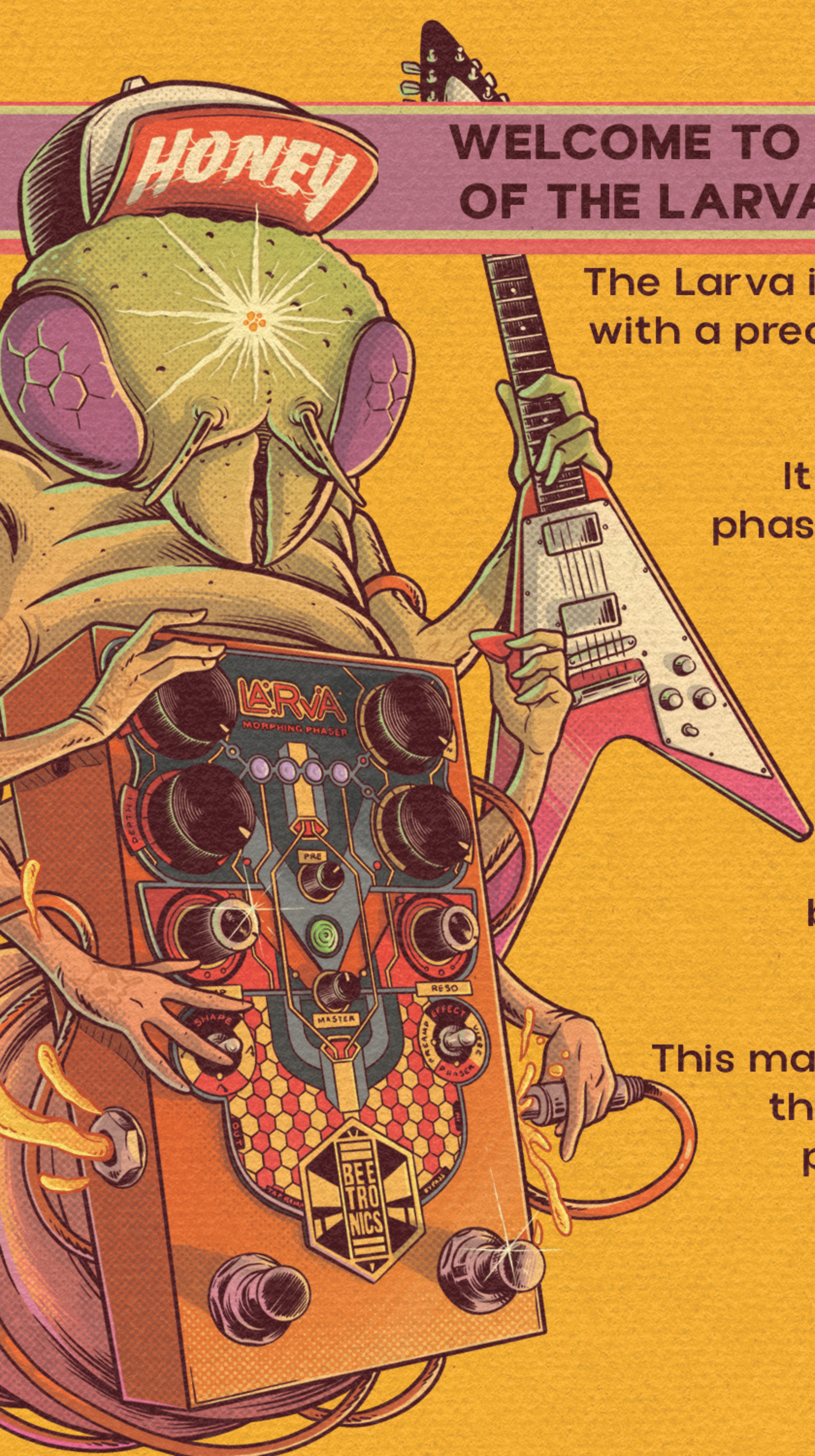




USER'S

MANUAL



WELCOME TO THE BUZZING WORLD OF THE LARVA MORPHING PHASER!

