

MOOER

HORNET15i/30i

Watt Combo

User 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 18V (15i) / 24V (30i) (+/- 15%), center negative, 2000 mA current draw. Unplug the 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 electric 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 device to any of the following conditions:

- direct sunlight
- extreme temperature or humidity
- excessively dusty or dirty locations
- magnetic fields
- high humidity or moisture
- strong vibrations or shocks

Cleaning

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

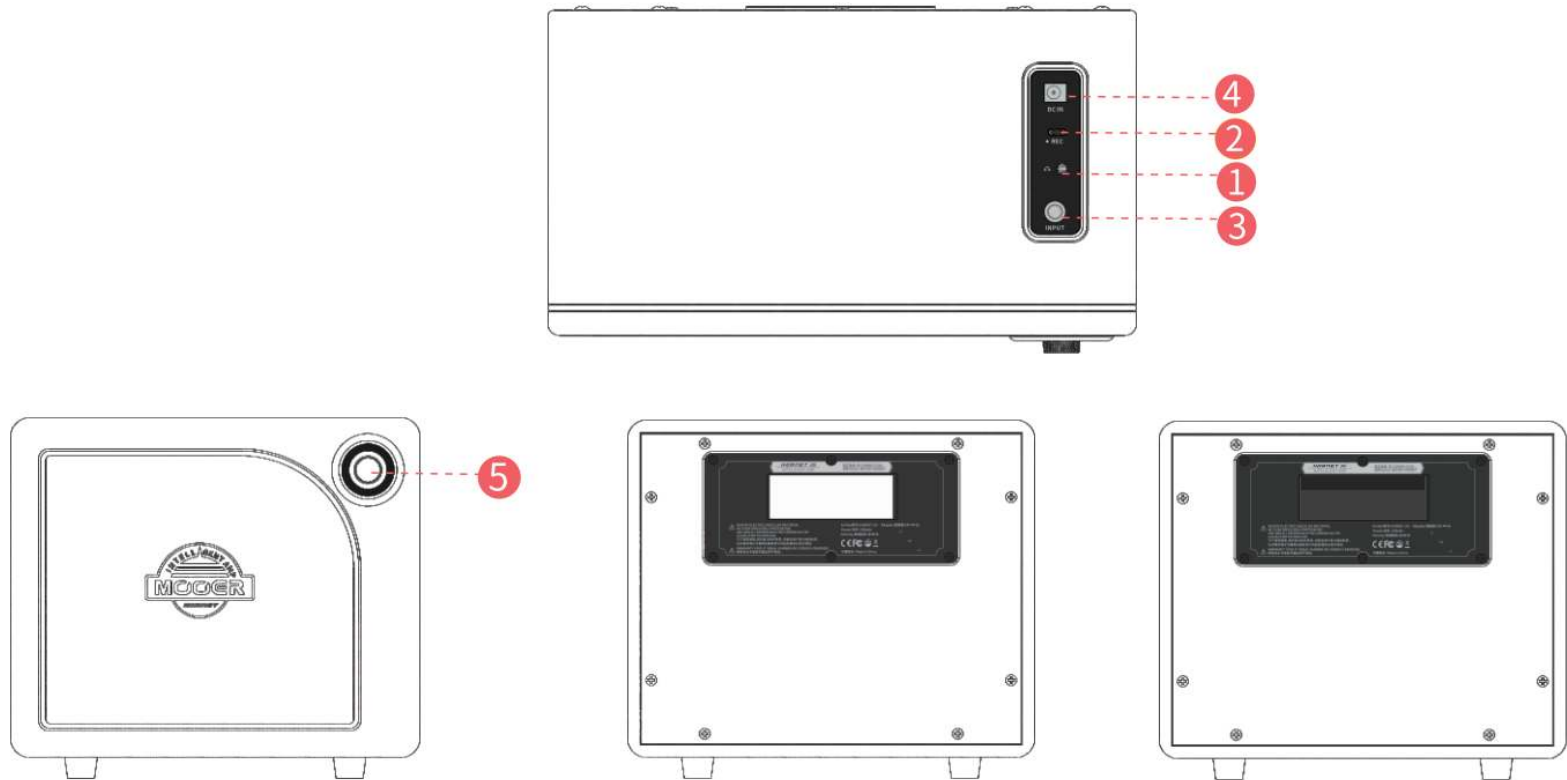
Operation

- Please do not use excessive force to operate knob and switches.
- Please do not let paper scraps, metal debris or other items fall into the unit.
- Please do not drop the unit, and avoid heavy blows.
- Please do not modify the unit without authorization.
- Should repairs be required, please contact the MOOER support team for more information.

