



## **GUIDE: build your own pedal**

Do you have a TAMPCO Business card? Awesome! Follow this guide to build your own effect pedal from it! Different versions exist: vibrato, vintage or modern fuzz, boost or overdrive...

**Important notice: I can't provide technical support for these projects.**

If you're a beginner, making mistakes is perfectly fine, fixing them is what makes you learn! The cards were all tested and function, you just have to carefully follow the instructions. You may also hurt yourself when soldering or drilling, so be really careful! TAMPCO Pedals and Amplifiers won't be held responsible for the damage cause to beings or objects by the end user. You take the whole responsibility of following this guide. To sum it up: just have fun!

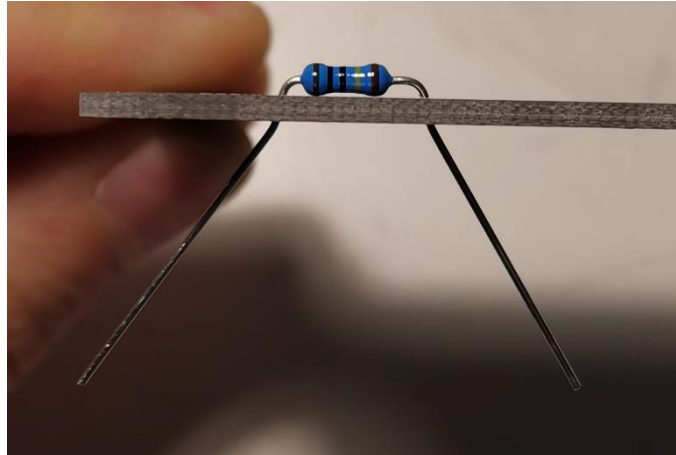
**What you will need:** in order to build your own pedal

- A drill
- 2mm, 6.5mm, 8mm, 10mm and 12mm metal drill bits
- A soldering iron
- A roll of solder
- A desoldering pump or desoldering braid, if you make a mistake
- Cutting pliers
- A wire stripper
- Some wires, preferably of different colors
- A multimeter, to help you debug the pedal
- The components indicated in the bill of materials (at the end of this document)
- The drill guide for the enclosure (last page of this document)

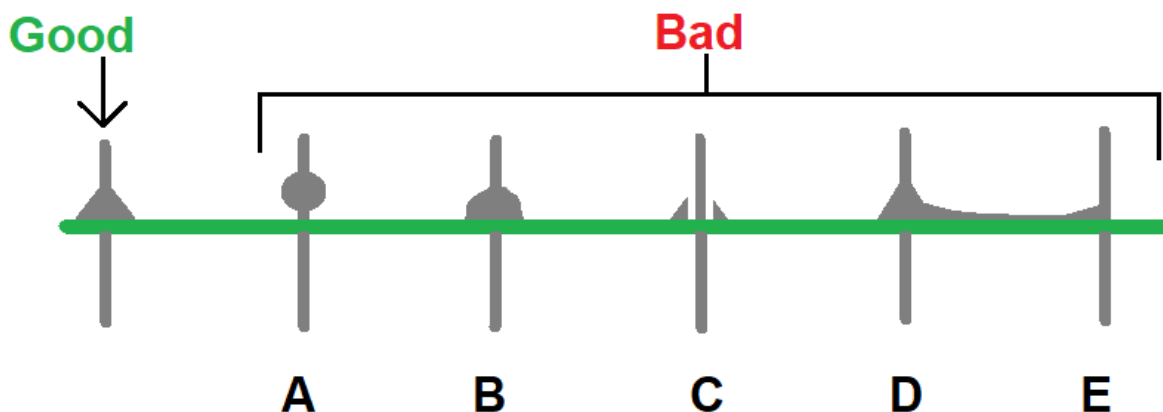
## Solder components on the board:

In order to properly solder the components on the board, insert them one by one starting with the smallest ones. I suggest soldering resistors first, then diodes, capacitors, transistors and integrated circuits (chips), and last the potentiometers.

When putting a component in the board, slightly bend its legs so that it does not fall, then flip the board over and solder on the other side.



You can now solder the legs of the component. Put the tip of the soldering iron against both the component leg and the circuit board's pad, and bring a bit of solder on the pad. It should flow nicely, with a bit of fumes, wait a second or two and remove the iron. The solder joint should look like the left one on this drawing:

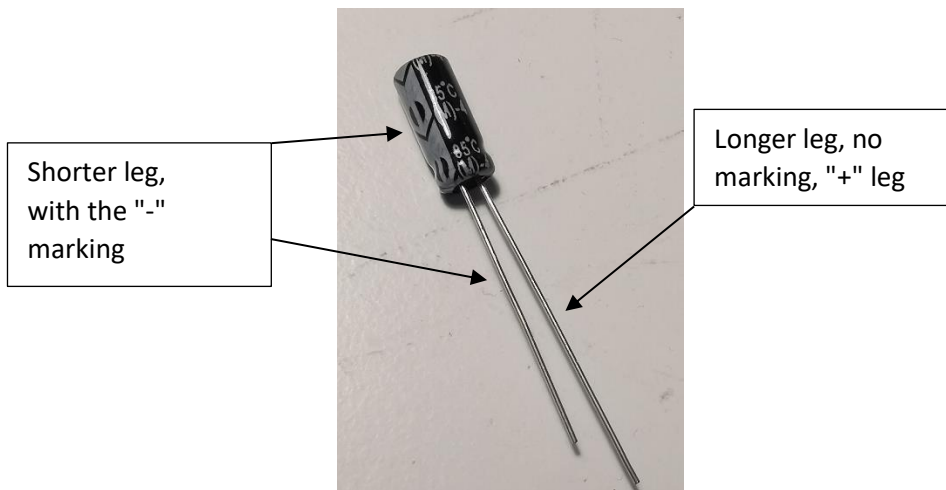


Source: [digikey.fr](http://digikey.fr)

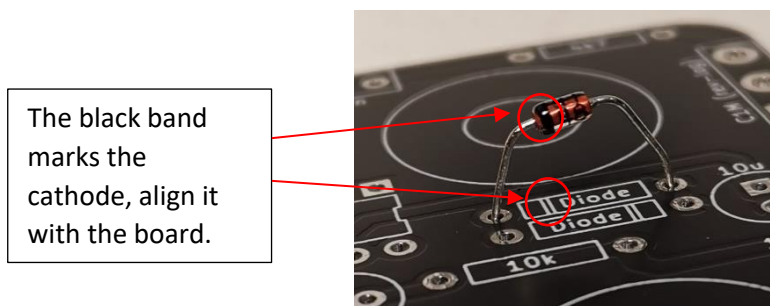
Do that again for all the other components of the board.

