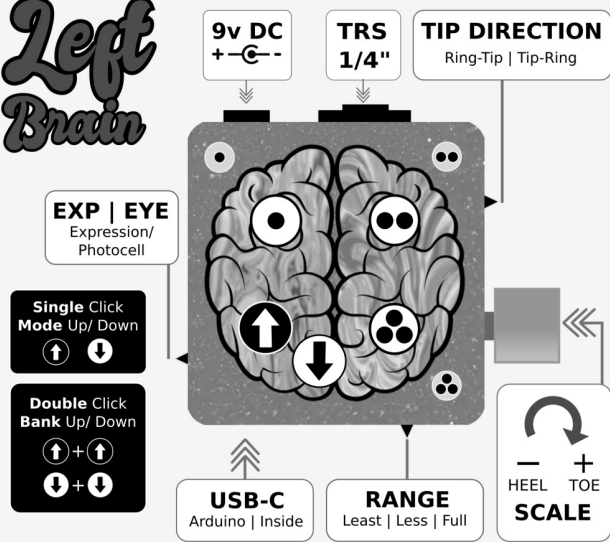
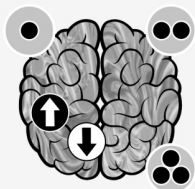


Left Brain



P E D A L B R A I N Z

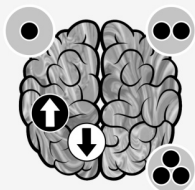


Left Brain

LIGHT LOOPZ | LONG-HOLD UP

Light Loopz Mode allows for the Recording of a combination of Manual Fade and/or Momentary Full Brightness that plays back with adjustable Speed and Brightness.

1	<p>Long Hold Enter</p> <p>↑</p> <p>Long Hold Exit</p>	<p>Light Loopz</p> <ul style="list-style-type: none"> ↑ Toggle Start / Stop Recording ↓ Momentary Brightness (Record) • Playback Brightness •• Speed (Record / Playback) ••• Manual Brightness (Record)
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Left Brain

DATAZ AND RESETZ

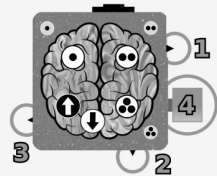
The Left Brain saves the active **Bank** and **Mode** when the device is powered off. Additionally, data related to the **Maximum Brightness** of the knob LEDs and **Duration Multiplier** is also saved.

<p>Long Hold Reset</p> <p>↑</p> <p>+</p> <p>↓</p>	<p>Reset to Default</p> <p>Hold the Up and Down buttons for 3 seconds while powered.</p> <p>Hard Reset to Default</p> <p>Hold Up and Down buttons while connecting to power.</p>
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SUGGESTED INSTRUCTIONS

Initial Settings

- 1 Tip Direction: **TR**
- 2 Range: **Full**
- 3 EXP | EYE: **EXP**



- 4 **Scale**
 Rotate Fully **Clockwise** for **Toe Down**
 Rotate Fully **Counter-Clockwise** for **Heel Down**

- Adjustments**
- 3 **EXP** is for full manual expression control
EYE adds light-dependent expression control
 - 2 If **Scale** does not express effect fully, try adjusting the **Range** switch
 - 1 If there is no expression change when manually adjusting **Scale**, try changing **Tip Direction**

Digital Calibration
 Use **EXP** to set **Expression Calibration** then switch to **EYE** once completed

UTILITYZ | LONG-HOLD DOWN

1	<p>Long Hold Enter</p> <p>↓</p>	<p>Max Bright</p> <p>•• Sets Max Brightness For Knob LEDs</p>	<p>Single-Click to Exit</p> <p>↑ or ↓</p>
2	<p>Long Hold Advance</p> <p>↓</p>	<p>Speed/ Duration Multiplier</p> <p>•• Sets a Multiplier Amount x1, x2, x3</p> <p>Symbol next to Control Indicates Multiplier</p>	
3	<p>Long Hold Advance</p> <p>↓</p>	<p>Color Mixer</p> <p>Changes all LED Colors</p> <ul style="list-style-type: none"> • Red •• Green ••• Blue 	
4	<p>Long Hold Exit</p> <p>↑ or ↓</p>	<p>Memory Game</p> <ul style="list-style-type: none"> ↑ ● Blue (Left) LED ↓ ● Orange (Right) LED 	