FEATURES

- Digital modelling amplifier based on the MOOER intelligent AMP system.
- 52 amp models created with MNRS technology, 49 classic and experimental effects.
- 15-watt amplifier with 6.5 inch loudspeaker (Hornet 15i) / 30-watt amplifier with 8 inch loudspeaker (Hornet 30i).
- 40 drum machine varieties and 10 metronomes.
- 80-second looper that can sync with the drum machine.
- Comes with tuner for tuning your instrument easily.
- Specialized MOOER iAMP App for complete effects editing, firmware updates, and the ability to upload/download tones from MOOER Cloud.
- Support for wireless footswitch control.
- Bluetooth 5.0 high quality audio input for audio playback or practice.
- USB-C port for high-quality audio recording and playback.

LAYOUT



1. **Headphone jack:** Connect to the headphone for silent practice and connecting to external speaker.
2. **OTG port:** For audio playback and direct recording.
3. **INPUT:** 6.35mm guitar input jack.
4. **Power jack:** For power supply
5. **Super Knob:** Turn On/Off the device, press to switch between different preset patches, rotate to adjust the volume level.

QUICK START

1. Power On

When the amplifier is Off, rotate the Super Knob until “Click” and the LED will illuminate for On.

2. Switching preset

Press the Super Knob to switch between 4 preset patches in the current selected preset bank. The LED will change color for different patches.

3. Volume level adjustment

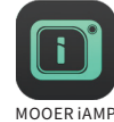
Rotate the Super Knob clockwise to turn up the volume level; rotate the Super Knob anticlockwise to turn down the volume level.



HORNET APP

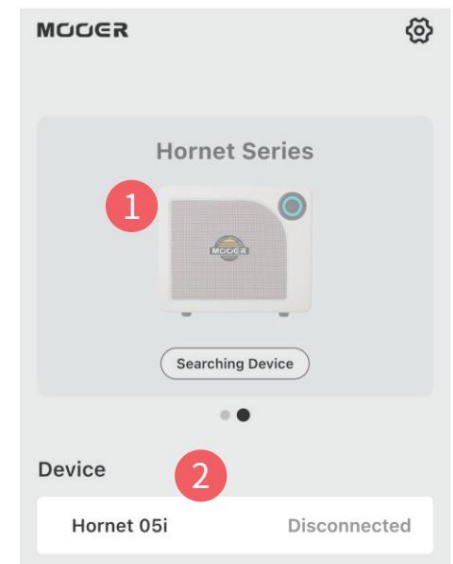
Download:

The Android users can access the MOOER official website for download (www.moeraudio.com) or utilize the Google Play store, search for MOOER iAMP for download. iOS or iPad OS users can access Appstore, search for MOOER iAMP for download.



Open the App to enter the home page of the App. There are couples of modules in the home page.

1. Select your device: Select your amplifier model by click on it.
2. Select Hornet Series. Then click on the Bluetooth icon.
3. Search for the device and confirm connecting. (Hornet 15i)



1. Side menu

Click on the icon at the top-left corner to open the side menu.