Some components, like diodes and some capacitors, need to be correctly orientated on the board. Pay attention to the marking on the component and on the board:

- Electrolytic capacitors have a longer leg, going into the square pad on the board, for the "+" side of the component. There is often a marking of the "-" side on the capacitor with a continuous arrow and the "-" symbol, where the smaller leg is. The longer leg should go in the square pad, and the shorter one in the round pad on the board.



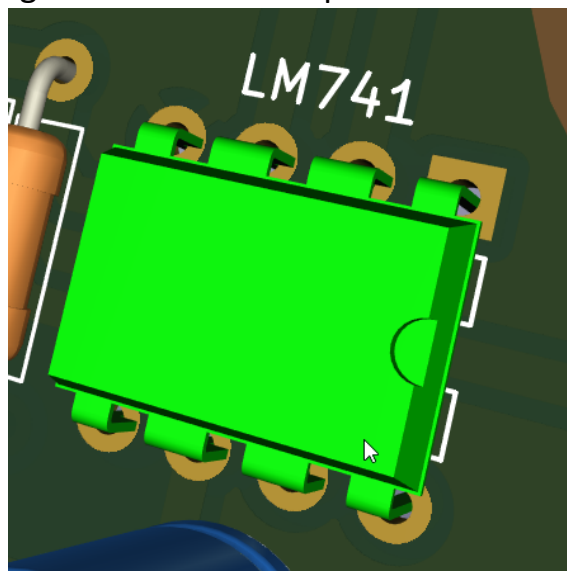
- Diodes have a black or colored band that indicates the component cathode. Just place the component the same way it is shown on the board.



- Transistors have three legs and either a metallic top (BC108) or a half-moon plastic top (MPSA18, 2N5088). In both cases, just place the component as shown on the PCB footprint.



- Integrated circuits (chips) often have a dot marking the pin 1, corresponding to the board's square pad. They also often have a half-moon shape that should align with the one on the board. Here is an example of an IC placed correctly in my 3D modelling software. It appears in green and you can clearly see the half-moon shape on the component aligning with its white footprint underneath.



If you have any doubts, feel free to use this kind of socket that allows for unplugging the IC: <https://www.taydaelectronics.com/connectors-sockets/sockets/dip-sockets/8-pin-dip-ic-socket-machine-tooled.html>

Component values are written on the board. Pay close attention to what is written in order to place the components in the right spot.

- Resistors are marked like this: 10k, 4k7, 1M... This value, in Ohms, is the value of the resistor to put at that place.

10k means 10kOhm, hence 10 000 Ohm.

4k7 means 4.7kOhm, hence 4 700 Ohm.

1M means 1Mohm, hence 1 000 000 Ohm!

- Capacitors are marked like this: 100p, 4n7, 1u, 100u... This value, in Farad, is the value of the capacitor to put at that place.

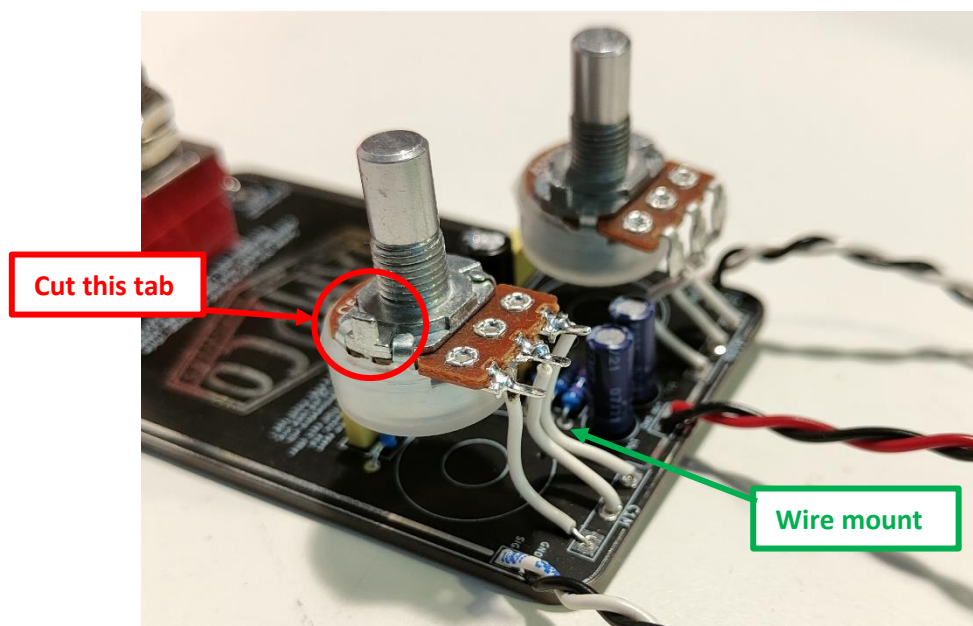
100p means 100pF, hence 0.0000000001 F – that's small indeed!

Like the resistors, 4n7 means 4.7 nF, hence 4.7 billionth of Farad.

1u equals 1  $\mu$ F, hence 1 millionth of Farad, 100u equals 100  $\mu$ F, and so on...

