

## Weslie (Sort of Leslie Simulator) Instructions

Version 2015 November 17

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This is a so-called Leslie Simulator from 1971. It doesn't sound much like a Leslie to us, so we altered the name to "Weslie" since it has some very nice warble and wah type modulations sounds on some settings. It does have somewhat of a Leslie sound on some settings and with the right tones going into the unit (it was, of course, designed for an organ input).

Follow the General Instructions and the Part Placement/Wiring Diagram. Look at the original article for instructions on how to use it and how to set the trimmers and controls.

We used 2N4401 or 2N5089 transistors for Q1, Q3 and Q4. Q2 is MPF102. D1 (the Zener) is 1N5232B.

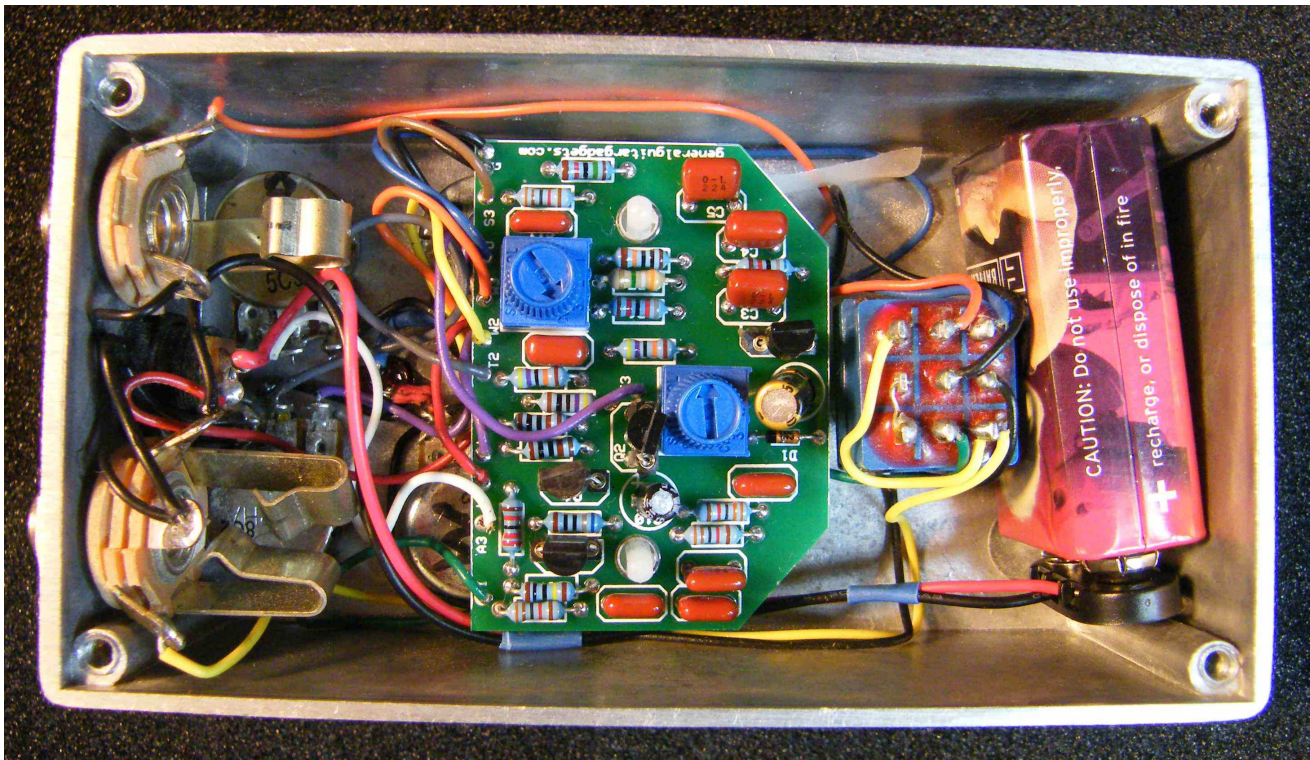
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Have fun, comments and questions are welcome and can be sent to [info@generalguitargadgets.com](mailto:info@generalguitargadgets.com)

Here is a chart of voltages taken at the transistor pins. This information can be used to help you find and fix problems if your Weslie doesn't work when you test it.

Component	Location	Voltage
9 volt supply		9.2v
Q1	Collector	1.6v (varies with speed)
	Base	0.6v
	Emitter	0v
Q2	Drain	4.8v
	Source	0.01v



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Component	Location	Voltage
	Gate	2.0v (varies with speed)
Q3	Collector	3.5v
	Base	1.8v
	Emitter	1.3v
Q4	Collector	9.2v
	Base	3.5v
	Emitter	2.9v