FREQUENTLY ASKED QUESTIONZ

How does the Left Brain work?
 A photoresistor inside uses patterns of light generated by an Arduino micro-controller to create passive resistance with effects that support expression control

Does it work with CV?
 The Left Brain does not generate CV, however, it can passively modulate CV passed through it

What power supply works best?
 A 9v DC tip-negative sleeve positive supply isolated from other effects is optimal

Can I write my own Modez?
 Yes, you can access the full operating code and update instructions for the Left Brain at: pedalbrainz.com

1 GREATEST HITZ 1

ATTRACTORZ TRIPLE

10

ATTRACTORZ DOUBLE

9

ATTRACTORZ SINGLE

8

MOUNTAINZ RANDOM

7

MOUNTAINZ REPEAT

6

RAINBOWZ RANDOM

5

RAINBOWZ

4

TRIANGLEZ RANDOM

3

TRIANGLEZ

2

1

SQUAREZ

1 GREATEST HITZ 1

10 BRIGHTNESS SPEED RANDOMNESS

9 BRIGHTNESS SPEED RANDOMNESS

8 BRIGHTNESS SPEED RANDOMNESS

7 WAIT CHANCE SPEED RANDOMNESS

6 WAIT CHANCE SPEED RANDOMNESS

5 BRIGHTNESS SPEED DARK DURATION

4 BRIGHTNESS SPEED DARK DURATION

3 BRIGHT DURATION SPEED RANDOM DARK DURATION

2 BRIGHT DURATION SPEED DARK DURATION

1 BRIGHTNESS SPEED BRIGHTNESS

2 SHAPEZ 2

TWINKELZ

10

SAWZ RANDOM

9

SAWZ DOWN RANDOM

8

SAWZ DOWN

7

SAWZ UP RANDOM

6

SAWZ UP

5

TRIANGLEZ ATTRACTORZ

4

TRIANGLEZ DOUBLE

3

SQUAREZ RANDOM

2

1

SQUAREZ TILT

2 SHAPEZ 2

10 BRIGHTNESS SPEED FADE SPEED

9 BRIGHT DURATION SPEED DARK DURATION

8 BRIGHT DURATION SPEED RANDOM DARK DURATION

7 BRIGHT DURATION SPEED DARK DURATION

6 BRIGHT DURATION SPEED RANDOM DARK DURATION

5 BRIGHT DURATION SPEED DARK DURATION

4 BRIGHTNESS SPEED RATE OF CHANGE

3 SPEED 1 SPEED SPEED 2

2 BRIGHT DURATION SPEED RANDOM DARK DURATION

1 BRIGHT DURATION SPEED DARK DURATION

3 RAINBOWZ 3

POPZ

10

RAINBOW SQUAREZ MODULATE

9

RAINBOW SQUAREZ

8

SAWZ RANDOM RANDOM

7

SAWZ RANDOM ONCE

6

SAWZ SET

5

STEPZ RANDOM RANDOM

4

STEPZ RANDOM ONCE

3

STEPZ SET

2

1

RAINBOWZ SHIFT

3 RAINBOWZ 3

10 BRIGHTNESS SPEED RANDOMNESS

9 BRIGHTNESS SPEED DARK DURATION

8 BRIGHTNESS SPEED DARK DURATION

7 BRIGHTNESS SPEED SAW DIRECTION

6 BRIGHTNESS SPEED SAW DIRECTION

5 BRIGHTNESS SPEED SAW DIRECTION

4 1ST DURATION SPEED 4TH DURATION

3 1ST DURATION SPEED 4TH DURATION

2 BRIGHT DURATION SPEED MIN DURATION

1 BRIGHTNESS SPEED HUE