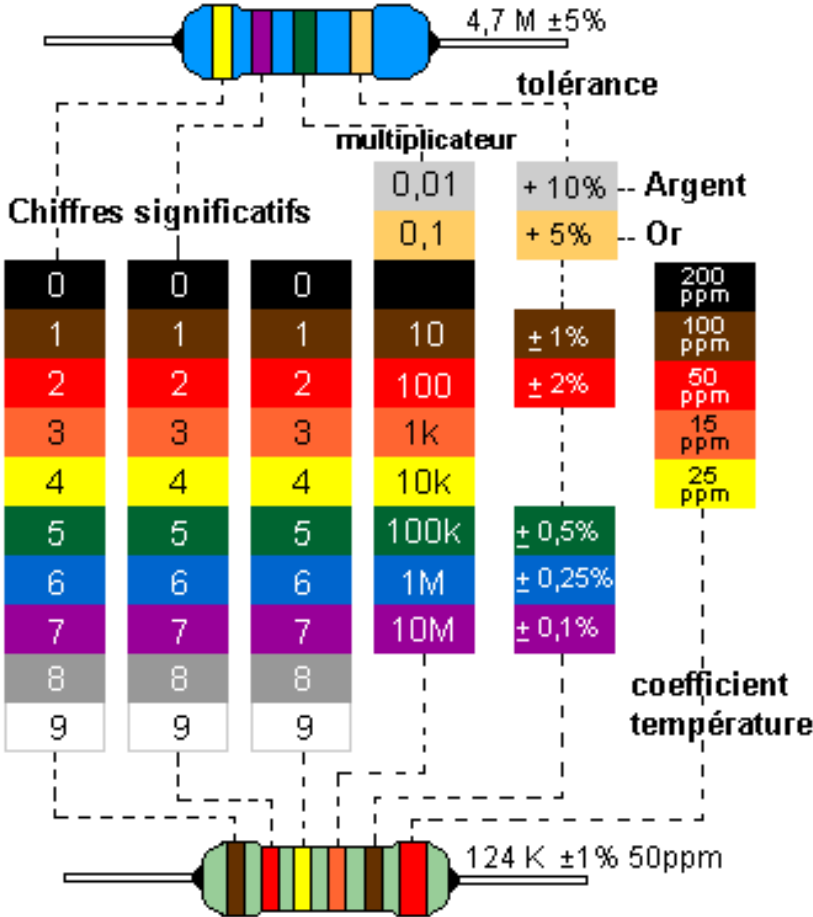
**- Very important, the LED should not be soldered in right now ! We need to install it properly in the enclosure first.**

- Potentiometers are written the same way as resistors – being variable resistors themselves in essence – but with an additional letter: A, B or C. A indicates a logarithmic/audio pot, B will be for a linear pot, and C is anti-log or rev-log, being the complement of pot type A. **They have a little rectangular tab close to the axis : it will prevent the pot from fitting the hole in the enclosure. Just bend it away to break it.** Use some length of wire to solder the potentiometers to the board, as this will ease mounting them on the enclosure.



If you just follow the guide with all the links to buy the correct components, everything should work fine! If you are not sure about the value of a resistor, you can use the multimeter as an ohmmeter to measure it. Just select the correct resistance range and place the probes on each leg.

If you have good vision you can refer to the resistor color code:



Source: Anasounds.com

Once all the components are mounted on the board, you can solder the wires for the 9V power supply, input and output jacks. Be sure to leave enough length for the wiring in the enclosure, a few centimeters should be enough (about 5cm).

To ease the building process, use black wires for GND pads, a red wire for the +9V pad and two white wires for the SIG pads.

The business card should now look like this:





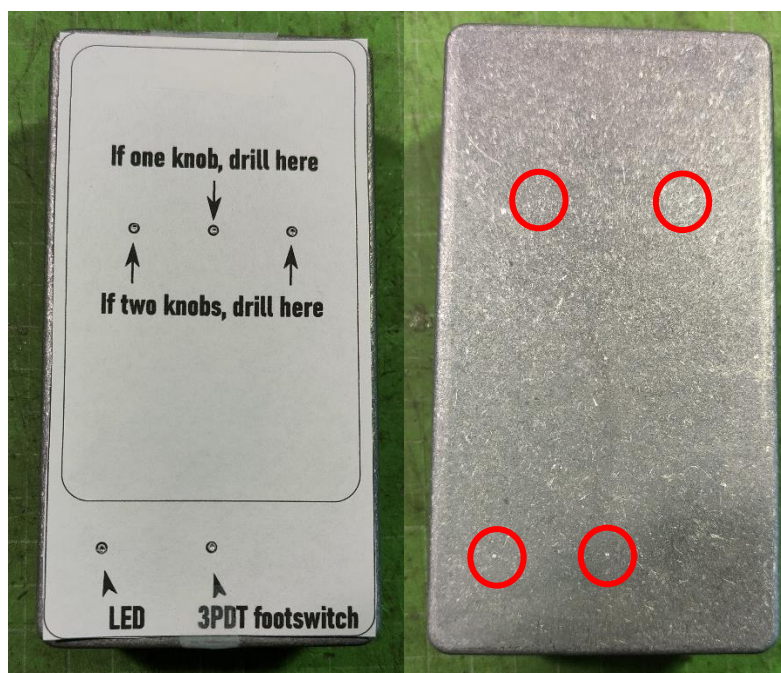
## Enclosure drilling:

If you order through Tayda Electronics, they offer a custom drilling service. Just select one of the following link (you'll need to create an account first) :

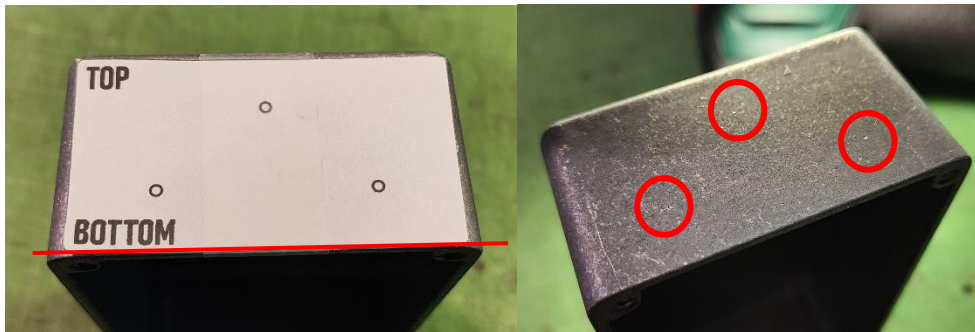
- For a single potentiometer pedal :  
[https://drill.taydakits.com/box-designs/new?public\\_key=Vmdsc3l1UUhxN2Rhc0R6cDBnMG05QT09Cg==](https://drill.taydakits.com/box-designs/new?public_key=Vmdsc3l1UUhxN2Rhc0R6cDBnMG05QT09Cg==)
- For a two potentiometers pedal :  
[https://drill.taydakits.com/box-designs/new?public\\_key=L2dnVGpmbHppMVEwRS83TFhhcW5rUT09Cg==](https://drill.taydakits.com/box-designs/new?public_key=L2dnVGpmbHppMVEwRS83TFhhcW5rUT09Cg==)

When you open the link, log in to your Tayda drilling account, then save the design. After placing an order, wait for 10-15 min then go to the drilling service webpage and select which enclosure you want drilled with the correct template.

