pin negative

Top Panel Layout

01 INPUT
Connect instrument using a 1/4" jack cable
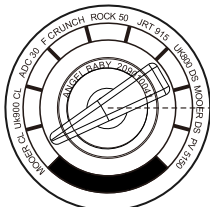
02 GAIN
Adjusts the input gain of the amplifier

03 TONE STACK
TREBLE - adjusts the high frequencies

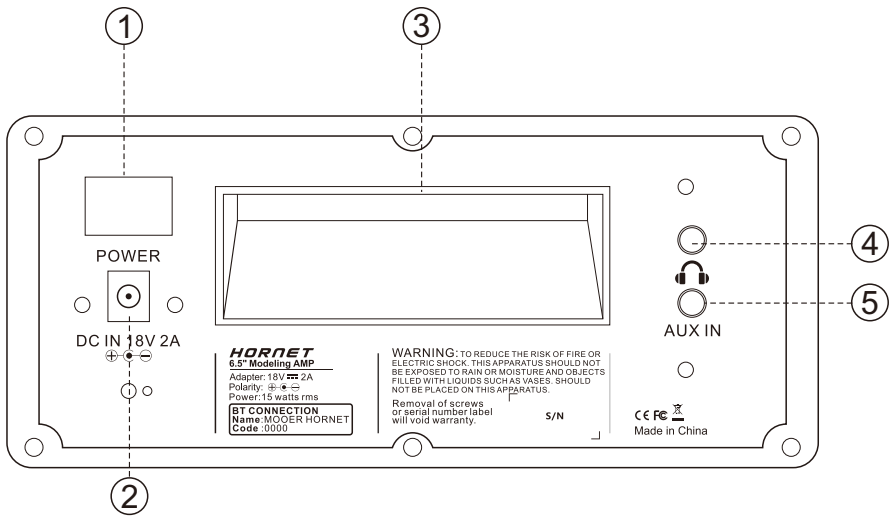MID - adjusts the middle frequencies

BASS - adjusts the low frequencies

04 VOLUME
Adjusts the output volume of the guitar amplifier and preset volume
(this does not affect the volume of audio playback from the AUX IN
or Bluetooth inputs).

05 MOD
Rotate to select and adjust the modulation effects (CHORUS, PHASER,
FLANGER).When this control is fully counter clockwise the Modulation
effects are not active

06 DELAY
Rotate to select and adjust the delay effect type (ANALOG, TAPE ECHO,
DIGITAL).When this control is fully counter clockwise the delay effects
are not active

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
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

11 TUNER
Press once to toggle the guitar tuner on/off.
Hold to edit the global volume output of HORNET.(Page6)

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.(Page5)

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

14 AMP MODEL
Rotate this knob to select a different amp model.

Back Panel Layout

01 POWER

Used to switch the Hornet on/off

02 DC IN

Connect the included power supply.

DC 18V 2A centre pin negative

03 Built-in carry handle

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
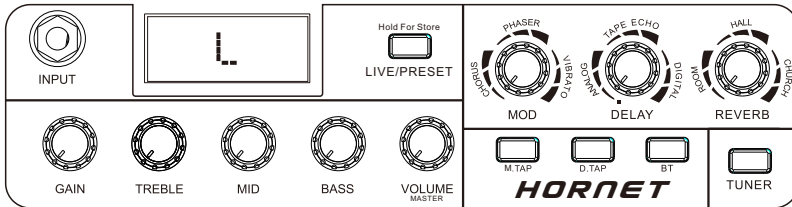1/8" stereo jack cable

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.
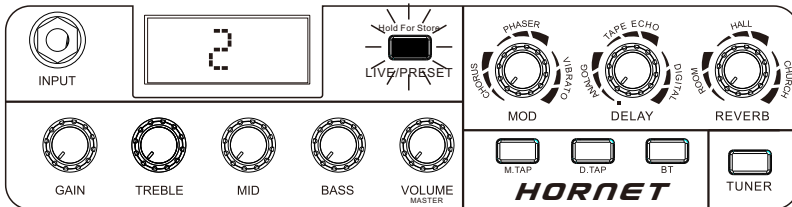
LIVE MODE

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

The HORNET 15 is available in 5 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 RED		
Number	Name	Modeled and based on
1	Uk900 CL	MARSHALL JCM 900 CLEAN
2	MATCH30	MATCHLESS DC30
3	F.CRUNCH	FENDER DELUXE REVERB
4	Uk30	VOX AC30
5	PL 100	MARSHALL PLEXI LEAD 100
6	SLO100	SOLDANO SLO100
7	ROCK 50	ORANGE ROCKERVERB 50
8	JRT915	DIVIDED BY 13 JRT 9/15
9	PV 5150	BROWN SOUND

*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 BLACK		
Number	Name	Modeled and based on
1	JZ CLEAN	ROLAND JC120
2	F.CLEAN	FENDER TWIN REVERB
3	PL 100	MARSHALL PLEXI LEAD 100
4	PV 5150	BROWN SOUND
5	TRIPLE	MESA TRIPLE RECTIFIER
6	MK IV	MESA MK IV
7	POWER DS	ENGL POWERBALL
8	MOGNER	BOGNER UBERSCHALL
9	MOOER MT	MOOER METAL

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HORNET WHITE		
Number	Name	Modeled and based on
1	MOOER CL	MOOER CLASS A
2	Uk900 CL	MARSHALL JCM 900 CLEAN
3	ADC30	ORANGE AD30
4	F.CRUNCH	FENDER DELUXE REVERB
5	ROCK 50	ORANGE ROCKERVERB 50
6	JRT915	DIVIDED BY 13 JRT 9/15
7	Uk800 DS	MARSHALL JCM 800 DIST
8	MOOER RC	MOOER ROCK
9	PV 5150	BROWN SOUND

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HORNET GREEN		
Number	Name	Modeled and based on
1	BSM 59	FENDER BASSMAN
2	Uk800 CL	MARSHALL JCM 800 CLEAN
3	Uk900 CL	MARSHALL JCM 900 CLEAN
4	ADC30	ORANGE AD30
5	F.CRUNCH	FENDER DELUXE REVERB
6	UK-J45	MARSHALL JTM- 45
7	MOOER RC	MOOER ROCK
8	POWER DS	ENGL POWERBALL
9	ROCK 50	ORANGE ROCKERVERB 50

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HORNET BLUE		
Number	Name	Modeled and based on
1	F.CLEAN	FENDER TWIN REVERB
2	BSM 59	FENDER BASSMAN
3	Uk800 CL	MARSHALL JCM 800 CLEAN
4	ADC30	ORANGE AD30
5	MOOER CR	MOOER CRUNCH
6	Uk800 DS	MARSHALL JCM 800 DIST
7	UK-J45	MARSHALL JTM- 45
8	MK IV	MESA MK IV
9	POWER DS	ENGL POWERBALL

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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 18V ≥ 2000mA Power adapter (internal negative external)

Size: 290mm (D) x 173 (W) x 255mm (H)
Speaker: 6.5" impedance of 4 ohms
Rated power: 15W
Peak power: 20W
Weight: 2.9kg
Accessories: User Manual、Power supply

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