

KOCH NESS MONSTER



4 fiery salvos
from the hood of the beast.

"The Koch Ness Monster is a pared down, throw and go, Orange Clad Warrior of the Sonic Night. Four delicious flavors of JAM pedals glory to get the job done in the service of ROCK."

-Greg Koch

The Koch Ness Monsters are the culmination of a 15-year-long relationship between the legendary Greg Koch and JAM pedals, built on mutual love, admiration and respect for each other's work. We embarked on a mission to craft the ultimate pedalboards that meet Greg's every need—whether he's rocking out live, recording in the studio, or diving deep into his creative process.

What you hold in your hands, is Greg's ultimate on-the-go remedy!

The Koch Ness Monster is designed with ease of travelling in mind and is equipped with the essential set of effects to get Greg comfortably through any gig or session scenario.

A unique and innovative feature of the KNM is the ability to sync the Delay Llama's Tap Tempo to the Harmonious Monk allowing you to control both units with a single Tap.

Experiment with the subdivision settings while in synch to get otherworldly rhythmic textures!

SIGNAL CHAIN:

1. Lucydreamer: Dry/Wet Overdrive with controls for **Level, Gain, Tone** and **Dry/Wet Mix**. The second footswitch engages the high-gain mode.

Set the output level for the high gain stage via an internal trimmer. For more info visit: jampedals.com/lucydreamer

2. Eureka!: A unique Fuzz voiced after our favourite traits found in Muff and Face style boxes of the past. Controls for **Level, Tone, Gain** as well as a 3-way toggle switch for 3 increments of bass **response**. For more info visit: jampedals.com/eureka

3. Send/Return FX Loop to play different pedals between the gain and modulation sections.

4. Harmonious Monk: Harmonic/Amplitude tremolo designed in collaboration with **That Pedal Show**. Controls for **Depth, Speed, Level, Dry/Wet Mix**, 2-way toggle switch to select tremolo mode (top for Harmonic bottom for Amplitude) a 3-way-toggle switch to choose **LFO shape** (top for Square, middle for Sine, bottom for Reverse Sawtooth) and another 3-way toggle switch to select the TAP tempo subdivisions.

The KNM comes with the **Tap & Ramp** mode preselected for the Harmonious Monk In order to switch between the **Tap & Ramp and Legacy modes**, keep both footswitches pressed until the LEDs blink, indicating mode change.

While in the **Tap & Ramp mode**, prolonged press of the TAP footswitch will engage **ramping** from the original to the **fixed** user-selectable speed. In order to determine the fixed user-selectable **speed**, while keeping the TAP footswitch pressed, adjust the Speed potentiometer to taste - make sure to return the Speed to the original position after releasing the TAP footswitch.

In order to determine **how long** it takes to travel from the original speed to the fixed user-selectable speed, while keeping the TAP footswitch pressed, adjust the Depth potentiometer to taste - make sure to return the Depth to the original position after releasing the TAP footswitch.

While in the **Legacy mode**, an instantaneous press of the TAP footswitch will engage and disengage the speed multiplying function. There are 2 available factors: x2 and x1.5 (dotted feel). In order to change the multiplication factor, keep the TAP footswitch pressed until you see 2 TAP LED blinks for the x2 factor or 3 TAP LED blinks for the x1.5 factor. For more info visit: jampedals.com/harmonious-monk

*Hint: While in the **Amplitude** mode and with the **Square** LFO selected and with the Depth potentiometer all the way up you can activate the CHOP effect (kill-dry) which effectively alternates between sound and complete silence!

5. Delay Llama: 600ms analog Delay with Tap Tempo and subdivisions. Controls for **Time, Repeats** (feedback) and Level as well as a 3-way toggle switch to select the TAP tempo **subdivisions**.

By engaging the **SYNC** toggle (top position) the Delay Llama's TAP tempo now also **controls** the **Harmonious Monk's** tempo. When in SYNC TAP mode the Harmonious Monk's TAP Led will only

blink once as it receives the command from the Delay Llama and will then remain off. There are 2 internal **trimmers** for the Delay Llama; one to set the **trails' fade out time** and another to set the **max. number of repeats**.

The Delay Llama comes pre-set in true bypass mode. If you wish to change it to **buffered** bypass mode so your trails will fade out naturally after you have disengaged the pedal, remove the power cable from the KNM, press and hold the Delay Llama's TAP footswitch, insert the power cable, release after you see the right LED blink 3 times.

To set your pedal back to true bypass mode, repeat above steps. The LED will now blink 2 times to indicate successful true bypass mode operation. For more info visit: jampedals.com/delay-llama/

SPECIFICATIONS:

- **Dimensions:** L 40cm/15.75" | W17cm/6.69" | H7.3cm/2.87"
- **Weight:** 1.65kgr/3.64 pounds
- **Power Consumption:** 400mA @ 9V DC tip negative (power supply not included)



Removing the bottom cover will reveal 7 trimmers, located on the PCBs as shown on the diagram below which you can adjust to further tweak your sound!

1. Adjusts the input gain of the Harmonious Monk's wet path - this will affect the wet signal's output level
2. Bass EQ controls for Harmonious Monk's wet sound
3. Mids EQ controls for Harmonious Monk's wet sound
4. Treble EQ controls for Harmonious Monk's wet sound
5. Turn clockwise to increase Delay Llama's repeats
6. Turn clockwise to increase Delay Llama's trails decay
7. Set the Lucydreamer high-gain-stage's output level