If you choose not to go with Tayda drilling service, time to do it yourself ! Print the template on a piece of paper and cut it along the edges. You will have the front template and top template. Use some tape to maintain the front (bigger) sheet on the pedal and use the 2mm drill bit to mark down the position of the footswitch, LED and the knob(s). If your business card has only one knob, drill the center circle. If it has two, drill the outer ones.



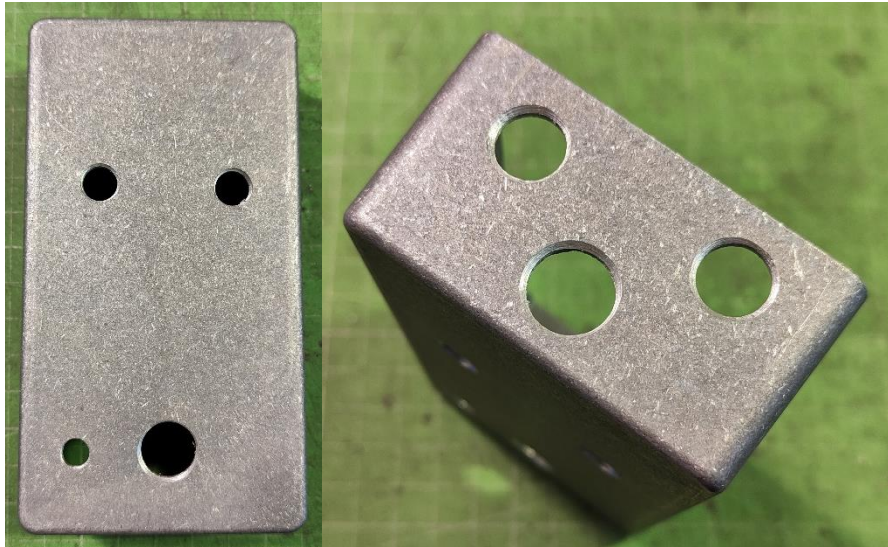
Now, use the top sheet to do the same for the 9V power supply, input and output jacks. **Be careful to align the bottom of the sheet with the bottom of the enclosure.**



Once the center of each hole marked with the 2mm drill bit, remove the paper and drill with the 2mm bit through the enclosure. You can now progressively drill the holes with a stepped drill, or by changing the drill size for a bigger one each time. The final hole diameters should be as follow:

- 6.5mm for the LED holder
- 8mm for the potentiometers
- 10mm for the input and output jacks
- 12mm for the footswitch
- 12mm for the DC connector

It should now look like this:



Many techniques exist to make the pedal look cool: permanent marker, waterslide decal, transparent vinyl sheets, UV printing, laser engraving... Everyone has its own! Here at TAMPCO we like bicolor engraved plastic sheets, but many companies use UV printing or screen printing. Tayda Electronics has a UV printing service and a drilling service as well if you're not feeling confident about drilling the pedal yourself.

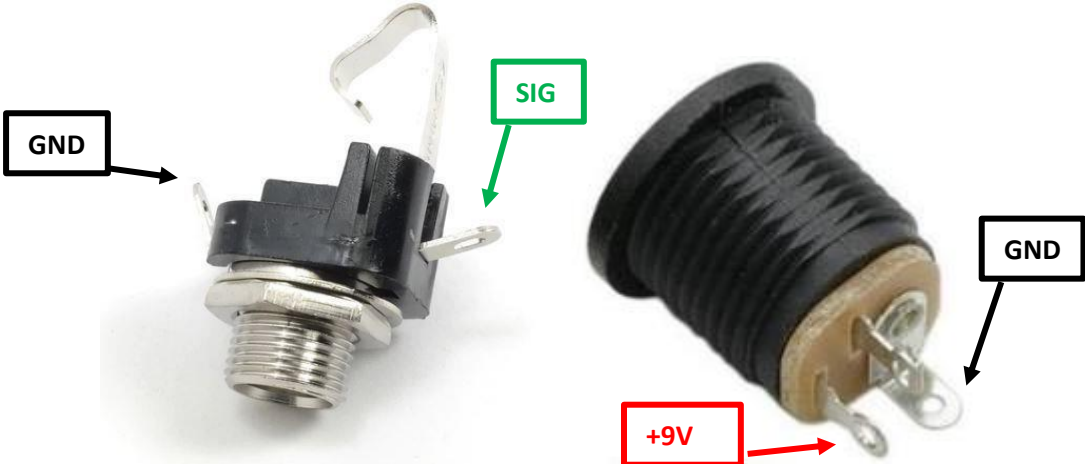
## Final assembly:

1. Remove the nuts and washer from the footswitch
2. Place the LED holder in its hole. If it moves too much, glue it using some hot glue.
3. Install the DC power supply connector and screw it in place.
4. First insert the potentiometers and tighten them with their washers and nuts.
5. Solder the power supply connector.
6. Place the dented washer on the footswitch axis and insert the LED in its place without soldering it (the long leg in the “+” pad).
7. Rotate the electronic board and install the footswitch in its hold, then tighten it with its flat washer and nut.
8. Push down the LED until it fits in the LED holder, then solder it and cut the remaining legs.
9. Install the input and output jacks and tighten them, then solder the input and output wire pairs.

Now, your pedal should look like that :



Here are the connectors pinout if you need any help wiring them :



Source : [taydaelectronics.com](http://taydaelectronics.com)

You can now plug a power supply in your pedal and try it out!