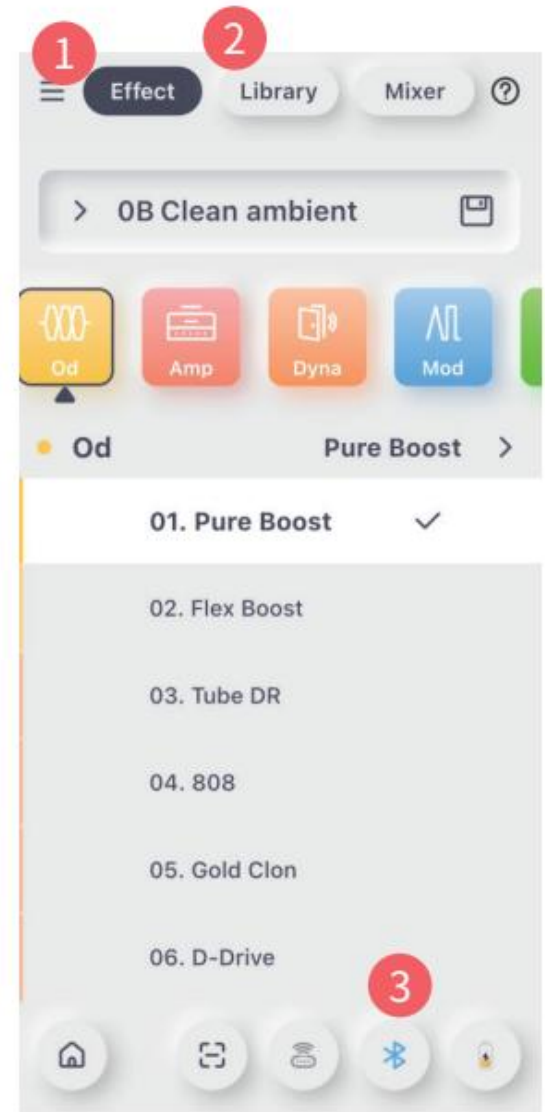


2. Function page icon:

Click on switch to different function page: Effect Chain, Preset Bank, Mixer. Click on the “?” for help.

3. Bluetooth:

Click to connect/disconnect Hornet 15i with the App.



EFFECT CHAIN

1. Preset patch area:

Show the name of the current selected preset patch, click to open the preset list for selection.

2. Save icon:

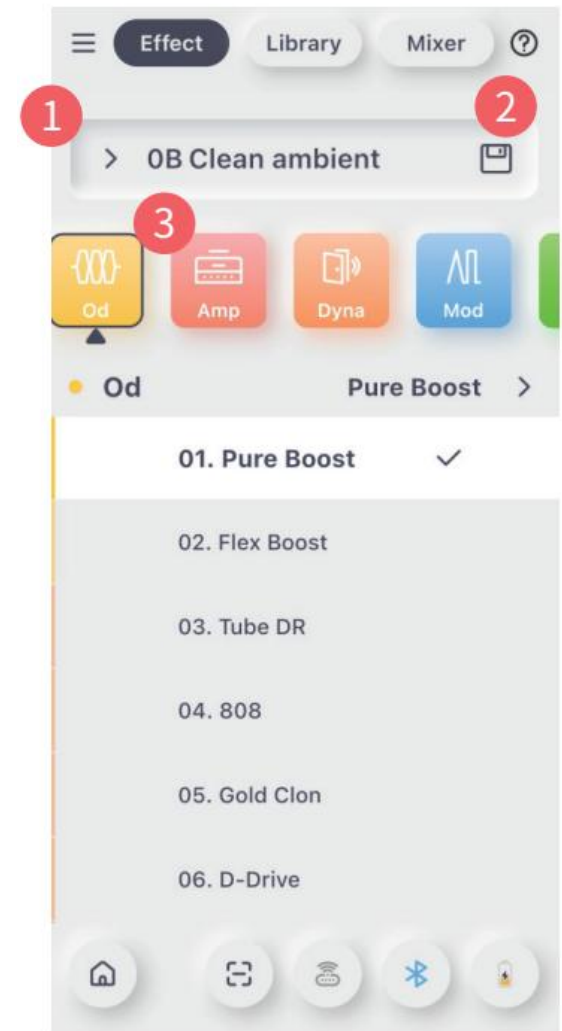
Click to save the current selected preset to target slot.

3. Effect chain:

There are 6 different modules in the effect chain.

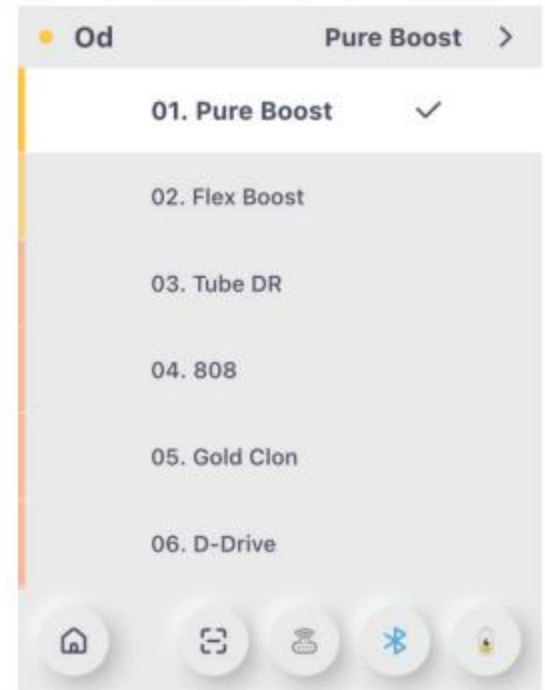


Click on a module to select it. Click on it again to turn On/Off the module. The color of the module will show the On/Off status (Chromatic for On; Grey for Off) . Slide on the effect chain to check out the effect chain completely.



