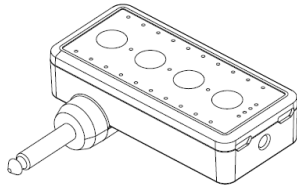


USER MANUAL



H8 Multi-Effects Headphone Guitar Amplifiers

H8 Multi-Effects Headphone Guitar Amplifiers

Thank you for purchasing the H8 headphone guitar amplifiers. H8 is a comprehensive guitar effects with multiple functions. H8 has 10 factory presets, users can edit the presets to overlay storage, and the operation method is simple and intuitive. The extremely small body contains a wealth of effect energy, and has a very good performance in timbre effects! H8 also has a built-in power supply battery, which can be used continuously for 5 hours when fully charged. The H8 is designed for 3.5 headphone output, which is not bothersome and very convenient to use. H8 contains 10 classic PREAMP, two commonly used modulation effects CHORUS&PHASER, a TAPE ECHO effect, a HALL REVERB effect, 10 classic IR cabinet simulations, and a high precision TUNER. In addition, H8 also has high-quality mobile phone recording, wireless music playback and other functions in one. H8 is small in size, good in performance, easy to carry, and excellent in tone. It is your good guitar companion!

Power Supply:
 ■ This machine is equipped with a built-in battery for power supply, which can last for 5 hours when fully charged. After the battery is consumed due to use, please use the USB 2.0 cable that comes with the machine to connect the charging port of the machine (please refer to the third item title ③) to a charger below 6V (similar to a mobile phone charger) for charging, this device supports fast charging.
 ■ You can directly use the mobile phone power bank to directly supply power to the device, and the device supports charging/power synchronization.
 ■ The charging time of this device depends on the output power of the charging transformer. Taking a charging head with an output power of DC 5.0V/2.0A as an example, it can be charged when the built-in battery of this device is exhausted. Generally, it can be fully charged in 2 hours.

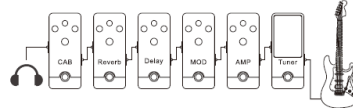
Precautions:
 ■ In the process of using this product, if the system freezes or indirectly fails, please keep pressing the On/Off button for 10 seconds and then release it. This operation is a forced restart of the device.

Connection reminder:
 When the effector is connected to headphones, power amplifier equipment or disconnected, please be sure to turn off the power and other equipment, which will help prevent equipment failure and damage to other equipment.

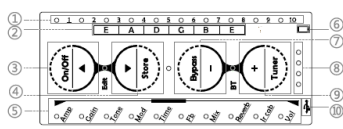
Placement:
 In order to prevent deformation, discoloration and other damage to the product, please avoid the following situations:
 ■ Direct sunlight ■ High humidity
 ■ High temperature and humidity ■ Strong vibration or shaking
 ■ Dust or dirty place

I. H8's effect module link

■ Guitar Input—Tuner—Amp Simulation—Chorus/Phase Shift Effect—Delay Effect—Reverb Effect—CAB Simulation—Output to the headphone.



II. H8 panel function diagram

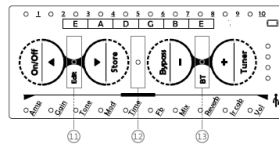


- ① Effect parameter prompt light: In the PRESET mode, it is the presets position display. If you change the master volume, it will display the volume a few seconds. In the EDIT mode it is the effect parameter display.
- ② Guitar tuning note name table: In order from right to left, the far right is the guitar 1 string note name, and the far left is the guitar 6 string note name.
- ③ On/Off button: (long press) On/Off button. In PRESET mode (short press) to switch the previous preset. In the EDIT mode (short press), select the effect module for scrolling up.
- ④ Store button: (long press) Preset store button. In PRESET mode (short press) to switch to the next preset. In the EDIT mode (short press), select the effect module for scrolling down.
- ⑤ Effect module indicator: In PRESET mode, it indicates the effect module link. In the EDIT mode, it prompts the currently selected effect module. In TUNER mode, it functions as a tuning table.
- ⑥ Mobile phone internal recording interface icon: can be connected to a phone for "internal recording".
- ⑦ Bypass button: (long press) Enter the bypass function. In PRESET mode (short press) to reduce the master volume. In EDIT mode

(short press) to reduce the effect module parameters.
 ⑧ Charging indicator light: It lights up when charging, and automatically goes out to stop charging when fully charged.