## **Is it not working? Here are some clues!**

Check all your solder joints and make sure they are done correctly. Check component values to be sure they are placed in the right spots. Most of the time, the problems come from here. Next, check the board wiring to the power supply, jacks and footswitch.

The Business Vibe is a bit special: it is normal not to hear much of the effect if the inside of the enclosure is exposed to light, the effect needs to be tested in the dark. You can close the enclosure lid, or turn off the light and close the shutters. If the bypass LED prevents the effect from working correctly, you can prevent that by using some opaque electrical tape.

If you can hear your guitar in bypass but not when the effect is engaged, even though the LED lights up, it's encouraging! The issue comes from the circuit board, check component values and solder joints again.

## **If you came through all those steps:**

Congratulations! You just built yourself a guitar pedal! With a bit of practice and patience you 'll be able to learn how they work, build some more for yourself or for your friends. If it does not work, no worries, that's where you really learn! We're here to have fun and make good noise. Many forums and communities on the internet are dedicated to DIY guitar pedals, you can join them to learn more about the building and design process. Enjoy!



## Bill of material : Boost

Value	Qty	Price	Total price	Link
Wires (choose your color)	10	0,09 €	0,90 €	<a href="https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24">https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24</a>
3PDT Footswitch	1	2,68 €	2,68 €	<a href="https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html">https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html</a>
DC power supply connector	1	0,12 €	0,12 €	<a href="https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html">https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html</a>
Input/output jack	2	1,90 €	3,80 €	<a href="https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html">https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html</a>
LED holder	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html">https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html</a>
LED	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html">https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html</a>
Enclosure	1	5,47 €	5,47 €	<a href="https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html">https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html</a>
Drilling service (optional)	1	4,11 €	4,11 €	<a href="https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html">https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html</a>
Knob	1	0,38 €	0,38 €	<a href="https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html">https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html</a>
390R resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-390-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-390-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
4.7k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
10k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-10k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-10k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
100k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-100k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-100k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
1M resistor	2	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-1m-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-1m-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
10n capacitor	1	0,08 €	0,13 €	<a href="https://www.taydaelectronics.com/10nf-0-01uf-100v-5-polyester-film-box-type-capacitor-jfj.html">https://www.taydaelectronics.com/10nf-0-01uf-100v-5-polyester-film-box-type-capacitor-jfj.html</a>
100n capacitor	1	0,08 €	0,08 €	<a href="https://www.taydaelectronics.com/0-1uf-100v-5-kemet-polyester-film-box-type-capacitor.html">https://www.taydaelectronics.com/0-1uf-100v-5-kemet-polyester-film-box-type-capacitor.html</a>
10u capacitor	1	0,08 €	0,08 €	<a href="https://www.taydaelectronics.com/10uf-50v-105c-aluminum-radial-electrolytic-capacitor-nhg.html">https://www.taydaelectronics.com/10uf-50v-105c-aluminum-radial-electrolytic-capacitor-nhg.html</a>
2N5088 transistor	1	0,29 €	0,29 €	<a href="https://www.taydaelectronics.com/2n5088-npn-general-purpose-transistor.html">https://www.taydaelectronics.com/2n5088-npn-general-purpose-transistor.html</a>
A100k potentiometer	1	0,46 €	0,46 €	<a href="https://www.taydaelectronics.com/a-100k-ohm-logarithmic-taper-potentiometer-round-shaft-solder-lugs-13879.html">https://www.taydaelectronics.com/a-100k-ohm-logarithmic-taper-potentiometer-round-shaft-solder-lugs-13879.html</a>

**TOTAL 23,11 €** (VAT included, without shipping cost)

**Warning ! Resistors are sold in bags of ten**

## Bill of material : Distorsion

Value	Qty	Price	Total price	Link
Wires (choose your color)	10	0,09 €	0,90 €	<a href="https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24">https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24</a>
3PDT Footswitch	1	2,68 €	2,68 €	<a href="https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html">https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html</a>
DC power supply connector	1	0,12 €	0,12 €	<a href="https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html">https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html</a>
Input/output jack	2	1,90 €	3,80 €	<a href="https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html">https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html</a>
LED holder	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html">https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html</a>
LED	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html">https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html</a>
Enclosure	1	5,47 €	5,47 €	<a href="https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html">https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html</a>
Drilling service (optional)	1	4,11 €	4,11 €	<a href="https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html">https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html</a>
Knob	1	0,38 €	0,38 €	<a href="https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html">https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html</a>
4.7k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
68k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/resistor-68k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/resistor-68k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
1M resistor	2	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-1m-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-1m-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
4.7nF capacitor	1	0,09 €	0,09 €	<a href="https://www.taydaelectronics.com/0-0047uf-100v-5-jfj-polyester-film-box-type-capacitor.html">https://www.taydaelectronics.com/0-0047uf-100v-5-jfj-polyester-film-box-type-capacitor.html</a>
1uF capacitor	2	0,14 €	0,28 €	<a href="https://www.taydaelectronics.com/nichicon-1uf-50v-105c-radial-electrolytic-capacitor-5-11mm.html">https://www.taydaelectronics.com/nichicon-1uf-50v-105c-radial-electrolytic-capacitor-5-11mm.html</a>
10u capacitor	3	0,08 €	0,24 €	<a href="https://www.taydaelectronics.com/10uf-50v-105c-aluminum-radial-electrolytic-capacitor-nhg.html">https://www.taydaelectronics.com/10uf-50v-105c-aluminum-radial-electrolytic-capacitor-nhg.html</a>
LM386N integrated circuit	2	0,78 €	1,56 €	<a href="https://www.taydaelectronics.com/lm386-audio-amplifier-1-channel-mono-class-ab-325mw1at8-ohm-4v-12v-pdip-8.html">https://www.taydaelectronics.com/lm386-audio-amplifier-1-channel-mono-class-ab-325mw1at8-ohm-4v-12v-pdip-8.html</a>
A100k potentiometer	1	0,46 €	0,46 €	<a href="https://www.taydaelectronics.com/a-100k-ohm-logarithmic-taper-potentiometer-round-shaft-solder-lugs-13879.htm">https://www.taydaelectronics.com/a-100k-ohm-logarithmic-taper-potentiometer-round-shaft-solder-lugs-13879.htm</a>

