



Passport

Guitar Headphone Amp

Model: HA01

User Manual

V1.1



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Introduction

The HA01 is a “Swiss Army Knife” multi-effect guitar headphone amp that’s designed to bring you a full tonal modeling and effects experience in a tiny travel package. The HA01 has the following features:

- Micro USB rechargeable (up to) 5-hour battery
- Standard ¼ inch Guitar cable input and standard 3.5mm headphone jack output
- Wireless Bluetooth playback from your phone or audio device.
- Digital out for Recording directly to your DAW via USB or headphone jack input (IOs devices need Apple camera connection kit)
- Robust Effects and Modeling
 - 10 classic preset effects
 - Customizable effects like: Chorus/Phaser, Delay, Hall Reverb, Tone, and more
 - 10 Classica IR Cabinet Simulations
 - Clean bypass for clean recording or monitoring
- Precision tuner

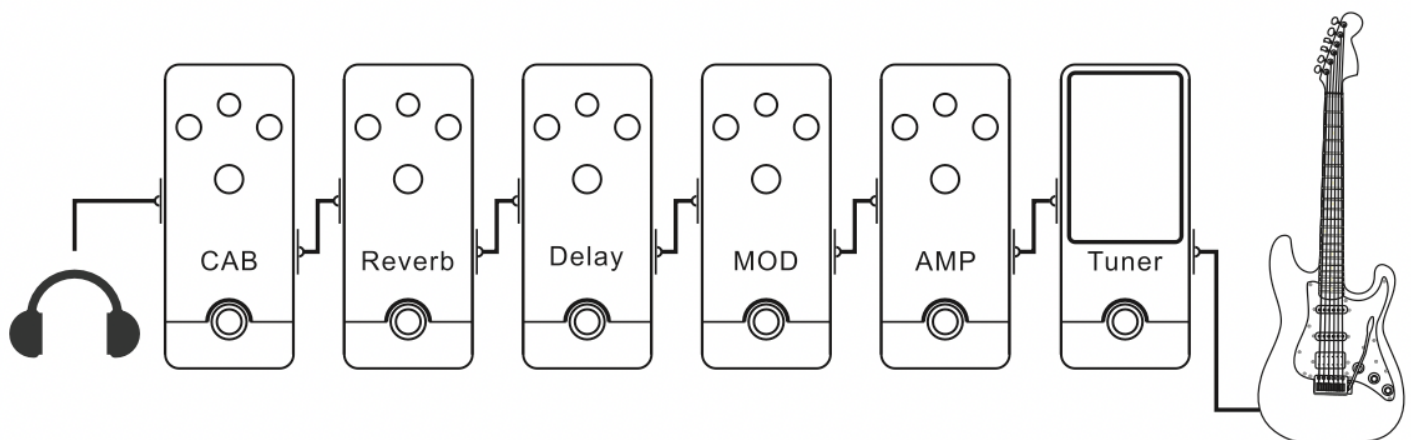
Power Supply

- DC5v, 300mA battery for up to 5 hours of continuous use.
- Fully recharged in 2 hours with 5V, 2.0A charging
- Active charging while recording with digital out to your DAW

Safety and Maintenance

1. If you’re not actively using the unit, don’t leave it connected to other equipment that is powered-on for long periods of time. (apart from charging the unit)
2. To properly maintain the unit and extend the lifetime, avoid the following
 - a. High temperatures
 - b. Heavy magnetic fields
 - c. Dust and dirt
 - d. High humidity or water
 - e. Prolonged exposure to direct sunlight
 - f. Heavy vibration or strong impact