Effect list menu:

Show the current select effect type and the effect name.
Click to open the effect list for selecting.



Parameters:

The parameter adjustment area is listed below the effect list are.
Slide to left/right on the parameter bars to adjust the tone.



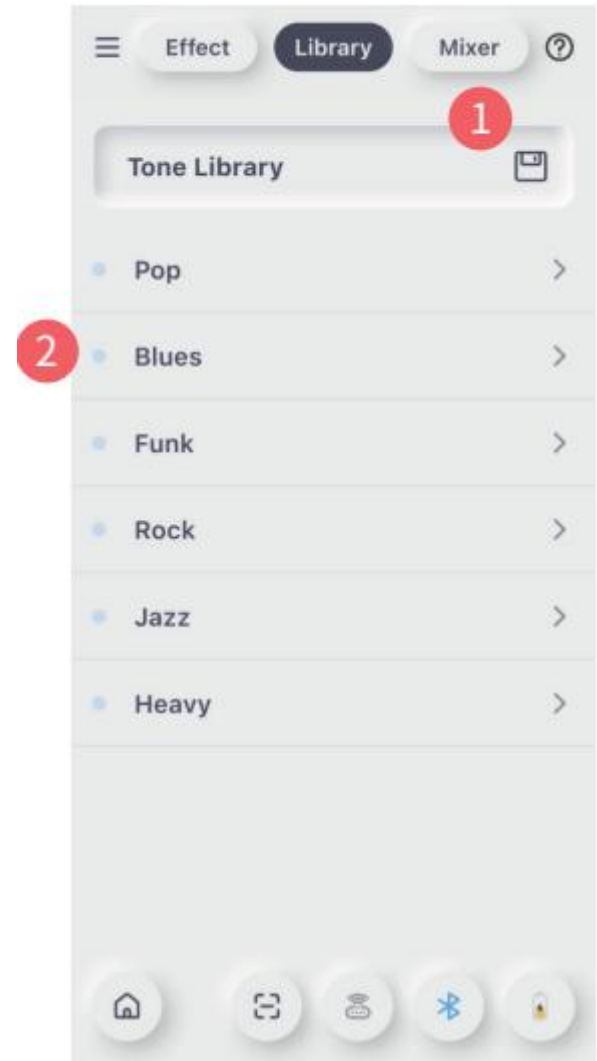
PRESET BANK

1. Save icon:

Click to save the current selected preset to target slot. 

2. Music style:

The preset bank includes the music style of POP, BLUES, FUNK, JAZZ, ROCK, HEAVY etc., The user can access the preset quickly according to the music style. Click on the style menu to open the preset list of the selected style, click on a preset to have a try of it.