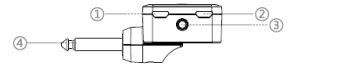
⑨ Tuner button: (long press) Enter the tuner mode, in PRESET mode (short press) to increase the master volume. In EDIT mode (short press) to increase the effect module parameters.

⑩ USB icon: Can be used for charging, connecting to a computer as a sound card and loading third-party IR files.



- ⑪ Edit indicator: It is off in the PRESET mode, and it is light in the EDIT mode.
- ⑫ Bypass/Tuner indicator: It lights up blue in Bypass mode, red in Tuner mode, and off in other modes.
- ⑬ BT indicator light: Wireless music link indicator light. This indicator light flashes slowly when the wireless device is not connected. After the wireless device is connected, the light turns to a steady state. It is off when the wireless function is turned off.

III. Audio, Data interface function illustrated

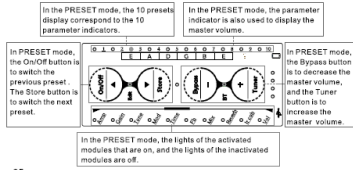


- ① USB 2.0 data line socket/charging socket.
- ② The recording data line socket in the mobile phone.
- ③ 1/8 headphone output jack.
- ④ 1/4 audio plug.

IV. PRESET and EDIT mode

H8 has two operating modes, EDIT is the real-time editing mode, and PRESET is the preset mode. Initially, it enters the PRESET preset mode by default. Press the On/Off and Store combination buttons at the same time to switch between EDIT and PRESET modes.

A. PRESET Mode



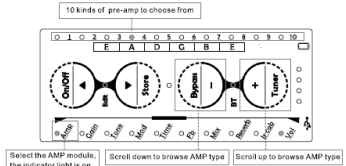
- H8 defaults to the PRESET mode when it is initially turned on. You can switch and browse presets by short pressing the On/Off (previous) and Store button (next).
- In PRESET mode, short pressing the Bypass- button to decrease the master volume, short pressing the Tuner+ button to increase the master volume.
- In the PRESET mode, the parameter indicator is used as a reminder to show the preset position and output volume.
- In the effect module chain of the preset, the indicators of the modules that are not activated are off, and the indicators of the effect modules that have been activated are on.
- H8 effector presets 10 commonly used factory presets for users. The picture below shows the parameter table of H8 presets:

| Tone number | Tone name | AMP | GAIN | TONE | MOD | TIME | FB | MIX | REVERB | IR | CAB | VOL |
|-------------|------------|-----|------|------|-----|------|----|-----|--------|----|-----|-----|
| 1 | Clean | 3 | 8 | 6 | 5 | 6 | 5 | 2 | 4 | 7 | 10 | 10 |
| 2 | Clean | 2 | 10 | 8 | 0 | 0 | 0 | 0 | 6 | 10 | 6 | 6 |
| 3 | Clean | 3 | 5 | 8 | 6 | 7 | 3 | 3 | 4 | 5 | 10 | 10 |
| 4 | Overdrive | 4 | 2 | 7 | 0 | 8 | 3 | 4 | 2 | 1 | 5 | 5 |
| 5 | Overdrive | 5 | 10 | 7 | 3 | 9 | 5 | 3 | 6 | 9 | 10 | 10 |
| 6 | Overdrive | 6 | 5 | 8 | 0 | 8 | 5 | 2 | 3 | 4 | 9 | 9 |
| 7 | Distortion | 7 | 9 | 8 | 0 | 0 | 0 | 0 | 3 | 3 | 6 | 6 |
| 8 | Distortion | 8 | 4 | 7 | 0 | 9 | 5 | 2 | 2 | 5 | 8 | 8 |
| 9 | Distortion | 9 | 10 | 7 | 0 | 9 | 3 | 3 | 3 | 2 | 8 | 8 |
| 10 | Distortion | 10 | 8 | 7 | 4 | 8 | 3 | 3 | 4 | 2 | 9 | 9 |

- B. EDIT Mode (please short press the combination button On/Off and Store to switch from PRESET mode to EDIT mode after booting)
- In EDIT mode, short pressing the On/Off button to scroll up for selecting the function module, short pressing the Store button to scroll down for selecting the function module, when the effect module is selected, the corresponding indicator lights up, and others light off.
- When entering the EDIT mode initially, the system defaults to the AMP module, and you can browse the 10 amp in the AMP module up/down through the Bypass+/Tuner- buttons.