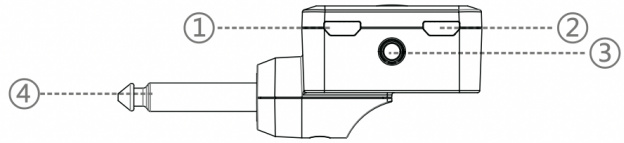
HA01 Signal Chain



Audio & Data Input/Outputs

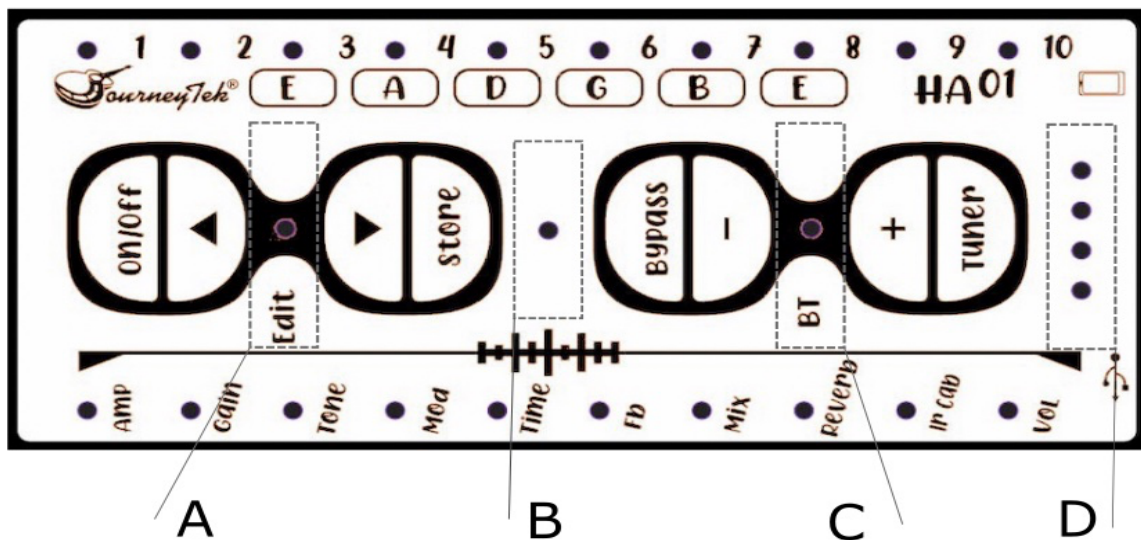
1. Combo port for battery charging and USB 2.0 Midi/Data output
2. Micro USB to 1/8 inch, (3.5mm) headphone out to record on Android and compatible devices
3. 1/8 inch, (3.5mm) headphone out
4. Standard 1/4 inch guitar connector

*HA01 has Bluetooth connectivity as well



HA01 Interface Overview

Center Mode Indicator Lights: EDIT, Tuner, Bluetooth/Bypass, Battery life



- A. EDIT Mode indicator light is illuminated blue when in EDIT Mode as described above.
- B. Bypass/Tuner indicator light is illuminated blue when in Bypass mode, and red when in Tuner mode
- C. Bluetooth Mode Indicator light flashes slowly when you first turn on the device to indicate it's not paired.
- D. Battery Life indicator light indicates health of battery. 5 lights indicate a full battery, 1 means almost out. It flashes while charging and turns off when unit is fully charged.

Bluetooth Connectivity and Control

The HA01 enables you to stream audio from a Bluetooth broadcasting device (phone, tablet, computer, etc.) to this unit so you can jam along with your own tunes or a recordings. To turn off/on the Bluetooth function, simply press both the “Bypass/-” and the “Tuner/+” buttons at the same time, and your HA01 is discoverable.