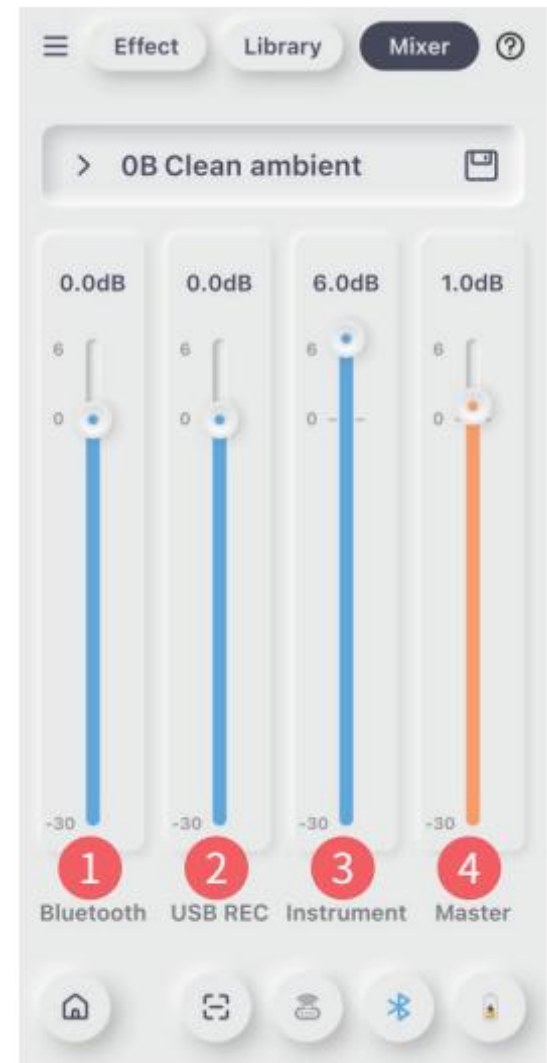
MIXER

Mixer:

The user can manage the input/output level of different channels.

1. Bluetooth audio
2. USB recording audio
3. Instrument signal
4. Master output signal

Slide up/down to adjust the level of each channel.

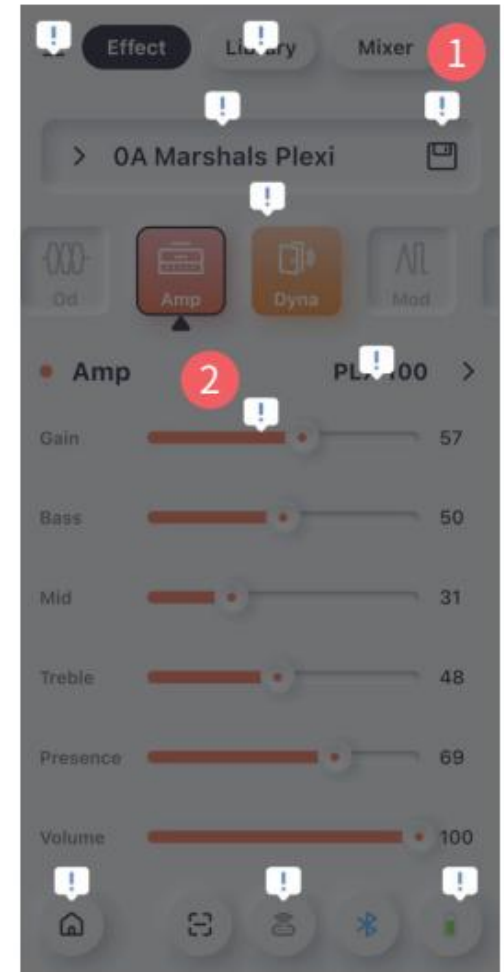


HELP

1. Enter/quit HELP:

Click on the “?” at the top-right corner to open the HELP menu.
Then click on the “X” to quit the HELP page.

2. HELP point: Click on the “!” to check out the description/explanation of the target area.
Then click on the blank area to turn Off the description/explanation page.



SIDE MENU

Side menu:

Click on the top-left side to open the side menu.

1. Upload:

The user can utilize this function to upload the preset to Cloud.

2. Cloud:

The user can download the tone from Cloud.

3. Setting:

Set up the function of Hornet 15i.