V. The function introduction of the effect module

1. AMP Module



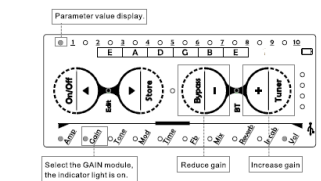
- H8 has a total of 10 classic pre-amp. In the EDIT mode, you can select the AMP module through the On/Off and Store buttons. When the AMP is selected, the indicator lights up, and you can use the Bypass- and Tuner+ buttons to access/browse.

The timbre sequence corresponds to the parameter indicator lights 1 to 10. When the timbre is selected, the corresponding serial number indicator lights up, and the unselected timbre indicator lights are off.

■ 10 kinds of AMP module, please refer to the list below for specific data:

| Tone number | Name | Voice name |
|-------------|-----------------------|------------|
| 1 | UK Gold Clean | Clean |
| 2 | US Classic Clean | Clean |
| 3 | Two Stone Coral Clean | Clean |
| 4 | Two Stone Coral OD | Overdrive |
| 5 | Day Tripper OD | Overdrive |
| 6 | US Classic OD | Overdrive |
| 7 | Mr Smith Dist | Distortion |
| 8 | Regal Tone Tweed | Distortion |
| 9 | Shittcow Dist | Distortion |
| 10 | Call JPA | Distortion |

2. GAIN: gain adjustment



■ In the EDIT mode, you can select the GAIN module through the On/Off and Store buttons. When GAIN is selected, the indicator will light up. You can use the Bypass- and Tuner+ buttons to reduce or increase the gain of the module and adjust the range from parameter indicator 1 (minimum) to parameter indicator 10 (maximum).

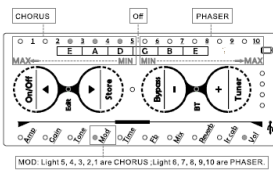
3. TONE: tone brightness adjustment

Adjust the tone brightness. Increase the brightness of the tone. Decrease the brightness of the tone.

■ In the EDIT mode, you can use the On/Off and Store buttons to select the TONE module. When TONE is selected, the indicator will light up. You can use the Bypass- and Tuner+ buttons to decrease or increase the brightness and adjustment range of the tone. From parameter indicator 1 (darkest) to parameter indicator 10 (brightest), the default parameter indicator 5 is "balance" brightness.

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4. MOD Module: contains two modulation effects, CHORUS/PHASER.



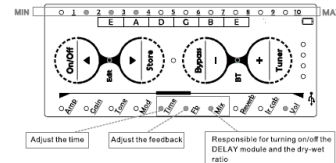
■ In the EDIT mode, you can select the MOD by pressing the On/Off and Store buttons. In the MOD mode, the position between the parameter indicator light 5 and light 6, is used to close the MOD module. When MOD is closed, all the parameter lights are off.

■ When the MOD module is selected, you can use the Bypass- button to turn on the CHORUS effect. When the MOD module is off, press the Bypass- button, and the light 5 will light up, indicating that the CHORUS effect is currently enabled. CHORUS effect gain adjustment corresponding to a range from small to large between the light of 5, 4, 3, 2, 1, light 5 is the MIN effect, and light 1 is the MAX effect.

■ After the MOD module is selected, you can enable the PHASER effect by pressing the Tuner+ button. When the MOD module is closed, press the Tuner+ button, and the light 6 will light up, indicating that the PHASER effect is currently enabled. PHASER effect gain adjustment corresponding to a range from small to large between the light of 6, 7, 8, 9, 10, light 6 is the MIN effect, and light 10 is the MAX effect.

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5. DELAY Module: The DELAY module contains three parameter buttons of Time, FB and Mix to adjust.



■ In the EDIT mode, you can select MIX (DELAY module) by pressing the On/Off or Store buttons. MIX is responsible for turning on/off the DELAY effect. When Mix is selected, press the Bypass- button continuously until all parameter indicators and Time are selected. FB and Mix prompt lights are all off, this operation is to close the DELAY module. When the DELAY module is off, select Mix and press the Tuner+ button to turn on the DELAY module, and the Time, FB and Mix indicator lights will light up. When the DELAY module is turned on, the first parameter of MIX (delayed dry-wet ratio) is also turned on. Then the parameter indicator 1 lights up. You can increase or decrease the DELAY dry-wet ratio by pressing the Bypass- and Tuner+ buttons. adjustable range parameter indicator 1 (minimum) to the parameter indicator 10 (maximum).