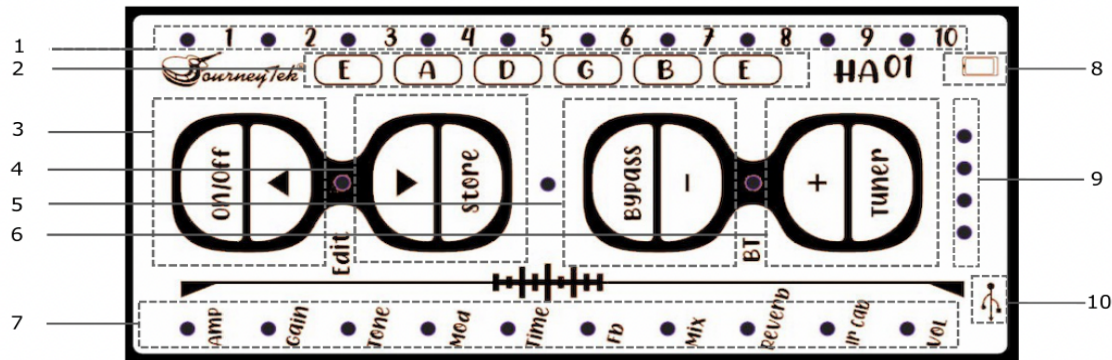
To Connect to a Bluetooth Device for the first time:

1. Turn off the Bluetooth function on the device you wish to pair.
2. Turn on the HA01. The Bluetooth indicator should be flashing. If not, quickly press both the “Bypass/-” and the “Tuner/+” buttons at the same time. Don't hold down long or you'll activate the Bypass function.
3. Turn on the Bluetooth function on your device and locate HA01. Then select for connection.
4. The Bluetooth indicator light on the HA01 will illuminate blue and not flash when connected.

Adjust the line-in volume of your Bluetooth connected device on the connected device, not on the HA01.

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Panel Indicator Guide



Effect/Parameter/Volume/Tuner Indicator Lights:

In the PRESET mode, these lights indicate which of the 10 presets you're using.

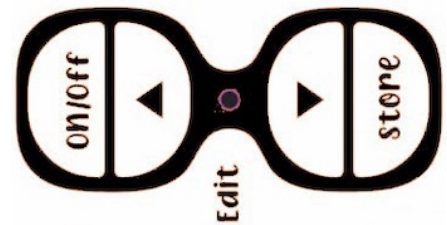
If you adjust the volume with the +/- buttons, it will indicate the volume level adjustment for a short while, then return back to indicate your preset.

- a. In the EDIT mode, it displays the parameter you've selected.
2. Guitar Tuner Notes:
 - a. The lights above the note names indicate the auto-detected note you're tuning.
 - b. The lights below from Amp to Vol (in region 7) indicate the intonation of the string.
3. On-Off / Left Selection Button:
 - a. Extended press to turn the unit on and extended press to turn it off.
 - b. In the PRESET mode, press to switch to the previous preset.
 - c. In the EDIT mode, press to scroll up when selecting the effects setting.
4. Store / Right Selection Button:
 - a. Extended press to STORE a preset.
 - b. In the PRESET mode press to switch to the next preset.
 - c. In the EDIT mode, press to scroll down when selecting the effects setting.
5. Bypass / - Selection Button:
 - a. Extended press this button to enter the Bypass function. (clean signal)
 - b. In PRESET mode press to reduce the master volume
 - c. In EDIT mode press to reduce the effect on the module you've selected.
6. Tuner/+ Button:
 - a. Extended press to enter the tuner mode,
 - b. in PRESET mode press to increase the master volume.
 - c. In EDIT mode press to increase the effect on the module you've selected.
7. Effects Indicator Lights:
 - a. In PRESET mode these lights indicate the effects applied to the Preset you've selected.
 - b. In the EDIT mode they indicate the currently selected effect module.
 - c. In TUNER mode, and lights move toward center as tuning improves.
8. Mobile Phone micro-USB to 3.5mm output.
 - a. Use the micro-USB to 3.5mm headphone jack cable with this data port to record on compatible devices supporting 3.5mm input for sound recording.
9. Battery Indicator: Indicates battery health and charging status. See previous section for details.
10. USB Icon/Data/Charging Port: The micro-USB port to the side of this icon enables digital connectivity to your external device or DAW, Charging the unit, and loading 3rd party IR CAB simulations.