4. Output mode:

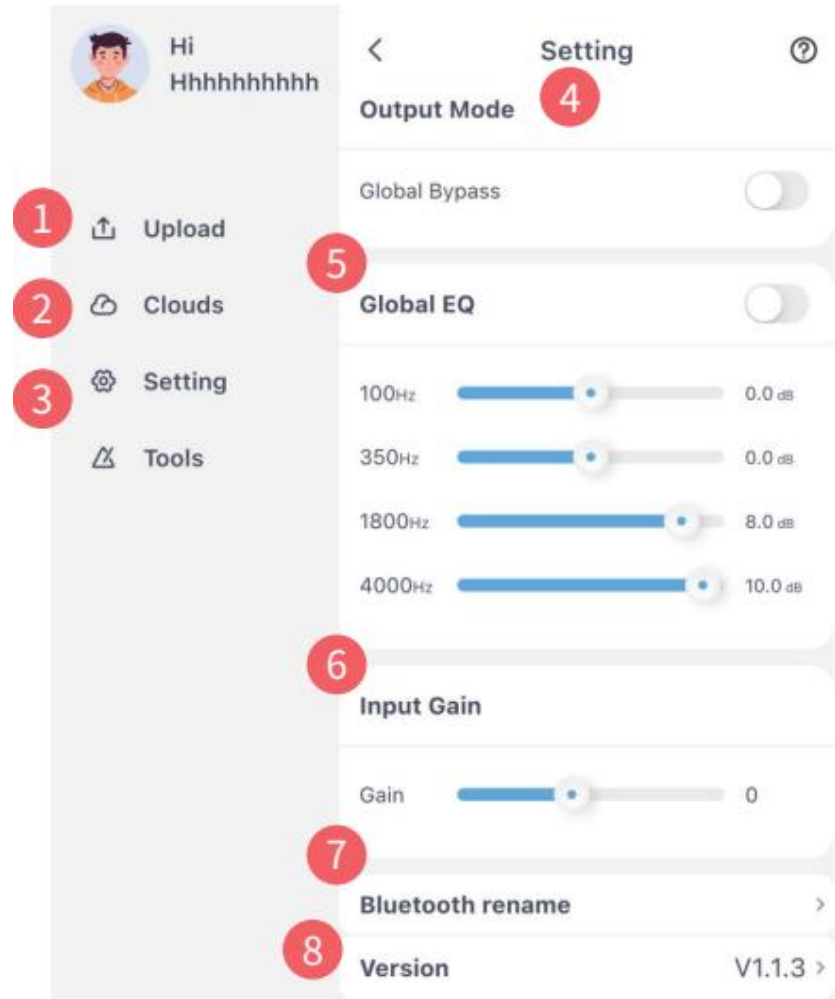
Click to set up the output mode automatically.

5. Global EQ:

Click on turn On the global EQ. The user can adjust the global EQ for different situation quickly.

6. Input Gain:

Click to adjust the input gain of the instrument input, to get best tone experience with the Hornet 15i.



7. Bluetooth rename:

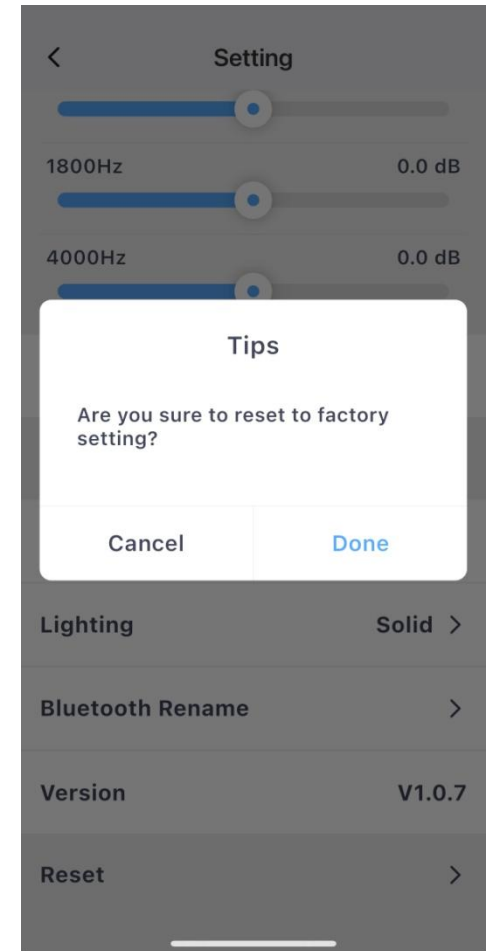
Click to change the Bluetooth name of Hornet 15i.

8. Firmware version and reset to factory settings:

The version name is displayed in this area. You can click to check out the detailed information.

You will also find an option for resetting the device to the factory settings.

Should you experience any problems with your device, please try resetting it to factory settings first, before you contact customer service.



Tools:

Hornet 15i has some integrated tools for practice. The user can check them out on the App.

1. Metronome:

Click on the icon to enter the metronome page.



2. BPM:

Click on the arrow icon to adjust the playing speed of the metronome.



3. Metro:

Click on the icon to select the rhythm type.



4. TAP:

Tap tempo function. Click on it for multi-time to set up the speed of metronome.