■ FB is to adjust the DELAY feedback. When the DELAY module is turned on, you can use the On/Off and Store buttons to select FB. Then the FB indicator lights up, and you can increase or decrease the DELAY by pressing the Bypass- and Tuner+ buttons. The adjustable range is from parameter indicator 1 (minimum) to parameter indicator 10 (maximum).

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■ Time is to adjust the time of the DELAY. When the DELAY module is turned on, you can use the On/Off and Store buttons to select Time, and then the Time indicator will light up, and you can increase or decrease it through the Bypass- and Tuner+ buttons. DELAY small speed feedback time, adjustable range parameter indicator from 1 (minimum) to the parameter indicator 10 (maximum).

6. REVERB module

Reduce the reverberation dry-wet ratio. Increase the ratio of dry reverberation.

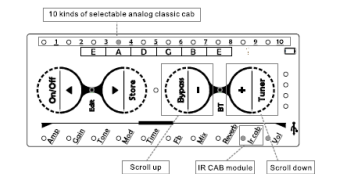
■ In the EDIT mode, you can select the REVERB module by pressing the On/Off and Store buttons. When the REVERB module is selected, the REVERB indicator will light up.

■ Continuously press the Bypass- button until the parameter indicators are all off. This operation is to turn off the REVERB module. When the REVERB module is off, press the Tuner+ button to turn on the REVERB module again, and the parameter indicator lights up.

■ You can reduce or increase the effect of REVERB by pressing the Bypass- and Tuner+ buttons.

7. IR CAB Module

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■ H8 is set with 10 classic cabinet simulations. In the EDIT mode, you can select the IR CAB module by pressing the On/Off and Store buttons. When the IR CAB module is selected, press the Bypass- button continuously until all the parameter indicators are all Off, this operation is to close the IR CAB module.

■ When the IR CAB module is closed, press the Tuner+ button to turn on the IR CAB module. At the same time, the parameter indicator 1 lights up, indicating that the first IR cabinet built into the H8 effect is currently enabled.

■ You can browse 10 different IR CABs through the Bypass- and Tuner+ buttons.

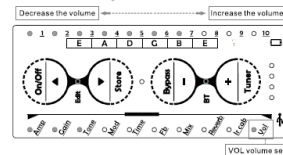
■ You can use the CubeSuite software provided by our company to load third-party IR files.

■ H8 factory IR settings list:

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| Number | Name | CAB specifications |
|--------|---------------------------|--------------------|
| 1 | Line 6 Vetta | 1X12 |
| 2 | Marshall 1960A V30 | 2X12 |
| 3 | Marshall 1960A T75 LA610 | 4X10 |
| 4 | VHT Deliverance | 2X12 |
| 5 | Soldano 2x12 V30 | 2X12 |
| 6 | Peavey 5150 + Mesa | 4X12 |
| 7 | ISX KTT7 + Mesa Slietto | 4X12 |
| 8 | Drizel V30 SM57 | 2X12 |
| 9 | GuitarHack Mesa Trad | 4X12 |
| 10 | Marshall SM81 9100A 1960B | 4X12 |

8. VOL volume setting



■ In the EDIT mode, you can select the VOL module by pressing the On/Off and Store buttons.

■ Please use the Bypass- and Tuner+ buttons to decrease or increase the volume of the tone currently being edited. The adjustable range is from parameter indicator 1 to parameter indicator 10.

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9. TUNER: tuning module

Enter TUNER mode lamp lights red light. The corresponding note lights up.

Lights up when the pitch is low. Lights up when the pitch is high. Lights up when the pitch is accurate.

■ H8 contains a high-sensitivity tuner, the method of use is as follows: in the PRESET mode, long press the Tuner+ button to enter the TUNER tuning mode, at this time the indicator in the middle of the function button lights up in red. Indicates that the tuning function has been entered.

