WALRUS
AUDIO

LUMINARY

INPUTS AND OUTPUTS

Power – 9-volt DC, Center Negative, 250ma minimum.

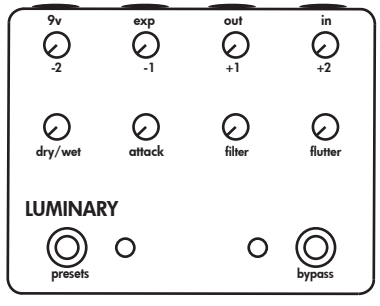
In – 1/4 inch cable to instrument.

Out – 1/4 inch cable to amplifier.

Exp – TRS ¼" jack for connecting an expression pedal.

Bypass LED - Illuminates when in effect mode.

Preset LED – Indicates what preset you are using (red, green, or blue), if you are in live mode (LED off), or if you have modified a preset (LED blinking the color of the preset that has been modified).



CONTROLS

-2, -1, +1, +2 –
The four knobs across the top of the pedal control the level of each octave. For example, turn up the +2 knob to hear only +2 octave, the -1 knob to hear only -1 octave, or any combination of the four knobs to mix the desired amount of each octave.

Dry/Wet – The Dry/Wet knob changes the ratio of dry to wet signal sent to the output. At minimum, you will hear no effect. Set it to noon for equal parts dry and wet. Set it to maximum for 100% wet – only the octave signal will will be heard. Explore the ground between minimum and noon for keeping the octave signal lower than unity gain. Explore the ground between noon and maximum for keeping your dry signal lower than unity.

Attack – The Attack knob controls how fast the octaves bloom in after your initial attack. At lower settings, the octaves will be right on top of your playing. The higher you set the Attack knob, the longer it will take for the octaves to swell in after your initial attack

Filter – The Filter knob controls the cutoff of a low-pass filter on the octave signals and also increases an envelope type effect at lower settings. Set this knob lower to dampen the higher octaves, and to hear more of a quaky envelope effect, great for getting cool funky tones. Set it higher to really let the octaves sing!

Flutter – The Flutter knob enables a vibrato effect that can be applied to the octaves. At zero, the vibrato effect is off. Increasing this knob turns the vibrato effect on and controls the rate of the effect. At lower settings, you hear a deeply modulated seasick effect, and when set higher, you can achieve some cool ring modulation type sounds.

LUMINARY OCTAVE GENERATOR
INSTRUCTION MANUAL

The Luminary is a powerful polyphonic quad octave generator with many useful features for creating inspiring symphonic goodness. With the ability to dial in any combination of four separate octaves including -2, -1, +1, +2, you are able to craft many different complex sounds and textures. The Luminary has three on board presets available for saving your go-to sounds, as well as live mode. This means you can have up to four unique sounds available at any moment. Get epic steel-like sounds with the modulation parameters unengaged. You'll find more experimental options with the filter control or seasick vibrato with the flutter knob. Couple the Luminary with an expression pedal to expand its creativity even more.

FOOT SWITCHES

Preset Switch – The Luminary has the ability to store three unique presets, as well as operate in live mode. The three presets are indicated by a red, green, or blue color on the preset LED. Live mode is indicated by the preset LED being off. Press this switch to scroll through the three available presets as well as live mode.

To save a preset, first scroll to the color you would like to save a preset to. Next set all knobs to the desired settings. Finally hold down the preset switch until the flashing LED turns solid. Those settings are now saved to the color you started with.

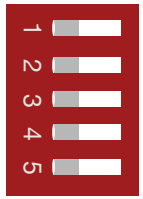
Live mode reads the current position of all 8 knobs. Once you have saved three presets, you can set the knobs to a 4th setting and access that sound by scrolling to live mode (preset LED off) with the preset switch. This essentially gives you four presets that can be recalled with the press of a button.

Bypass Switch - Press switch to turn on (effect mode) and again to turn off (bypass mode).



EXPRESSION PEDAL

1/4 inch TRS jack for connecting a standard expression pedal. The Luminary has five internal dip switches that let you divert control of certain knobs to an expression pedal. Each dip switch corresponds with a specific knob, or combination of knobs. You can turn on any combination of dip switches you like. The knobs associated with each dip switch are listed below.



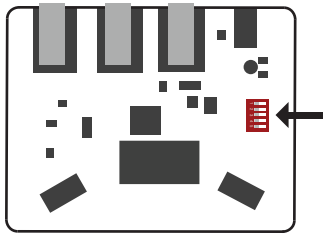
Switch 1: -1 and +1 Octave Volume

Switch 2: +1 Octave Volume

Switch 3: Attack Control

Switch 4: Flutter Control

Switch 5: Dry/Wet Control



To use the expression pedal, first unplug the Luminary from power. Remove the four back plate screws. Use a pen or small screwdriver to switch the dip switches corresponding to the knobs you would like the expression pedal to control. Replace the back plate and four screws. With the power still disconnected, plug in the expression pedal, and then plug in the power cord. You now have control via the expression pedal of the knobs corresponding to the dip switches you turned on. The expression pedal will control the selected knobs regardless of which preset you are using. Never plug or unplug the expression pedal with the power connected.

SETTING PRESETS

The Luminary has the ability to store three unique presets, as well as live mode. The three presets are indicated by a red, green, or blue color on the preset LED. Live mode is indicated by the preset LED being off. Press this switch to scroll through the 3 available presets as well as live mode.
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