The Larva is a 6-stage analog phaser with a preamp section and morphing capabilities.

It features two independent phaser settings, allowing you to create unique sounds and transitions.

You can use it as a straightforward phaser, set up two different phaser presets, or morph between them for creative soundscapes.

This manual will guide you through the ins and outs of your new pedal, making sure you can unleash its full potential.

Let's dive in
and start morphing!

PHASER 1

RATE 1

Sets rate for Phaser 1

DEPTH 1

Sets depth for Phaser 1

DC JACK

+9vDC 2.1mm

RAMP INDICATOR

Indicates the ramp movements

RAMP

Sets the ramp speed

BYPASS LED

Indicates ON/OFF and acts as meter for the preamp gain.

RAMP SHAPE

Selects between 3 ramp shapes

OUTPUT

TAP RAMP FOOTSWITCH

TAP for Tap Tempo

HOLD to trigger ramp movement



MORPHING PHASER



PHASER 2

RATE 2

Sets rate for Phaser 2

DEPTH 2

Sets depth for Phaser 2

PREAMP STAGE

PRE

Preamp Gain

MASTER

Master Volume

RESO

Adjusts the resonance of the phaser

EFFECT TOGGLE

Selects between Preamp, Phaser or Vibee

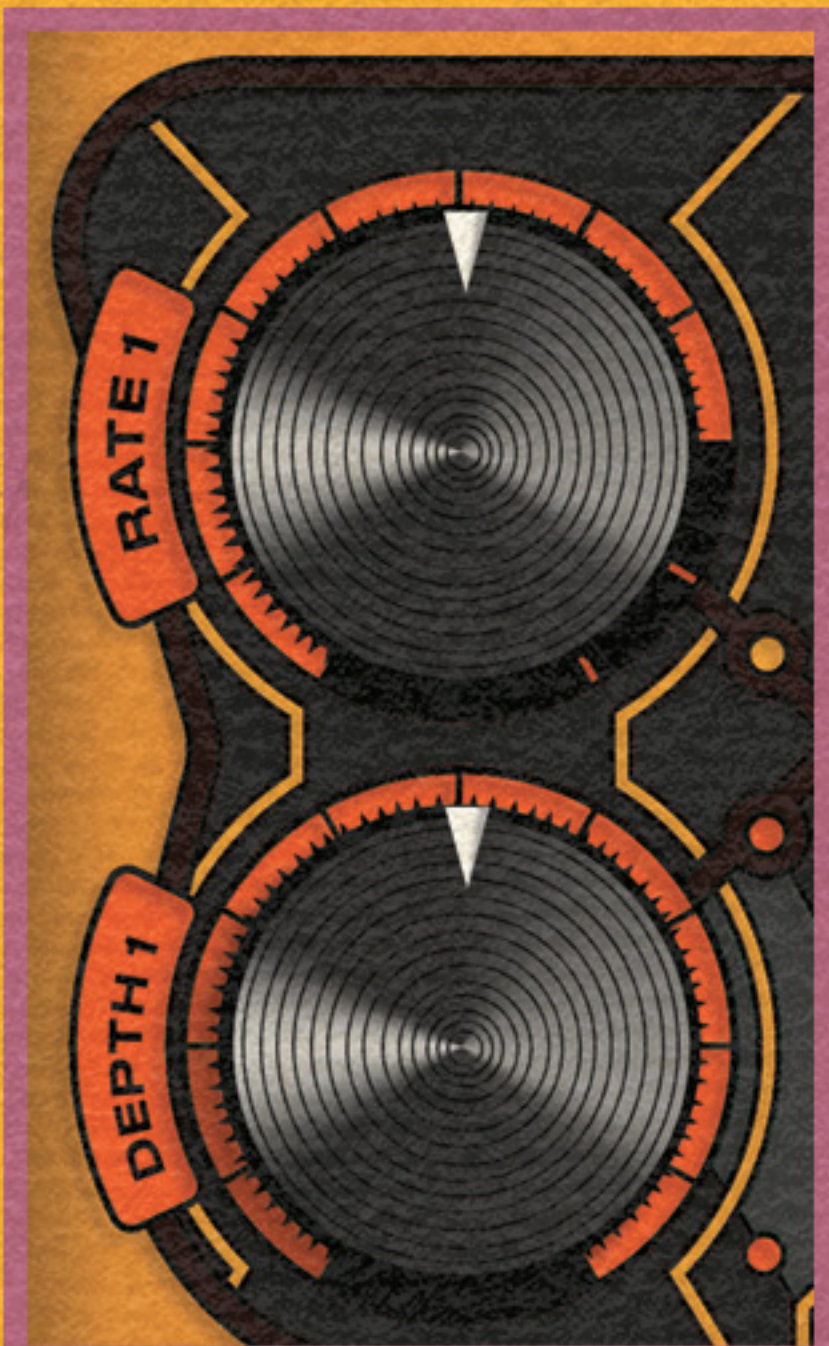
INPUT

BYPASS FOOTSWITCH

TAP for ON/OFF

HOLD to access secondary parameters

controls



PHASER 1

RATE 1

Sets the rate for Phaser 1.

DEPTH 1

Sets the depth for Phaser 1.

PHASER 2

RATE 2

Sets the rate for Phaser 2.

DEPTH 2

Sets the depth for Phaser 2.



common controls

These controls will affect both Phaser 1 and 2.

PRE

Controls the gain for the preamp section.

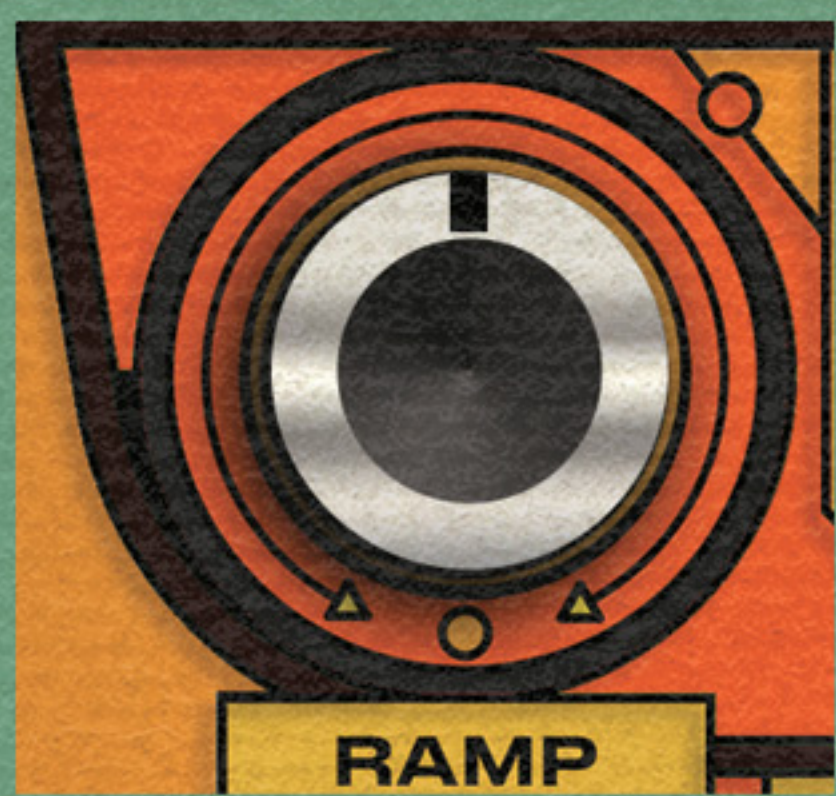
MASTER

Sets the pedal's master volume.