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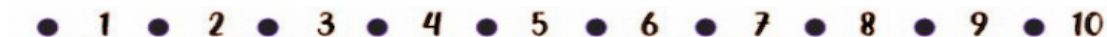
HA01 Modes: Preset vs EDIT Modes

The HA01 comes with two primary operating modes: The Preset Mode, and the EDIT Mode. The Preset mode is the default mode that's pre-programmed with the most popular effects and cabinet settings. The EDIT Mode is used to customize the parameters to your preference. To switch between the two modes, briefly press (on/off ◀) and (▶ store) buttons at the same time. The "EDIT" light between these two buttons will illuminate blue when the EDIT Mode is active.



Preset Mode: (The Default Mode when you turn it on)

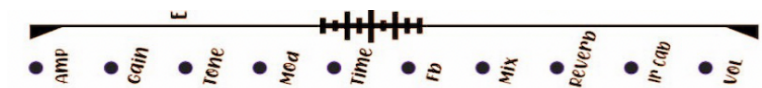
- Illuminated lights to the left of numbers 1-10 at the top indicate the number of the preset you're using



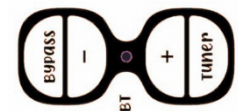
- (on/off ◀) and (▶ store) buttons are used to move between the preset simulation.



- The lights at the bottom indicate which modules are turned on (illuminated) and which are off (Dark)



- (Bypass-) and (Tuner+) buttons are used to adjust master volume (- decrease, + increase) and the numbered lights at the top (1-10) temporarily reflect volume level.



- Default factory Presets are based on the chart below:

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
2	Clean	2	10	8	0	0	0	0	6	10	6
3	Clean	3	5	8	6	7	3	3	4	5	10
4	Overdrive	4	2	7	0	8	3	4	2	1	5
5	Overdrive	5	10	7	3	9	5	3	6	9	10
6	Overdrive	6	5	8	0	8	5	2	3	4	9
7	Distortion	7	9	8	0	0	0	0	3	3	6
8	Distortion	8	4	7	0	9	5	2	2	5	8
9	Distortion	9	10	7	0	9	3	3	3	2	8
10	Distortion	10	8	7	4	8	3	3	4	2	9

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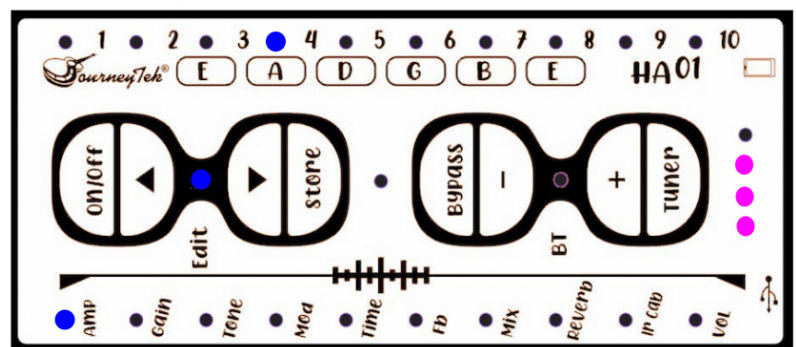
EDIT Mode: (Accessed by Pressing (on/off ◀) and (▶ store) buttons together)

- Press (on/off ◀) and (▶ store) buttons to scroll up and down to select the modules. The EDIT light in the center will illuminate to indicate you're in EDIT mode.

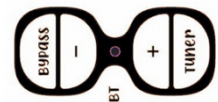


- The light beside the AMP label will flash to indicate the module you're adjusting. When entering the EDIT mode initially, the system defaults to the AMP module.