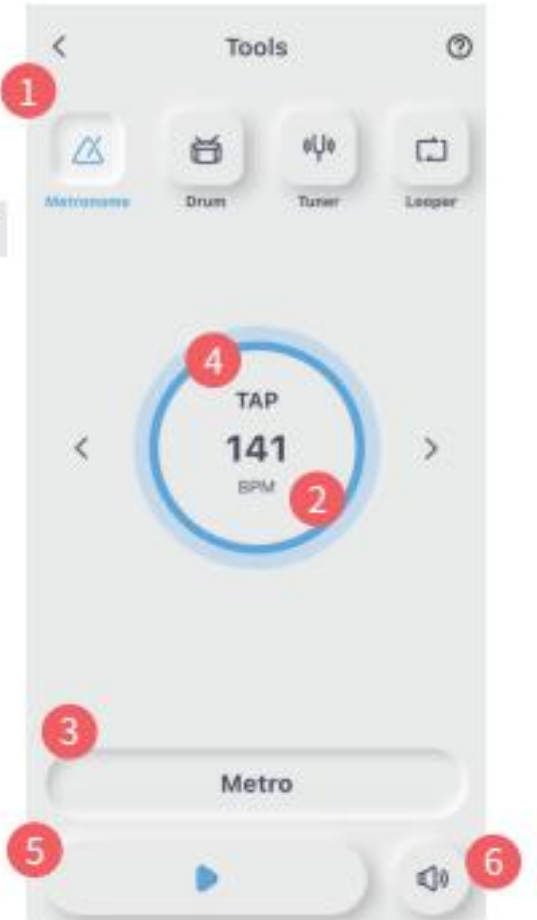
5. Play:

Click on the icon to play/stop the metronome.



6. Volume:

Click on the icon to set up the volume level of the metronome.



1. Drum machine:

Click on the icon to enter the drum machine page.



2. BPM:

Click on the arrow icon to adjust the playing speed of the drum machine.



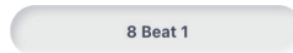
3. Sync:

When it is Off, the drum machine and the looper work separately.

When it is On, the drum machine will sync with the looper. When the drum machine is play, it will have a 4 beats count-in, then the drum machine will start as soon as the looper start to record. The PLAY/STOP of drum machine will affect the looper.

4. 8 beat 1:

Click on the icon to select the rhythm type.



5. TAP:

Tap tempo function. Click on it for multi-time to set up the speed of metronome.

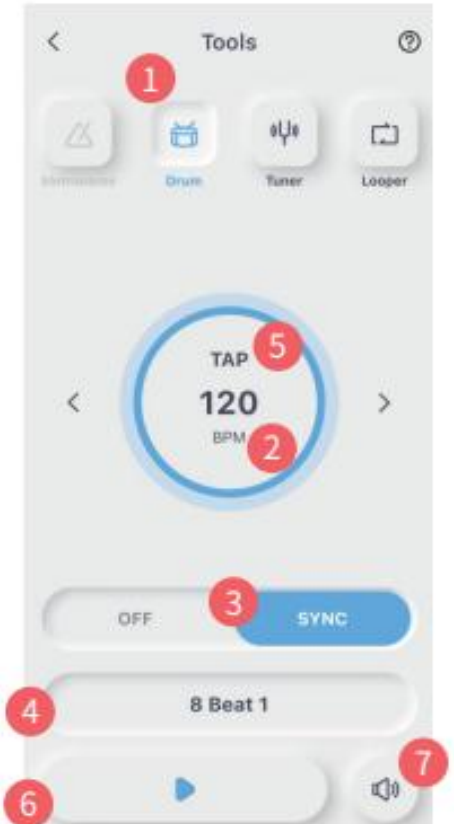
6. Play:

Click on the icon to play/stop the metronome.



7. Volume:

Click on the icon to set up the volume level of the metronome.



TUNER

1. Tuner:

Click on the tuner icon to open the tuner page.

Calibration: Play a note, then the name of the note will be shown on the tuner page. The left side is flat, the right side is sharp.



