

GALACTIC

MODULATION

Ever wondered what the universe sounds like?... We do... daily! So we decided to do our best and capture the sounds of the Cosmos in one crazy little box and from there to your music...

We wanted to create a unique modulation pedal which, apart from providing you with our version of basic effects, lets you combine and blend them in a way that brings new textures to your sonic arsenal and creates potential for exploration! We chose five basic modulation effects (Phaser, Univibe, Vibrato, Rotary and Flanger), and made it possible for you to use them separately or in pairs, blending them together via a Blend control, also giving you the ability to create five more different types of Chorus effect! The result of this experiment is the **Galactic** modulation!

We created 6 pairs of effects organized in 3 banks select-able by a toggle switch. Each bank features 2 pairs select-able by a foot-switch (left sided). The pairs are organized as shown below:

- **Bank 1** (toggle switch right position) **Pair1** (left led off) Phaser – Rotary Speaker (**P.R.**)
- **Bank 1** (toggle switch right position) **Pair2** (left led on) Univibe – Flanger (**U.F.**)
- **Bank 2** (toggle switch center position) **Pair3** (left led off) Phaser - Univibe (**P.U.**)
- **Bank 2** (toggle switch center position) **Pair4** (left led on) Vibrato – Rotary Speaker (**V.R.**)
- **Bank 3** (toggle switch left position) **Pair5** (left led off) Phaser - Flanger (**P.F.**)
- **Bank 3** (toggle switch left position) **Pair6** (left led on) Univibe – Rotary Speaker (**U.R.**)

With the Blend control lets you can choose to blend to blend the effects or use them separately (follow the instruction below)

- **Blend** all the way **off**: Pairs 1,3,5 as Phaser, Pairs 2,6 as Univibe, Pair4 as Vibrato.
- **Blend** all the way **on**: Pairs 1,4,6 as Rotary Speaker, Pairs 2,5 as Flanger, Pair3 as Univibe.

With the **Galactic** modulation you can create **five** different types of **Chorus** effect, when using **Pairs 2** or **5** by setting the Blend control all the way on while keeping the Depth control at very low settings. Spice up your Chorus effect by also blending it with the other effect of each pair. Create a **3D Chorus** effect when using **Pair4** by setting the Blend control all the way off and keeping the Depth control at about 12 o'clock. Adjust the speed of the chorus using the Speed control.

The **Galactic** modulation features three expression inputs for controlling the Speed and Depth of the effects, as well as how you choose to Blend them, making your live performance easier and letting you experiment even on stage! When an expression pedal is connected to the 'xp speed' input, the speed control will determine the max speed at the toe position of the expression pedal.

Missing the tone control on modulation pedals? The **Galactic** modulation features an internal trimmer letting you adjust the overall tone of the pedal!

Controls:

- **SPEED**: Adjusts the speed of each effect
- **DEPTH**: Adjusts the depth of each effect
- **BLEND**: Controls the blending of the effects
- **VOL**: Controls the overall volume of the pedal
- **BANK** toggle switch: 3 positions to select between the three banks of effects
- **TONE** internal trimmer: Controls the overall tone of the pedal

Specs:

- Handmade
- True Bypass
- Five basic modulation effects (Phaser, Univibe, Vibrato, Rotary Speaker, Flanger)
- Five different types of Chorus effect
- 1 Heavy Duty Foot-switch for enable / disable the pedal (right sided)
- 1 Heavy Duty Foot-switch for selecting between 2 pairs of each bank (left sided)
- Power supply: regulated 9-12V DC (center -)
- Max power consumption: 60mA @ 9V DC
- Heavy duty & light weight aluminum box
- Dimensions: 120mm(Width) x 95mm(Depth) x 34mm(Height)

'Each Tsakalis AudioWorks product comes with a limited life time warranty'

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