You can use the (Bypass-) and (Tuner+) buttons to cycle through the Amp options, which will be indicated with the light next to the corresponding number at the top. After switching to EDIT mode, if you press "+" three, you'll be on the 4th amp selection, with these lights on display. (Pink dots represent white lights)



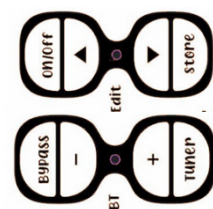
- (Bypass-) and (Tuner+) buttons have different functions in different modules. For example, they browse up/down in the Amp or IR CAB module, and increase/decrease effect parameters in the REVERB or DELAY modules. The user can EDIT the parameters in EDIT mode and save them to PRESET mode.
- Store an Edited Preset: After editing a preset, you can store the edited preset to the corresponding position in the PRESET mode by an extended press on the Store button. You can only store your edited settings for the preset you're currently editing. For example, if you select the third preset in the PRESET mode and then press the Press (on/off ◀) and (▶ store) buttons to enter the EDIT mode, then the edited preset will be stored as the updated third preset.



Modules and Effects Detailed Explanation

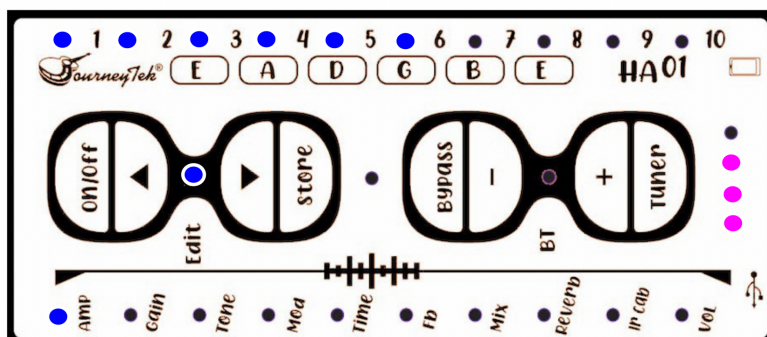
1. AMP Selection

The HA01 has a total of 10 classic pre-amps. To access the pre-amps, Press (on/off ◀) and (▶ store) buttons to enter the EDIT mode, which starts in the default “AMP” mode. Now use the (Bypass-) and (Tuner+) buttons to cycle through the AMP options. See the chart below for a brief description of AMP voices:



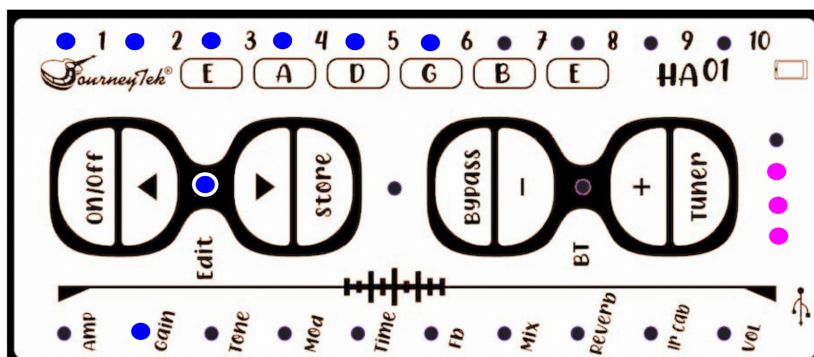
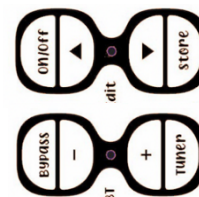
Tone number	Name	Voice name
1	Gas Station Clean	Clean
2	Power-Zone Clean	Clean
3	Two Stone Coral Clean	Clean
4	Day Tripper OD	Overdrive
5	Two Stone Coral OD	Overdrive
6	US Classic OD	Overdrive
7	Mr Smith Dist	Distortion
8	Two Stone Cardeff	Distortion
9	Randy Devil Dist	Distortion
10	Shittcow Dist	Distortion

Based on the Above chart, if you press (Tuner+) 3 times after entering the AMP mode, your interface will look like this, and you'll be using Day Tripper OD with an Overdrive Voice.