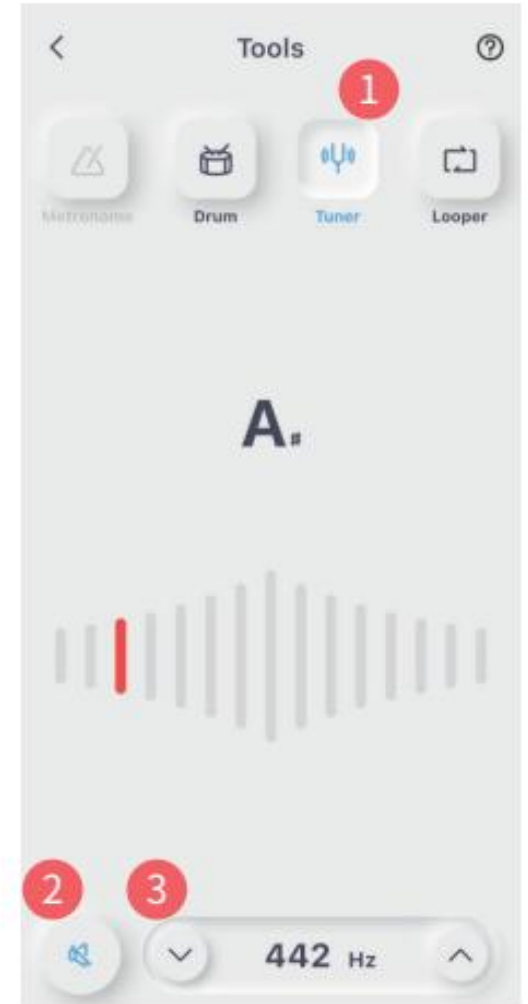
2. Mute:

Click on the speaker icon to set the tuner to mute or bypass mode.



3. Tuning frequency:

Click on the up/down arrow to adjust the frequency ranges from 435Hz to 445Hz.



LOOPER

1. Looper:

Click on the looper icon to enter the looper page.



2. Time:

Shows the recording time of looper

3. Volume:

Drag the bar to adjust the volume level of recording.



4. REC:

Click to set the looper to standby mode, when the first note is detected, the looper will start to recording automatically.



5. PLAY:

Click to start playing the recorded track from the beginning.



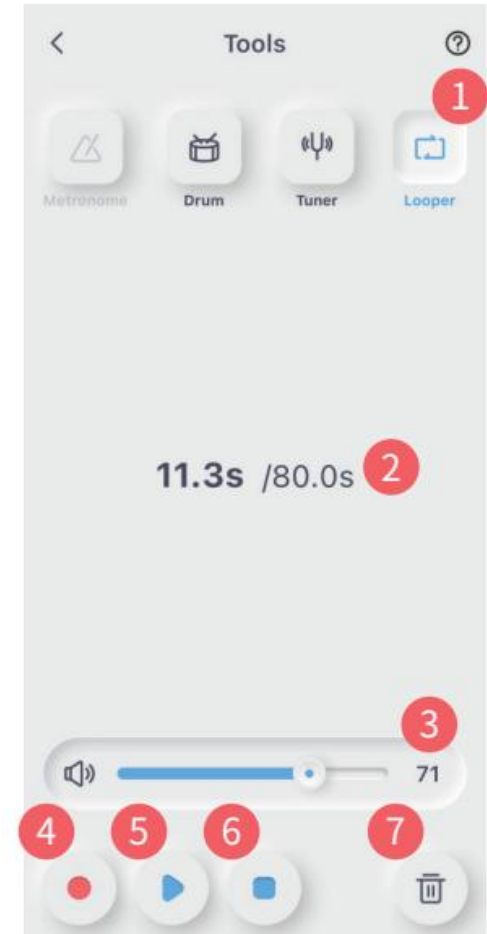
6. PAUSE:

Click to stop recording or stop playing the audio track.



7. DELETE:

Click to delete the recorded audio file.



SPECIFICATIONS

Rated power: 15-watt / 30 watt class D amplifier

Mono/Stereo: Mono

Speaker: 1 x 6.5 inch / 1/8 inch customized full-range flat-response speaker

Frequency Range: 20 Hz - 20 kHz

Num. of effects: 52 amp models, 49 effects (dynamic/distortion/modulation/reverb)

Looper: 80-second stereo looper

Wireless footswitch: supported

Charging requirements: 18 V 2.0 A / 24 V 1.67 A

Bluetooth: Bluetooth audio playback and App control

USB digital audio: OTG audio recording, OTG audio playback

Input jack: 1/4" audio input jack, 2.2 Meg ohm

Headphone: 1/8" audio jack, 32 Ohm

Dimensions: 290 mm (D) x 173 mm (W) x 255 mm (H) / 340 mm (D) x 198 mm (W) x 295 mm (H)

Weight: 3 kg / 4.6 kg

Accessories: Power supply, quick guide

TROUBLESHOOTING

Should you experience any problems with your device, please try resetting it to factory settings first, before you contact customer service. See "Reset" in the Side Menu of the iAmp app.

MOOER

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