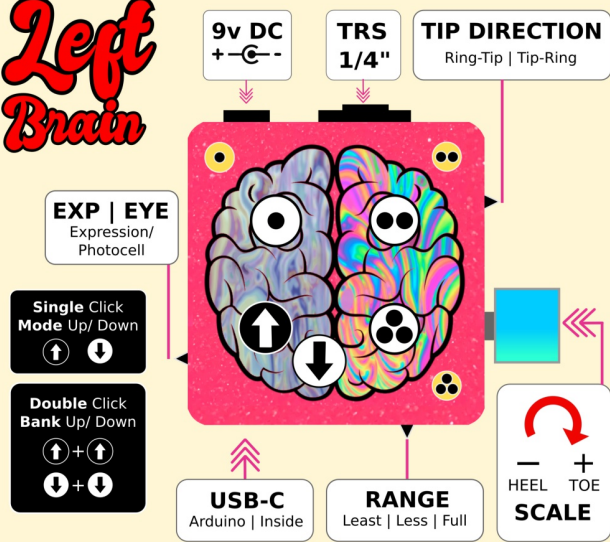


Left Brain



P E D A L B R A I N Z

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



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 Long Hold Enter
↑ Long Hold Exit
- Light Loopz
 - ↑ Toggle Start / Stop Recording
 - ↓ Momentary Brightness (Record)
 - Playback Brightness
 - Speed (Record / Playback)
 - Manual Brightness (Record)

UTILITYZ | LONG-HOLD DOWN

- 1 Long Hold Enter
↓ Single-Click to Exit
- 2 Long Hold Advance
↓ Speed/ Duration Multiplier
● Sets a Multiplier Amount x1, x2, x3
Symbol next to Control Indicates Multiplier
- 3 Long Hold Advance
↓ Color Mixer
● Red
● Green
● Blue
- 4 Long Hold Exit
↑ or ↓ Memory Game
● Blue (Left) LED
● Orange (Right) LED



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.

- 1 Long Hold Reset
↑ + ↓
- Reset to Default
Hold the Up and Down buttons for 3 seconds while powered.
- Hard Reset to Default
Hold Up and Down buttons while connecting to power.

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

10 ATTRACTORZ TRIPLE

9 ATTRACTORZ DOUBLE

8 ATTRACTORZ SINGLE

7 MOUNTAINZ RANDOM

6 MOUNTAINZ REPEAT

5 RAINBOWZ RANDOM

4 RAINBOWZ

3 TRIANGLEZ RANDOM

2 TRIANGLEZ

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

10 TWINKELZ

9 SAWZ RANDOM

8 SAWZ DOWN RANDOM

7 SAWZ DOWN

6 SAWZ UP RANDOM

5 SAWZ UP

4 TRIANGLEZ ATTRACTORZ

3 TRIANGLEZ DOUBLE

2 SQUAREZ RANDOM

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

10 POPZ

9 RAINBOW SQUAREZ MODULATE

8 RAINBOW SQUAREZ

7 SAWZ RANDOM RANDOM

6 SAWZ RANDOM ONCE

5 SAWZ SET

4 STEPZ RANDOM RANDOM

3 STEPZ RANDOM ONCE

2 STEPZ SET

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