**TOTAL 24,70 €** (VAT included, without shipping cost)

**Warning ! Resistors are sold in bags of ten**



## Bill of material : Drive

Value	Qty	Price	Total price	Link
Wires (choose your color)	10	0,09 €	0,90 €	<a href="https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24">https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24</a>
3PDT Footswitch	1	2,68 €	2,68 €	<a href="https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html">https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html</a>
DC power supply connector	1	0,12 €	0,12 €	<a href="https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html">https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html</a>
Input/output jack	2	1,90 €	3,80 €	<a href="https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html">https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html</a>
LED holder	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html">https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html</a>
LED	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html">https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html</a>
Enclosure	1	5,47 €	5,47 €	<a href="https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html">https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html</a>
Drilling service (optional)	1	4,11 €	4,11 €	<a href="https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html">https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html</a>
Knob	2	0,38 €	0,76 €	<a href="https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html">https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html</a>
4.7k resistor	2	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
10k resistor	2	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-10k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-10k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
22k resistor	2	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-22k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-22k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
470k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-470k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-470k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
1M resistor	2	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-1m-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-1m-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
22p capacitor	1	0,07 €	0,07 €	<a href="https://www.taydaelectronics.com/22pf-50v-multilayer-monolithic-ceramic-capacitor-2-54-mm-multicomp.html">https://www.taydaelectronics.com/22pf-50v-multilayer-monolithic-ceramic-capacitor-2-54-mm-multicomp.html</a>
10n capacitor	1	0,08 €	0,08 €	<a href="https://www.taydaelectronics.com/10nf-0-01uf-100v-5-polyester-film-box-type-capacitor-fjf.html">https://www.taydaelectronics.com/10nf-0-01uf-100v-5-polyester-film-box-type-capacitor-fjf.html</a>
1n capacitor	1	0,08 €	0,08 €	<a href="https://www.taydaelectronics.com/1000pf-100v-5-kemet-polyester-film-box-type-capacitor.html">https://www.taydaelectronics.com/1000pf-100v-5-kemet-polyester-film-box-type-capacitor.html</a>
47n capacitor	1	0,08 €	0,08 €	<a href="https://www.taydaelectronics.com/0-047uf-100v-5-kemet-polyester-film-box-type-capacitor.html">https://www.taydaelectronics.com/0-047uf-100v-5-kemet-polyester-film-box-type-capacitor.html</a>
4.7u capacitor	1	0,08 €	0,08 €	<a href="https://www.taydaelectronics.com/4-7-uf-50v-85c-aluminum-radial-electrolytic-capacitor-nichicon.html">https://www.taydaelectronics.com/4-7-uf-50v-85c-aluminum-radial-electrolytic-capacitor-nichicon.html</a>
10u capacitor	2	0,08 €	0,16 €	<a href="https://www.taydaelectronics.com/10uf-50v-105c-aluminum-radial-electrolytic-capacitor-nhg.html">https://www.taydaelectronics.com/10uf-50v-105c-aluminum-radial-electrolytic-capacitor-nhg.html</a>
1N4148 diode	2	0,01 €	0,02 €	<a href="https://www.taydaelectronics.com/1n4148-switching-signal-diode.html">https://www.taydaelectronics.com/1n4148-switching-signal-diode.html</a>
UA741 integrated circuit	1	0,29 €	0,29 €	<a href="https://www.taydaelectronics.com/ua741cp-ua741-741-ic-op-amp.html">https://www.taydaelectronics.com/ua741cp-ua741-741-ic-op-amp.html</a>
C1M potentiometer	1	0,35 €	0,35 €	<a href="https://www.taydaelectronics.com/1m-ohm-anti-log-taper-potentiometer-solder-lugs-round-shaft-15r1.html">https://www.taydaelectronics.com/1m-ohm-anti-log-taper-potentiometer-solder-lugs-round-shaft-15r1.html</a>
A100k potentiometer	1	0,46 €	0,46 €	<a href="https://www.taydaelectronics.com/a-100k-ohm-logarithmic-taper-potentiometer-round-shaft-solder-lugs-13879.html">https://www.taydaelectronics.com/a-100k-ohm-logarithmic-taper-potentiometer-round-shaft-solder-lugs-13879.html</a>

**TOTAL 24,32 €** (VAT included, without shipping cost)

**Warning ! Resistors are sold in bags of ten**

## Bill of material : Electra

Value	Qty	Price	Total price	Link
Wires (choose your color)	10	0,09 €	0,90 €	<a href="https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24">https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24</a>
3PDT Footswitch	1	2,68 €	2,68 €	<a href="https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html">https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html</a>
DC power supply connector	1	0,12 €	0,12 €	<a href="https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html">https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html</a>
Input/output jack	2	1,90 €	3,80 €	<a href="https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html">https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html</a>
LED holder	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html">https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html</a>
LED	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html">https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html</a>
Enclosure	1	5,47 €	5,47 €	<a href="https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html">https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html</a>
Drilling service (optional)	1	4,11 €	4,11 €	<a href="https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html">https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html</a>
Knob	1	0,38 €	0,38 €	<a href="https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html">https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html</a>
680R resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/resistor-680-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/resistor-680-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
3.3k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/resistor-3-3k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/resistor-3-3k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
4.7k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
3.3M resistor	2	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/resistor-3-3m-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/resistor-3-3m-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
22n capacitor	1	0,08 €	0,08 €	<a href="https://www.taydaelectronics.com/22nf-0-022uf-63v-5-polyester-film-box-type-capacitor-jfj.html">https://www.taydaelectronics.com/22nf-0-022uf-63v-5-polyester-film-box-type-capacitor-jfj.html</a>
100n capacitor	2	0,08 €	0,16 €	<a href="https://www.taydaelectronics.com/0-1uf-100v-5-kemet-polyester-film-box-type-capacitor.html">https://www.taydaelectronics.com/0-1uf-100v-5-kemet-polyester-film-box-type-capacitor.html</a>
47u capacitor	2	0,13 €	0,26 €	<a href="https://www.taydaelectronics.com/nichicon-47uf-25v-105c-radial-electrolytic-capacitor-5-11mm.html">https://www.taydaelectronics.com/nichicon-47uf-25v-105c-radial-electrolytic-capacitor-5-11mm.html</a>
BAT46 diode	2	0,08 €	0,16 €	<a href="https://www.taydaelectronics.com/bat46-schottky-barrier-diode.html">https://www.taydaelectronics.com/bat46-schottky-barrier-diode.html</a>
2N5088 transistor	1	0,06 €	0,06 €	<a href="https://www.taydaelectronics.com/2n5088-npn-general-purpose-transistor.html">https://www.taydaelectronics.com/2n5088-npn-general-purpose-transistor.html</a>
B1k potentiometer	1	0,46 €	0,46 €	<a href="https://www.taydaelectronics.com/1k-ohm-linear-taper-potentiometer-solder-lugs-round-15r1.html">https://www.taydaelectronics.com/1k-ohm-linear-taper-potentiometer-solder-lugs-round-15r1.html</a>
A100k potentiometer	1	0,46 €	0,46 €	<a href="https://www.taydaelectronics.com/a-100k-ohm-logarithmic-taper-potentiometer-round-shaft-solder-lugs-13879.html">https://www.taydaelectronics.com/a-100k-ohm-logarithmic-taper-potentiometer-round-shaft-solder-lugs-13879.html</a>