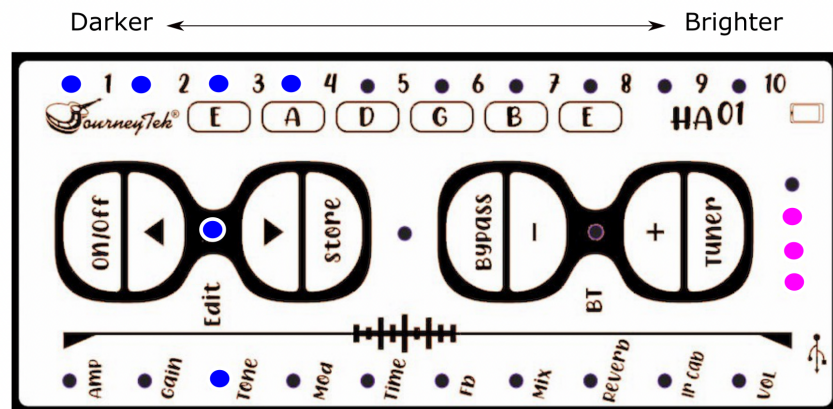
2. GAIN Adjustment

Once your in the EDIT mode, in the Amp module, press the (▶ store) button once to cycle to the Gain module. The Gain light will illuminate, and then you can use the (Bypass-) and (Tuner+) buttons to increase or decrease the gain level with 1 as minimum and 10 as maximum settings.



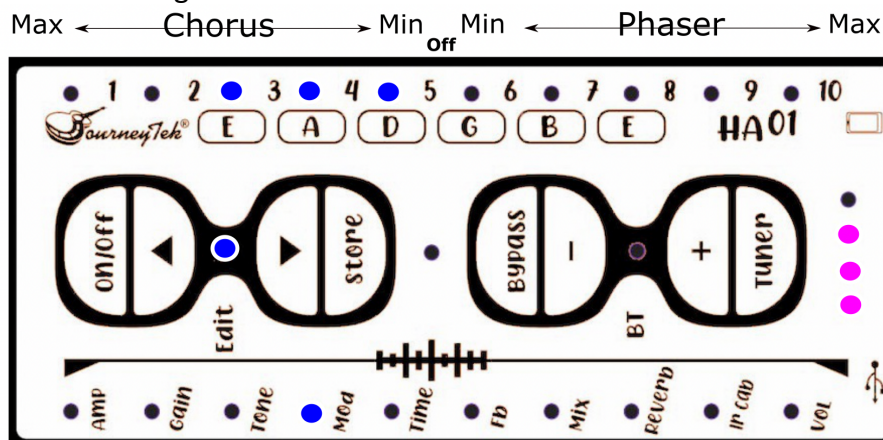
3. TONE Adjustment

In the EDIT mode, use (on/off ◀) and (▶ store) buttons to cycle to the Tone mode. Then use (Bypass-) and (Tuner+) buttons to increase or decrease the tone level with 1 as the darkest and 10 as brightest tone settings. As you increase brightness, the lights are illuminated from 1 up to the brightness you've selected.



4. MOD Modulation Module: CHORUS and PHASER

The Modulation Mode has a combination CHORUS and PHASER function. In the EDIT mode, use (on/off ◀) and (▶ store) buttons to cycle to the Tone mode, then use (Bypass-) and (Tuner+) buttons to increase or decrease the modulation level. Since this is a combined effect, Chorus is set on the left side with 5 as the minimum Chorus effect and 1 as the maximum chorus effect. If you are using a chorus effect and you continue to press (Tuner+), all of the numbered indicator lights will turn off. This means you're in the center position where neither Chorus nor Phaser are activated. From this center position, press (Tuner+) again and Phaser will be at it's minimum position. Continue to press (Tuner+) and the Phaser will be at it's highest level when lights at 6-10 are fully illuminated. Here's an example of the Chorus at a medium setting.



