

# Pinecil Case



Quantity	Description
2	Outer Case (black)
2	Inner Case (orange)
1	Brass wool
2	Clips
1	Bearing
1	Soldering iron holder
2	Coil parts
1	M3x16 screw
6	M3x20 screw
1	M3 nut
1	Superglue (not included)
1	Pinecil Soldering Iron (not included)
1	Pinecil USB-C cable (not included)
2	Soldering tips (not included)
1	Solder (not included)
1	Seal (not included)

Difficulty: ●○○○○ Build-Time: 15 – 30 Minutes

Manual v2.0 CC BY-SA 4.0 Binary Kitchen e.V.

Board v1.0 CC BY-NC-SA 4.0 PjotrStrog @ printables.com

## Safety Information

- ATTENTION: Not suitable for children under 3 years, choking hazard due to small parts that may be swallowed.
- We recommend: Supervision of the assembly and soldering process by an adult.
- Keep these operating instructions in a safe place for later use! It contains important information.
- If the battery is empty, replace it only with a new battery with the same values.
- When soldering, the soldering iron, the solder and also the components being soldered become very hot.
- Always wear safety glasses when soldering and assembling the kit.
- Always use a fire proof soldering pad when soldering! This prevents the components from slipping away.
- To keep the soldering iron safe during assembly, always use a suitable soldering stand.
- The kit is designed for battery operation only.
- CAUTION: Never connect the kit to 230 V mains voltage! There is an absolute danger to life!
- Please take the device to appropriately certified disposal companies at the end of its service life. This is good for the environment and ensures correct disposal.
- Subject to changes and errors.

## Disposal

This appliance is labelled in accordance with the European Directive 2012/19/EU on waste electrical and electronic equipment (WEEE). The directive provides the legal framework for the take-back and recycling of waste equipment throughout the EU.

- **packaging:** The packaging is made of environmentally friendly materials and is therefore recyclable. Dispose of packaging materials that are no longer needed accordingly.
- **waste equipment:** Old appliances often still contain valuable materials. Therefore, hand in your old appliance to your retailer or a recycling centre for reuse. Please ask your retailer or your local authority for the current disposal routes.

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### Step 1

- a) Check the components in your kit.
- b) The black outer parts of the case are different: One part has a sealing lip (a ridge that exceeds the edge). One part has a groove (a depression on the edge). This is important for step 2.



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### Step 2

- a) Prepare the black outer parts as shown in the photo
- b) The outer part with a sealing lip is in the picture at the top. The outer part with groove is in the picture at the bottom.
- c) Insert the inner part with the cable containment (long compartment with two bars at each end) into the black outer part with groove.
- d) Insert the inner part with the rectangular compartments into the black outer part with sealing lip.
- e) Make sure, that the inner parts are fully recessed.



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### Step 3

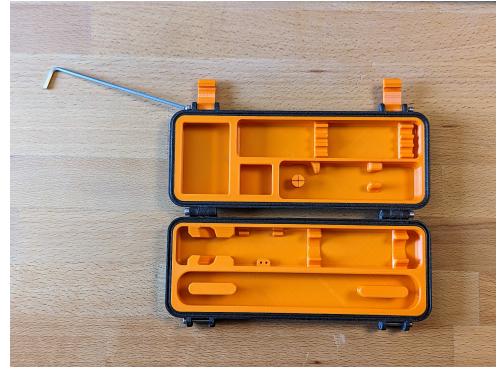
- a) Put the two hinges into each other and make sure, that they fit together neatly. Now screw an M3x20 screw from the outside through the hole of each hinge. The hinge should still be able to move.
- b) At the beginning the hinge can be a bit tight, but this will get better with time.



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### Step 4

- a) Now screw two M3x20 screws through the two lower lugs (through the outer part with groove). Again, do not screw too tight. Now thread the clips as shown with two M3x20 screws and screw them tight. Do not use too much force. The tabs should move easily.



## Step 5

- a) Put the bearing into the soldering iron holder. Now clamp the bearing with a screw and nut (the nut goes into the 6-sided hole).  
Tip: If the soldering iron holder in the case is not tight enough, you can put some tape around the place with the holders to increase the diameter. (See the example in the next picture)



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## Step 6

- a) Press the brass wool into your case. It should lie flat and sit well / not fall out.



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## Step 7

- a) Put the two coil parts together, so that the nipples are on the outside  
b) Fix the two parts with some super glue. Apply it inside and outside. Do not use too much  
c) let the superglue dry well. White spots can usually be wiped off afterwards.



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## Step 8

- a) Wrap the solder on the spool and put the full spool on the place in your case.  
b) Attention: Be careful when taking it out again.  
c) Thread the end of the solder through the guide in the case.



## Step 9

- a) You are done! Have fun with your soldering iron case
- b) You can put the soldering iron into the soldering iron holder as shown.



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## Step 10

- a) Tip: When inserting the soldering iron, make sure, that it is fully inserted into the holder. Otherwise too much heat will be transferred to the bearing and then the holder. This could deform the holder.
- b) Tip: If you use a thumb-screw, the soldering iron must be at the very edge so that it fits into the housing. Pay attention to this when closing it for the first time. Otherwise the soldering iron could break. If the case can be closed without force, everything is fine.

