

## HOTKNOB / EXPRESSION PEDAL

The HOTKNOB is like an on-board Expression Pedal. It can be patched to control one or any number of parameters simultaneously.

### Creating a HOTKNOB Patch

1. Press and hold the HOTKNOB Button for 2 seconds.
2. Press the X, Y, or Z parameter button to select the parameter you want to assign to the HOTKNOB.
3. Press the HOTKNOB button to set the minimum value [MINVAL]. Turning the Knob will update the display with the parameter value assigned as the [MINVAL] for this parameter's HOTKNOB patch.
4. Press the HOTKNOB button again to set the maximum value [MAXVAL]. Turning the Knob will update the display with the parameter value assigned as the [MAXVAL] for this parameter's HOTKNOB patch.
5. Pressing the HOTKNOB switch again will display the current parameter's name again.
6. Press the X, Y, or Z parameter button to select additional parameters to assign to the HOTKNOB.
7. To exit HOTKNOB patch operation Press and Hold the HOTKNOB button for 2 seconds. The HOTKNOB button LED will light solidly and the display will show the name of the parameter assigned to HOTKNOB if a single parameter is patched. If multiple parameters are patched the display will show "HOT+". The Edited LED is lit to show that the Preset is modified but not saved.
8. Remember - Save it or Lose it! HOTKNOB changes are saved with Presets.

## TEMPO

Tempo is turned ON/OFF by simultaneously pressing the PRESET button and the Right Footswitch.

When Tempo is ON, the Tap LED flashes at the tempo rate in Tap Mode.  
When Tempo is OFF, the Tap LED is on in Tap Mode.

When Tempo is ON, Delays are set in rhythmic sub-divisions of the beat (common note values) rather than in Hz or milliseconds.

Tempo ON/OFF is only indicated when the Right Footswitch is in Tap Mode.

## PRESETS



### Preset Edited LED

Lights when Preset has been modified but not saved.

### Selecting Presets with the Knob

Press the PRESETS button and turn the Knob. Presets load instantly.

### LightRing

Lights to show parameter values when editing Presets.

### Selecting Presets with the Footswitches

The Right Footswitch has two functions: Selecting Presets and Tapping Tempo. Toggle between these by pressing and holding. When selecting Presets, the Tap LED is off. Pressing the Right Footswitch will increment through the 99 Presets and cue the selected Preset for loading.

Press the  
Left Footswitch  
to load Preset

Press the  
Right Footswitch  
to cue Presets

TIP: When cueing Presets, press the big Knob to change direction!

## Editing Presets

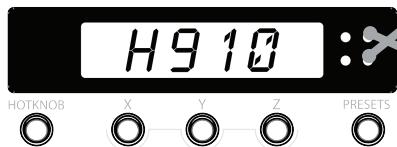
A Preset's parameter values can be adjusted by selecting the X, Y, or Z button. When one of these buttons is pressed the button lights up, and turning the Knob adjusts the parameter's value.

## Saving/Naming Presets

1. Press and hold the PRESET button for a few seconds. The current Preset # and 4 characters of the Preset Name are displayed. The Preset # is flashing.
2. Turn the Knob to select the desired Preset #.
3. Press the Right Footswitch and the first character of the Preset name flashes. Turn the Knob to change this character.
4. Use the Left and Right Footswitches to traverse the display, selecting the character to be edited.
5. Press and hold Right Footswitch to INSERT a character before the currently flashing character.
6. Press and hold Left Footswitch to DELETE a character.
7. To save the Preset, press and hold the PRESET button a second time. The Display will show "SAVED".
8. After a short time, the Save mode is exited.
9. To exit Save without saving, press and release the PRESET button again without holding it. Upon exiting Save mode without saving, the display shows "NO SAV".

Preset names can have up to 16 characters.

### LEVELS



#### Signal Present LED

Green LED shows signal present of at least -40dB.

#### Peak LED (Signal Clip)

Red LED lights when close to clipping. Occasional flashing is OK. If lit solidly, reduce the input level either by reducing the signal level fed to the H9 or by lowering the H9's Global Input Level.

#### To set a Preset's Output Level:

1. Press Left Footswitch to Bypass the Preset.
2. Press and hold Left Footswitch for 2 seconds.
3. Turn Knob to adjust output level.

Re-save the Preset and the adjusted Output Level will 'stick' for that Preset. Each Preset can have a different output Level.

#### To set Global Input Level:

1. With Active LED lit, press and hold Left Footswitch for 2 seconds.
2. Turn Knob to adjust input level.
3. After a few seconds, the unit will return to normal operation.

Input level setting is not saved with Presets. The input level setting is global and is saved when power is turned

### BLUETOOTH

Pair your H9 with an iOS Bluetooth device to use H9 Control, a feature-rich remote control app.



#### Bluetooth ON Status

Lights when Bluetooth is ON. Flashes to indicate active communications between your H9 and iOS device.

#### Bluetooth Paired Status

Lights when paired. The default PIN is the last four digits of your H9's serial number.

#### Toggle Bluetooth ON / OFF

by simultaneously pressing the X, Y, and Z buttons.

For detailed instructions about pairing, see the Help guide of the H9 Control app.

Note: H9 Control is available for Mac and PC using a USB cable.

### TUNER

#### To Use the Tuner

Press and hold both the Left Footswitch and Right Footswitch for 2 seconds.

When you play a note the LightRing indicates the degree to which you're in or out of tune while the display indicates the note. With the LightRing lit at twelve o'clock you're in tune.

#### To Exit the Tuner

Press either Footswitch.

When the Tuner is enabled the H9's audio output is normally muted.

The default reference frequency for the Tuner is "A" 440 Hz.

You can adjust the reference frequency and change Mute/Bypass setting in System Mode.

### SYSTEM MODE

System Mode is used for settings that affect the overall system including Bluetooth, Bypass, Aux Switch, MIDI, Global, Tuner, and Utilities. Upon entering System Mode, you're at the top-level menu selection. The Left and Right Footswitch LEDs will flash RED continuously to remind you that you're in this special mode. The Edited LED is OFF in System Mode.

#### To Enter/Exit System Mode

Press and hold the HOTKNOB button and Right Footswitch simultaneously for a few seconds to enter and exit the System Mode.

#### System Mode Navigation

At the top-level, turn the Knob to scroll through the top-level choices.

Push the HOTKNOB button to step **down** into the menu tree.

Press the PRESET button to step **up** the menu tree.

Turn the Knob to scroll through menu items or parameter selections or values.

For sub menus with two fields, press the Left or Right Footswitch to select the active field. The LED above the Footswitch corresponding to the active field will be lit.