5. DELAY: comprises parameters: Time, Fb and Mix

a. TIME

The TIME module controls the length of the time of the delay. 1 being the shortest delay, and 10 being the longest. In EDIT mode, select TIME. Then use (Bypass-) and (Tuner+) to set your preferred delay.



b. Fb (Feedback control)

The Fb module is to control feedback on the delay. In EDIT mode, select Fb. Then use (Bypass-) and (Tuner+) to set your preferred feedback setting with 1 as weakest and 10 as strongest.

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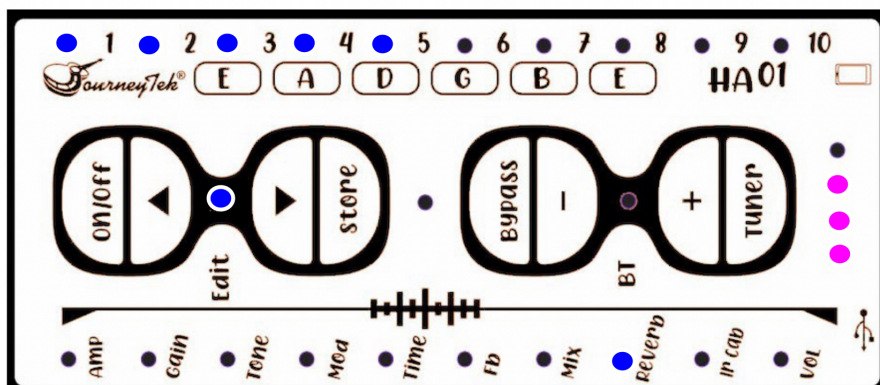
c. MIX

In EDIT mode, once you've set TIME and Fb feedback, adjust the mix volume of the delay to your preferred mix level using (Bypass-) and (Tuner+) buttons. Set MIX to all numbered lights off to completely turn off the Delay effect.

With the combination of TIME, Fb, and MIX settings, you can set your perfect Delay effect.

6. REVERB

In the EDIT mode, use (on/off ◀) and (▶ store) buttons to cycle to the REVERB mode. Then use (Bypass-) and (Tuner+) buttons to increase or decrease the wetness of the Reverb with 1 as the minimum and 10 as maximum level settings. As you increase brightness, the lights are illuminated from 1 up to the brightness you've selected.



7. IR Cab Mode

The HA01 comes with 10 preset IR Cab simulations. To select your IR Cab, in the EDIT mode, use (on/off ◀) and (▶ store) buttons to cycle to the CAB mode. Then use (Bypass-) and (Tuner+) buttons to make your CAB selection. Below are the initial default IR Cab settings native on the device. (Please note these may be subject to change, so check the product page on our website for the most recent CAB selection.)

Number	Name	CAB specifications
1	Line 6 Vetta	1X12
2	Marshall 1960AV V30	2X12
3	Marshall 1960A T75 LA610	4X10
4	VHT Deliverance	2X12
5	Soldano 2x12 V30	2X12
6	Peavey 5150 + Mesa	4X12
7	JSX KT77 + Mesa Stiletto	4X12
8	Diezel V30 SM57	2X12
9	GuitarHack Mesa Trad	4X12
10	Marshall SM81 9100A 1960B	4X12