The preamp section, located before the phaser effect, impacts both dry and wet signals.

It sounds so great that we made it usable on its own.

The bypass LED doubles as a meter, changing from yellow to orange to red as you increase the gain.



RAMP

Determines the ramping speed for morphing between Phaser 1 and Phaser 2.

RESO

Adjusts the resonance of the phaser.



toggle switches

EFFECT



Selects between three effect options:

PREAMP : Only the preamp section is active.

PHASER: Phaser effect with vibrato and dry signal combined.

VIBEE: Vibee effect with only the wet signal (vibrato).

SHAPE

Selects between three RAMP shapes:



Moves from A to B and stays there.



Moves from A to B when held, ramps back when released.



Moves from A to B when held, returns immediately when released.



FOOTSWITCHES

BYPASS

Click: Turns the effect on/off.

Double-click: Flips between Phaser 1 and Phaser 2, inverting the ramp direction.

Hold: Accesses secondary parameters.

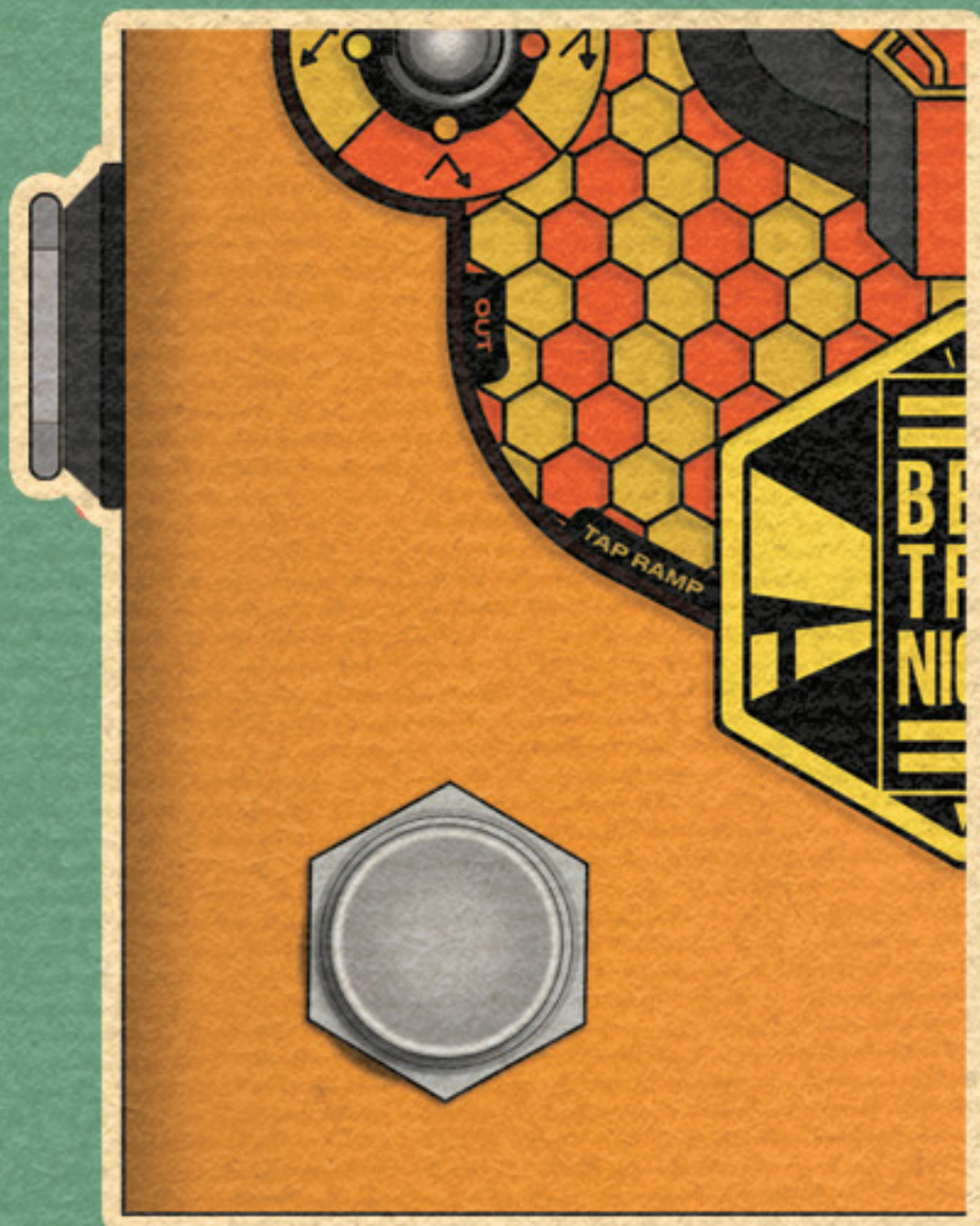


TAP / RAMP

Tap: Sets the tap tempo for the current phaser side (Phaser 1 or 2).

If the RAMP control is set to 0, the tap tempo function is disabled, and the footswitch switches between presets instantly.

Hold: Triggers the ramp movement up, releasing triggers the ramp movement down (depending on the ramp shape).



morphing guide

Start by setting up **Phaser 1** and **2**. Choose the rate and depth for each side. The last side you tweak will be the one your ramp will start.

Morphing Between **Phaser 1** and **Phaser 2**

- 1. Set Ramp Speed:** Use the **RAMP** knob to determine how long it takes to transition from **Phaser 1** to **Phaser 2**. A lower setting will make the transition quicker, while a higher setting will make it slower.
- 2. Choose Ramp Shape:** Use the **SHAPE** toggle to select one of the three ramp shapes:
 - **Shape 1:** Moves from A to B and stays there.
 - **Shape 2:** Moves from A to B when held, ramps back when released.
 - **Shape 3:** Moves from A to B when held, returns immediately when released.