**TOTAL 23,67 €** (VAT included, without shipping cost)

**Warning ! Resistors are sold in bags of ten**

## Bill of material : Fuzz

Value	Qty	Price	Total price	Link
Wires (choose your color)	10	0,09 €	0,90 €	<a href="https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24">https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24</a>
3PDT Footswitch	1	2,68 €	2,68 €	<a href="https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html">https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html</a>
DC power supply connector	1	0,12 €	0,12 €	<a href="https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html">https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html</a>
Input/output jack	2	1,90 €	3,80 €	<a href="https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html">https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html</a>
LED holder	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html">https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html</a>
LED	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html">https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html</a>
Enclosure	1	5,47 €	5,47 €	<a href="https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html">https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html</a>
Drilling service (optional)	1	4,11 €	4,11 €	<a href="https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html">https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html</a>
Knob	2	0,38 €	0,76 €	<a href="https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html">https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html</a>
1.5k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-1-5k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-1-5k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
4.7k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
6.8k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/6-8k-ohm-1-4w-1-metal-film-resistor.html">https://www.taydaelectronics.com/6-8k-ohm-1-4w-1-metal-film-resistor.html</a>
33k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/resistor-33k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/resistor-33k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
100k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-100k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-100k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
1M resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-1m-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-1m-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
10n capacitor	1	0,08 €	0,08 €	<a href="https://www.taydaelectronics.com/10nf-0-01uf-100v-5-polyester-film-box-type-capacitor-fjf.html">https://www.taydaelectronics.com/10nf-0-01uf-100v-5-polyester-film-box-type-capacitor-fjf.html</a>
2.2u capacitor	1	0,08 €	0,08 €	<a href="https://www.taydaelectronics.com/2-2-uf-50v-85c-electrolytic-capacitor-nichicon.html">https://www.taydaelectronics.com/2-2-uf-50v-85c-electrolytic-capacitor-nichicon.html</a>
22u capacitor	2	0,04 €	0,08 €	<a href="https://www.taydaelectronics.com/22uf-35v-85c-aluminum-electrolytic-capacitor-5x11mm-multicomp-pro.html">https://www.taydaelectronics.com/22uf-35v-85c-aluminum-electrolytic-capacitor-5x11mm-multicomp-pro.html</a>
BC108 transistor	2	0,51 €	1,02 €	<a href="https://www.taydaelectronics.com/bc108-bc108b-npn-small-signal-transistor.html">https://www.taydaelectronics.com/bc108-bc108b-npn-small-signal-transistor.html</a>
B1k potentiometer	1	0,46 €	0,46 €	<a href="https://www.taydaelectronics.com/1k-ohm-linear-taper-potentiometer-solder-lugs-round-15r1.html">https://www.taydaelectronics.com/1k-ohm-linear-taper-potentiometer-solder-lugs-round-15r1.html</a>
A100k potentiometer	1	0,46 €	0,46 €	<a href="https://www.taydaelectronics.com/a-100k-ohm-logarithmic-taper-potentiometer-round-shaft-solder-lugs-13879.html">https://www.taydaelectronics.com/a-100k-ohm-logarithmic-taper-potentiometer-round-shaft-solder-lugs-13879.html</a>

**TOTAL 25,09 €** (VAT included, without shipping cost)

**Warning ! Resistors are sold in bags of ten**

## Bill of material : Octave

Value	Qty	Price	Total price	Link
Wires (choose your color)	10	0,09 €	0,90 €	<a href="https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24">https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24</a>
3PDT Footswitch	1	2,68 €	2,68 €	<a href="https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html">https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html</a>
DC power supply connector	1	0,12 €	0,12 €	<a href="https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html">https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html</a>
Input/output jack	2	1,90 €	3,80 €	<a href="https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html">https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html</a>
LED holder	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html">https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html</a>
LED	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html">https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html</a>
Enclosure	1	5,47 €	5,47 €	<a href="https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html">https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html</a>
Drilling service (optional)	1	4,11 €	4,11 €	<a href="https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html">https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html</a>
Knob	1	0,38 €	0,38 €	<a href="https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html">https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html</a>
4.7k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
6.8k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/6-8k-ohm-1-4w-1-metal-film-resistor.html">https://www.taydaelectronics.com/6-8k-ohm-1-4w-1-metal-film-resistor.html</a>
10k resistor	3	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-10k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-10k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
18k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/resistor-18k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/resistor-18k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
22k resistor	2	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-22k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-22k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
68k resistor	2	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/resistor-68k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/resistor-68k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
180k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-180k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-180k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
560k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/resistor-560k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/resistor-560k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
1M resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-1m-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-1m-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
47n capacitor	4	0,08 €	0,32 €	<a href="https://www.taydaelectronics.com/0-047uf-100v-5-kemet-polyester-film-box-type-capacitor.html">https://www.taydaelectronics.com/0-047uf-100v-5-kemet-polyester-film-box-type-capacitor.html</a>
10u capacitor	1	0,08 €	0,08 €	<a href="https://www.taydaelectronics.com/10uf-50v-105c-aluminum-radial-electrolytic-capacitor-nhg.html">https://www.taydaelectronics.com/10uf-50v-105c-aluminum-radial-electrolytic-capacitor-nhg.html</a>
1N4148 diode	2	0,01 €	0,02 €	<a href="https://www.taydaelectronics.com/1n4148-switching-signal-diode.html">https://www.taydaelectronics.com/1n4148-switching-signal-diode.html</a>
2N3906 transistor	1	0,02 €	0,02 €	<a href="https://www.taydaelectronics.com/2n3906-general-purpose-pnp-transistor.html">https://www.taydaelectronics.com/2n3906-general-purpose-pnp-transistor.html</a>
2N5088 transistor	2	0,06 €	0,13 €	<a href="https://www.taydaelectronics.com/2n5088-npn-general-purpose-transistor.html">https://www.taydaelectronics.com/2n5088-npn-general-purpose-transistor.html</a>
A100k potentiometer	1	0,46 €	0,46 €	<a href="https://www.taydaelectronics.com/a-100k-ohm-logarithmic-taper-potentiometer-round-shaft-solder-lugs-13879.html">https://www.taydaelectronics.com/a-100k-ohm-logarithmic-taper-potentiometer-round-shaft-solder-lugs-13879.html</a>

