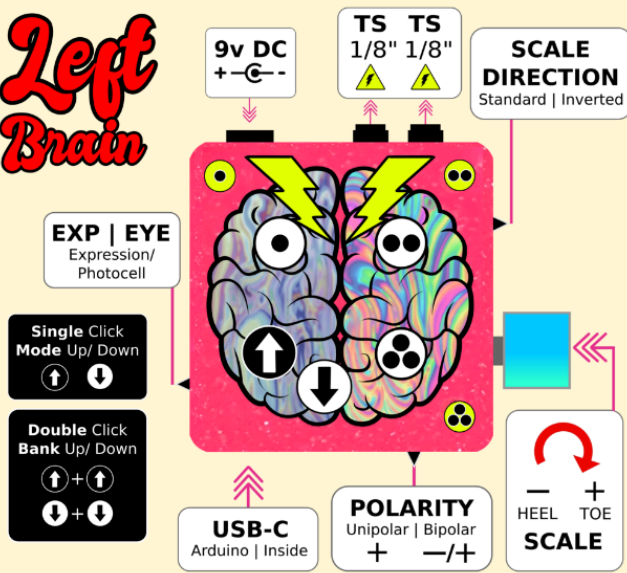


Left Brain



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 (up arrow) of a combination of Manual Fade (lightbulb) and/ or Momentary Full Brightness (down arrow) that plays back with adjustable Speed (lightbulb) and Brightness (lightbulb).

- Long Hold Enter** (up arrow)

Long Hold Exit (down arrow)

Light Loopz

 - (up arrow) Toggle Start / Stop Recording
 - (down arrow) Momentary Brightness (**Record**)
 - (lightbulb) Playback Brightness
 - (lightbulb) Speed (**Record / Playback**)
 - (lightbulb) Manual Brightness (**Record**)



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** (lightbulb) is also saved.

- Long Hold Reset** (up arrow)

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.

SUGGESTED INSTRUCTIONS

Initial Settings

- Scale Direction: **STD**
- Polarity: + **Unipolar**
- EXP | EYE: **EXP**



- Scale - Rotate Clockwise**

Unipolar: 0 to 5V (**STD**) or 5V to 0V (**INV**)

Bipolar: -5V to +5V (**STD**) or +5V to -5V (**INV**)

Adjustments

- EXP** is for full manual control voltage

EYE adds light-dependent control voltage
- Polarity** changes the control voltage from + **Unipolar** 0 to 5V to ± **Bipolar** -5V to +5V (lightbulb)
- Scale Direction** selects between Standard (**STD**) and Inverted (**INV**) voltage

Digital Calibration

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

UTILITYZ | LONG-HOLD DOWN

- Long Hold Enter** (down arrow)

Max Bright

(lightbulb) Sets Max Brightness For Knob LEDs
- Long Hold Advance** (down arrow)

Speed/ Duration Multiplier

(lightbulb) Sets a Multiplier Amount x1, x2, x3

Symbol next to Control Indicates Multiplier (lightbulb)
- Long Hold Advance** (down arrow)

Color Mixer

 - (lightbulb) Red
 - (lightbulb) Green
 - (lightbulb) Blue

Changes all LED Colors
- Long Hold Exit** (up arrow) or (down arrow)

Memory Game

 - (up arrow) (lightbulb) Blue (Left) LED
 - (down arrow) (lightbulb) Orange (Right) LED

FREQUENTLY ASKED QUESTIONZ

How does the Left Brain CV work?

A photoresistor inside uses patterns of light generated by an Arduino micro-controller to change the amount of voltage output.

Does it work with Expression?

The Left Brain CV can be used with effects using a TS to TRS "floating ring" method where specified by the effect manufacturer.

INCORRECT VOLTAGE CAN DAMAGE EFFECT PEDALS!

Follow manufacturers specifications for safe operation

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 at: pedalbrainz.com

