

Ibanez™ CP10™ Compressor Replica Instructions

Version 2015August19

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The **Ibanez™ CP10™ Compressor** is a great little 3-knob compressor! A little more complex to build than some of the other compressors, but well worth the effort.

Use the project documents provided, starting with the General Build Instructions. Notice that nearly all the resistors are standing on end. Make sure that the resistors are positioned standing up as straight as possible to avoid any short circuits between components.

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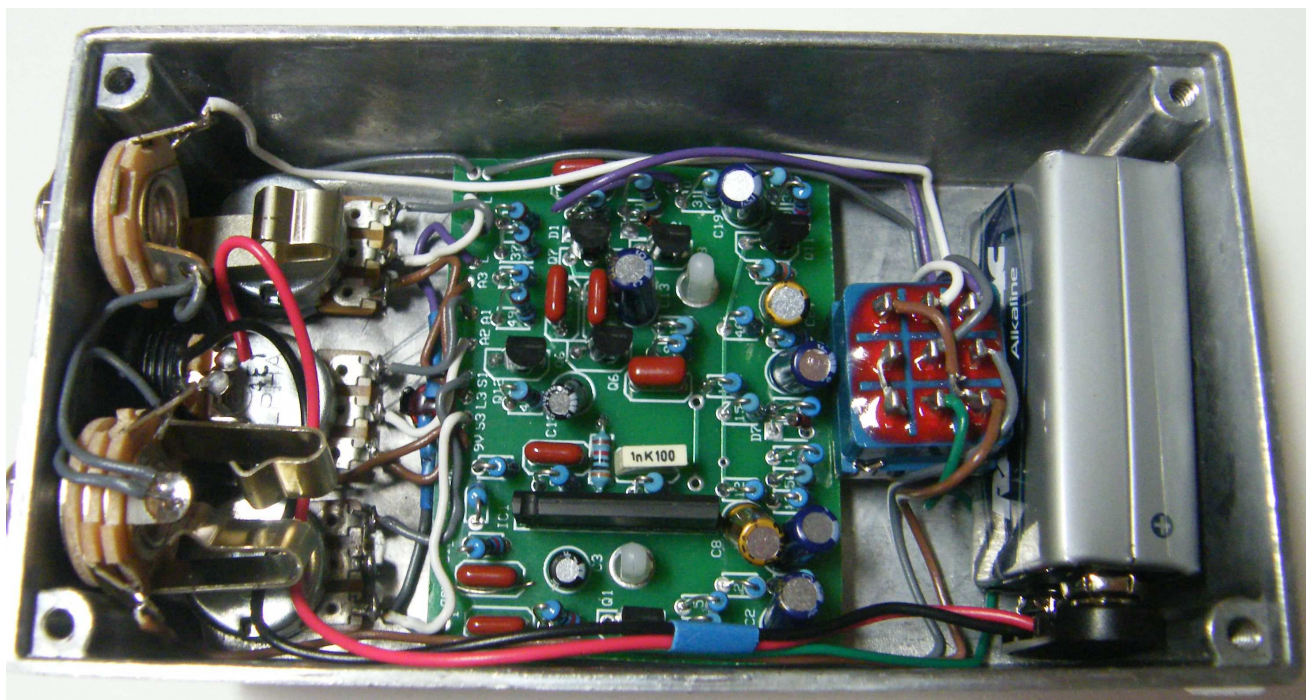
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Here's an inside view of the unit we built to give you some general ideas if needed.





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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 GRO doesn't work when you test it.

Component	Location	Voltage
9 volt power supply		9.4
IC1	4.0v	4.7v
	Pin 2	4.7v
	Pin 3	0.07v
	Pin 4	1.0v
	Pin 5	0v
	Pin 6	4.5v
	Pin 7	4.5v
	Pin 8	4.6v
	Pin 9	9.4v
Q1	Collector	9.4v
	Base	0.6v
	Emitter	0v
Q6	Collector	7.0v
	Base	3.0v
	Emitter	2.4v
Q7	Collector	9.3v
	Base	0v
	Emitter	0v
Q8	Collector	9.3v
	Base	0v
	Emitter	0v
Q11	Collector	9.4v
	Base	4.2v



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	Emitter	3.8v
Q12	Collector	9.4v
	Base	9.2v
	Emitter	8.8v

Comments and questions are welcome and can be sent to info@generalguitargadgets.com