**TOTAL 23,72 €** (VAT included, without shipping cost)

**Warning ! Resistors are sold in bags of ten**

## Bill of material : Reverb

Value	Qty	Price	Total price	Link
Wires (choose your color)	10	0,09 €	0,90 €	<a href="https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24">https://www.taydaelectronics.com/catalogsearch/result/?q=awg+24</a>
3PDT Footswitch	1	2,68 €	2,68 €	<a href="https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html">https://www.taydaelectronics.com/3pdt-stomp-foot-pedal-switch-fk-series-on-on.html</a>
DC power supply connector	1	0,12 €	0,12 €	<a href="https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html">https://www.taydaelectronics.com/dc-power-jack-2-1mm-enclosed-frame-with-switch.html</a>
Input/output jack	2	1,90 €	3,80 €	<a href="https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html">https://www.taydaelectronics.com/6-35mm-1-4-mono-phone-jack-socket.html</a>
LED holder	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html">https://www.taydaelectronics.com/electromechanical/led-holders/5mm-led-lampshade-protector-clear.html</a>
LED	1	0,05 €	0,05 €	<a href="https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html">https://www.taydaelectronics.com/leds/round-leds/5mm-leds/led-5mm-white-water-clear-ultra-bright.html</a>
Enclosure	1	5,47 €	5,47 €	<a href="https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html">https://www.taydaelectronics.com/matte-black-style-aluminum-diecast-enclosure.html</a>
Drilling service (optional)	1	4,11 €	4,11 €	<a href="https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html">https://www.taydaelectronics.com/125b-custom-drill-enclosure-service.html</a>
Knob	1	0,38 €	0,38 €	<a href="https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html">https://www.taydaelectronics.com/hardware/knobs/knob-davies-1510-clone-black.html</a>
560R resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-390-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-390-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
4.7k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-4-7k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
10k resistor	3	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-10k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-10k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
39k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/resistor-39k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/resistor-39k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
100k resistor	2	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-100k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-100k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
220k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/resistor-220k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/resistor-220k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
330k resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/resistor-330k-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/resistor-330k-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
1M resistor	1	0,01 €	0,13 €	<a href="https://www.taydaelectronics.com/10-x-resistor-1m-ohm-1-4w-1-metal-film-pkg-of-10.html">https://www.taydaelectronics.com/10-x-resistor-1m-ohm-1-4w-1-metal-film-pkg-of-10.html</a>
1.5n capacitor	1	0,69 €	0,69 €	<a href="https://www.taydaelectronics.com/1-5-nf-1500pf-100v-5-polyester-film-box-type-capacitor.html">https://www.taydaelectronics.com/1-5-nf-1500pf-100v-5-polyester-film-box-type-capacitor.html</a>
100n capacitor	1	0,08 €	0,08 €	<a href="https://www.taydaelectronics.com/0-1uf-100v-5-kemet-polyester-film-box-type-capacitor.html">https://www.taydaelectronics.com/0-1uf-100v-5-kemet-polyester-film-box-type-capacitor.html</a>
22u capacitor	4	0,04 €	0,16 €	<a href="https://www.taydaelectronics.com/22uf-35v-85c-aluminum-electrolytic-capacitor-5x11mm-multicomp-pro.html">https://www.taydaelectronics.com/22uf-35v-85c-aluminum-electrolytic-capacitor-5x11mm-multicomp-pro.html</a>
7805 regulator	1	0,14 €	0,14 €	<a href="https://www.taydaelectronics.com/l78l05acz-l78l05-78l05-5-volts-100ma-voltage-regulator-ic.html">https://www.taydaelectronics.com/l78l05acz-l78l05-78l05-5-volts-100ma-voltage-regulator-ic.html</a>
TL072 integrated circuit	1	1,36 €	1,36 €	<a href="https://www.taydaelectronics.com/tl072-low-noise-j-fet-dual-op-amp-ic.html">https://www.taydaelectronics.com/tl072-low-noise-j-fet-dual-op-amp-ic.html</a>
A10k potentiometer	1	0,46 €	0,46 €	<a href="https://www.taydaelectronics.com/10k-ohm-logarithmic-taper-potentiometer-solder-lugs-round-15r1.html">https://www.taydaelectronics.com/10k-ohm-logarithmic-taper-potentiometer-solder-lugs-round-15r1.html</a>
Belton BTDR-2-H-S	1	19,95 €	19,95 €	<a href="https://www.retroamplis.com/Module-de-reverberation-numerique-Belton/-/Accutronics-BTDR-2H-M">https://www.retroamplis.com/Module-de-reverberation-numerique-Belton/-/Accutronics-BTDR-2H-M</a>

**TOTAL 49,73 €** (VAT included, without shipping cost)

**Warning ! Resistors are sold in bags of ten**