8. VOLUME Adjustment

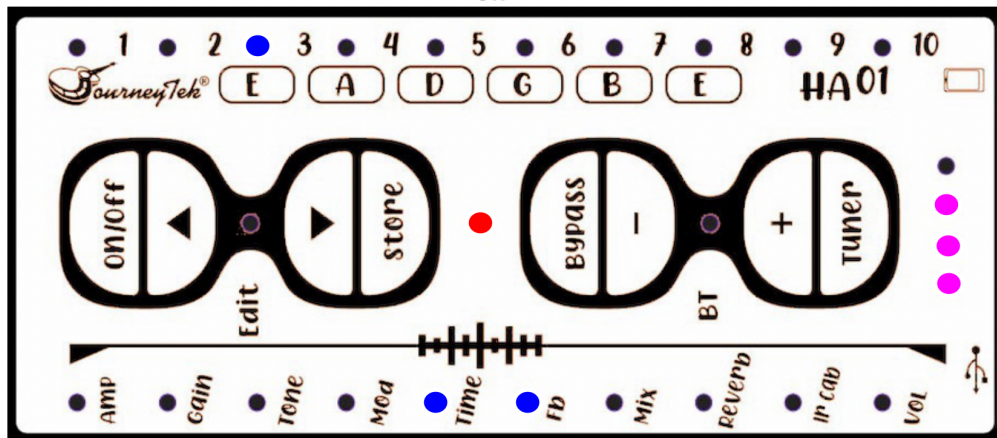
Volume Adjustment works the same for PRESET and EDIT modes. Use (Bypass-) and (Tuner+) buttons to increase or decrease the volume with 1 as the minimum and 10 as maximum level settings. As you increase volume, the lights are illuminated from 1 up to the brightness you've selected.



9. TUNER Function

Use an extended press on the (Tuner+) button to activate the tuner function. This is accessible in both Edit and Preset modes, but when you exit the Tuner you'll go back to Preset Mode.

- The center light will illuminate RED
- The Lights above the Guitar Notes (EADGBE) will automatically detect the string you're tuning and light above the note when you are close to the pitch.
- The lights at the bottom of the panel will move towards the left (AMM, GAIN) when the pitch is flatter, and towards the right (IR CAB, VOL) when the pitch is sharper.
- The panel display below shows the low E string (illuminated blue) is in tune as the bottom lights are centered at (Time and Fb).



- To Exit Tuner function, press any other button and it will go back to Preset mode

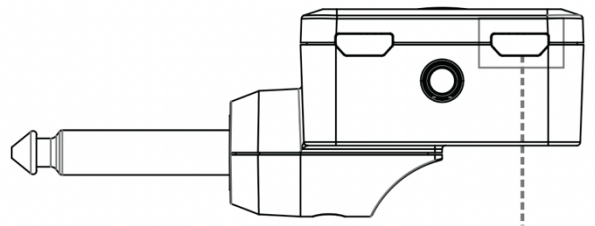
10. BYPASS Function (Direct Dry Signal)

Extended Press the (Bypass-) button to enter the Bypass mode.

After entering the Bypass mode, the Bypass indicator lights up in blue, and the other module and indicator lights are all off. In Bypass mode, the output signal of the instrument is a dry signal (through). To exit the BYPASS function, just press either the (on/off ◀) and (▶ store) button.

11. Micro-USB to 3.5mm recording jack for internal recording

Use the provided micro-USB to 3.5mm headphone jack cable with this data port to record on compatible devices supporting 3.5mm headphone jack input for sound recording.



12. IR Cab Loading

The HA01 can load third-party IR CAB simulations through the CubeSuite software provided on the product page on the website. Connect the included USB 2.0 cable to your computer use the CubeSuite software. This feature will be available in the upcoming months.

Technical Specs:

Input	Standard 1/4" interface mono/TS
Output	Standard 1/8" interface mono/TS
Sampling rate	48K/24bit
Power supply	DC 5V 300mA power adapter
Size	85(D)X81(W)X29(H)mm
Weight	121g
Accessories	Packing box, manual, charging cable, internal recording cable

Troubleshooting:

Device is Unresponsive: If device freezes during operation or recording, press and hold the On/Off button for 10 seconds, then release.

Wireless Bluetooth connection can't connect to Mac device: If connecting for the first time to a newer Mac OS computer: 1. Turn off Bluetooth on the Mac. 2. Turn on the HA01 unit. 3. Turn on Bluetooth on the Mac, 4. Then click connect button when prompted by Mac software.