- 3. Trigger Ramp Movement:** Hold down the **LEFT FOOTSWITCH** to start the ramp up and release it to ramp down (based on the selected shape).

morphing tips

INSTANT "PRESET" SWITCHING

Using **SHAPE 1**, set the **RAMP** to 0 or minimum to make the change between Phaser 1 and Phaser 2 immediate.

This makes the **LEFT FOOTSWITCH** an instant switch to flip between Phaser 1 and Phaser 2.

*Tap tempo is disabled when setting ramp to 0.

INSTANT MOMENTARY CHANGE

Set the **RAMP** to 0 and use **SHAPE** position 2 or 3.

The **LEFT FOOTSWITCH** will now instantly switch to the opposite phaser when held down, and return to the original phaser when released.

This feature is particularly cool when using the secondary parameter of **RATE 2** to create subdivisions of **RATE 1**, allowing for immediate changes between related LFO divisions.

secondary parameters

We wanted to keep the Larva straightforward and easy to use, but we also wanted to give you the option to dive deeper if you're into that. That's why we included a couple of secondary parameters. They're not essential for the pedal's basic functionality, so if you're not into deep dive tweaking, you can just ignore them.

But if you like exploring and experimenting, here's what you can do:

SUBDIVISIONS (RATE 2)

Hold the RIGHT FOOTSWITCH and tweak the RATE 2 knob. Instead of working linearly, RATE 2 now sets subdivisions of RATE 1 or the tap tempo speed. This is great for creating perfectly synced changes between two different speeds.

You can also think of this as TAP DIVISION. It will only apply to Phaser 2.

PHASER OFFSET (RAMP)

Hold the RIGHT FOOTSWITCH and tweak the RAMP knob. This controls the LFO center point, which is limited when DEPTH is at max.

It comes standard from the factory at the center, and if you never touch it, it will stay there. But if you tweak it, it will stay where you set it until you adjust it again. Experimenting with this and the resonance can lead to tons of different sounds.♫