■ In the TUNER mode, in the top note name table, from left to right correspond to the 6/5/4/3/2/1 strings of the guitar. When the strings are played, the main unit automatically recognizes the pitch, and the indicator light above the corresponding note name will light up, indicating that the current pitch is close to the lighted note name.

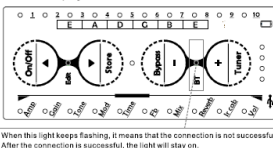
■ We take the third string of the guitar as an example for tuning; when the third string is played, the indicator light above the note name of the corresponding note name table G lights up, and then adjusts against the tuning bar below, when the left light of the tuning bar lights up it means that the current pitch is low. When the right light is on, it means the current pitch is high. When the middle two lights are on, it means that the current pitch is close to the guitar 3 string G.

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■ In order to avoid unnecessary noise during tuning, the H8 audio output is muted when entering the TUNER mode, and the normal output state will be restored after exiting the TUNER mode.

■ After the tuning is complete, press any button to exit the TUNER mode, and the TUNER indicator will extinguish.

10. Wireless music playback function



■ H8 includes a wireless music playback function, which is convenient for users to play accompaniment in practice or performance. The connection method is as follows: after the H8 is turned on, the wireless pairing function is automatically turned on, and the BT indicator keeps flashing slowly, indicating that the device is not currently connected, and we need to pair To the mobile phone or tablet side. Please open the settings item on your mobile device to find the BT name list, find and select 'H8' from the list to connect. After the connection is successful, the BT indicator turns to a long light.

■ Short press the combination button Bypass- and Tuner+ to turn on/off the wireless connection function. In the off state, the BT indicator is off.

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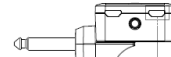
11. Bypass function; direct dry signal

■ We set the Bypass function for the H8 effect. Long press the Bypass- button to enter the Bypass mode.

■ After entering the Bypass mode, the Bypass indicator lights up in blue, and the parameter and module indicators are all off. In Bypass mode, the output signal of the instrument is a dry signal (through).

■ Short press the On/Off or STOER button to exit the Bypass mode.

12. Internal recording function; connect to Android device



■ H8 includes a high-quality internal recording function, plug into the USB port of the device through a dedicated data cable for internal recording, and then connect to your mobile phone computer. Use your mobile phone/computer recording software to achieve H8 high-quality built-in audio recording function.

13. IR CAB loading function

■ H8 supports users to load third-party IR CAB simulations, and users can load them online through the CubeSuite software provided by the manufacturer for free. You only need to connect the H8's built-in USB 2.0 cable to your computer to operate it in the CubeSuite software. The Cube Suite software is easy to use and easy to operate.

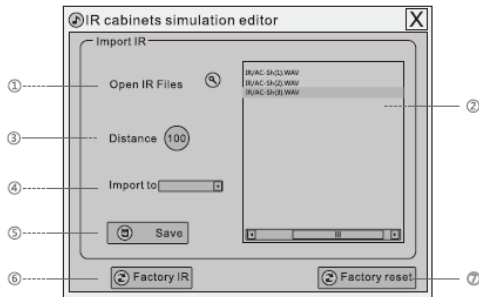
■ Install CubeSuite on the computer, generate the following icon, double-click to open it



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■ **Software interface is divided into seven parts**

- ① IR file search; through this search to find your preparation on your computer IR file.
- ② IR file name display window; this window displays the selected IR file, which is convenient for us to click and listen.
- ③ Pick-up microphone distance simulator; through this knob you can adjust the distance of the microphone to the speaker, the closer the distance, the greater the sound, the further the distance, the smaller the sound.
- ④ Storage location; this drop-down serial number is the H8 internal IR storage location, you can choose 1-10 locations to store third-party IR.
- ⑤ Save button: When the third-party IR is selected, the microphone pickup distance is adjusted, and the storage number position is selected, we can click this button to save.
- ⑥ Click this button to restore the factory IR.
- ⑦ Click this button to restore the factory presets.



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14. Technical parameters

| | |
|---------------|---|
| Input | Standard 1/4" interface mono/TS |
| Output | Standard 1/8" interface mono/TS |
| Sampling rate | 48K/24bit |
| Power supply | DC5v>-300mA power adapter |
| Size | 85(D)X81(W)X29(H)mm |
| Weight | 121g |
| Accessories | Packing box, manual, charging cable, internal recording cable |

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FCC Warning Statement

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