

th•mann

Cajon Construction Kit
cajon construction kit



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Table of contents

1	Safety instructions	4
2	Scope of delivery	5
3	Assembly instructions	6
	3.1 Assembling the body.....	6
	3.2 Assembling the innards.....	11
	3.3 Mounting the striking surface.....	16
	3.4 Mounting the back panel.....	19
	3.5 Mounting rubber feet.....	24
	3.6 Edge grinding.....	25
4	Protecting the environment	26

1 Safety instructions



DANGER!

Danger for children

Ensure that plastic bags, packaging, etc. are properly disposed of and are not in the reach of babies and young children. Choking hazard!

Ensure that children do not detach any small parts (e.g. knobs or the like) from the product. They could swallow the pieces and choke!

Never let children play unattended with the product.



CAUTION!

Risk of injury to the hands

When drilling, sawing, assembling and screwing the individual parts, pay attention to sharp edges on tools, screws and components.



NOTICE!

Possible staining

The plasticiser contained in the rubber feet of this product may possibly react with the coating of your parquet, linoleum, laminate or PVC floor and after some time cause permanent dark stains.

In case of doubt, do not put the rubber feet directly on the floor, but use felt-pad floor protectors or a carpet.

2 Scope of delivery

Thank you very much for purchasing this cajon construction kit. All wooden parts, screws, nails as well as snare strip and snare carpet are included in this package.



Before assembling the cajon, verify that the entire delivery is included, as listed below.

- 2 × side panel
- 1 × cover panel
- 1 × floor panel
- 1 × striking surface (with T-logo)
- 1 × back panel (for affixing the sound hole)
- 1 × snare strip (bevelled)
- 1 × bottom strip (rectangular)
- 1 × pressure plate
- 1 × cardboard angle template
- 2 × raised countersunk screw
- 4 × countersunk screw (for rubber feet)
- 8 × nail (3 × spare)
- 1 × snare carpet
- 4 × rubber foot
- 1 × pricking awl (big nail)

Optional Thomann Cajon add-on pack

- 2 × express glue
- 2 × tension strap
- 2 × sandpaper

3 Assembly instructions

Useful tools and materials

Provide the following tools and materials for the assembly of the cajon:

- Fretsaw or jigsaw
- Hammer
- Phillips screwdriver
- Pencil
- Folding rule or ruler
- Varnish and accessories
- Damp cloth (to wipe away excess varnish)

If you are not using the Thomann Cajon Add-On Pack to assemble the cajon, additionally provide the following tools and materials:

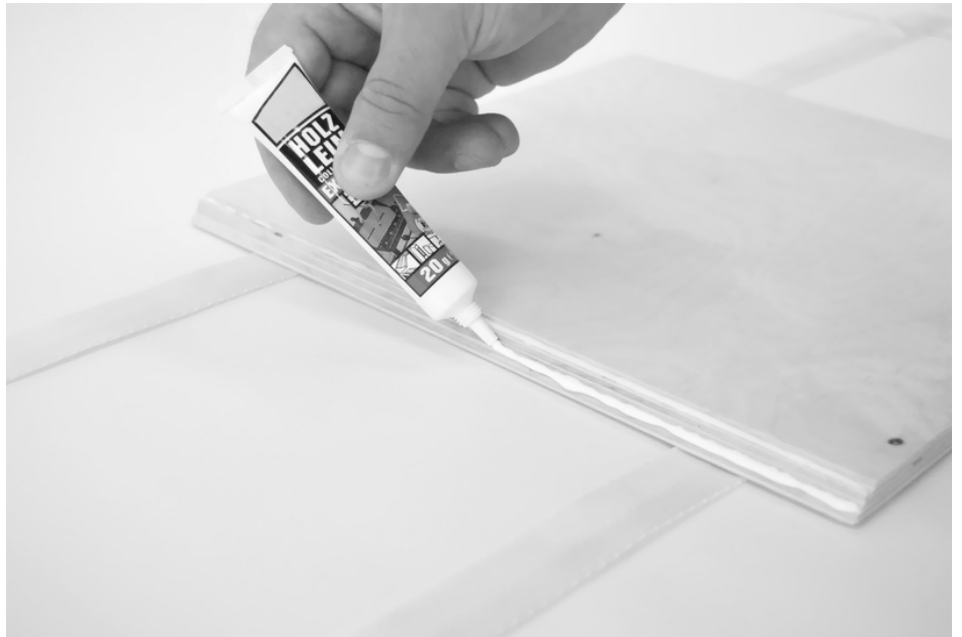
- Wood or express glue
- 2 × tension strap or bar clamp (minimum span 50 cm)
- Sandpaper

3.1 Assembling the body

Spread the tension straps into two parallel tracks and place the bottom plate with the milling edge upwards on the tension straps.

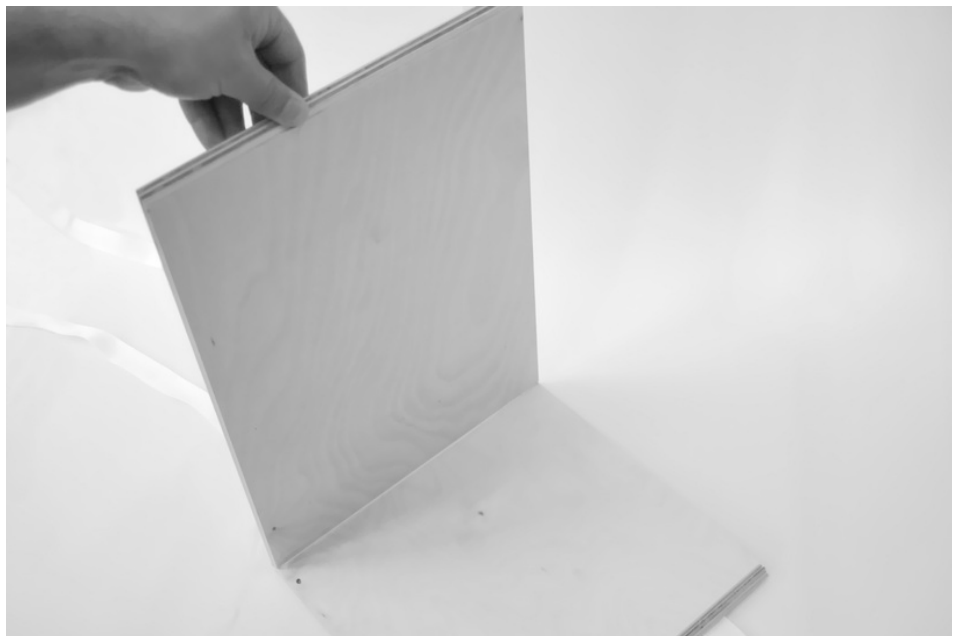


Carefully apply the express glue along the two milling edges of the floor panel. Glue residues can be removed with a damp cloth.

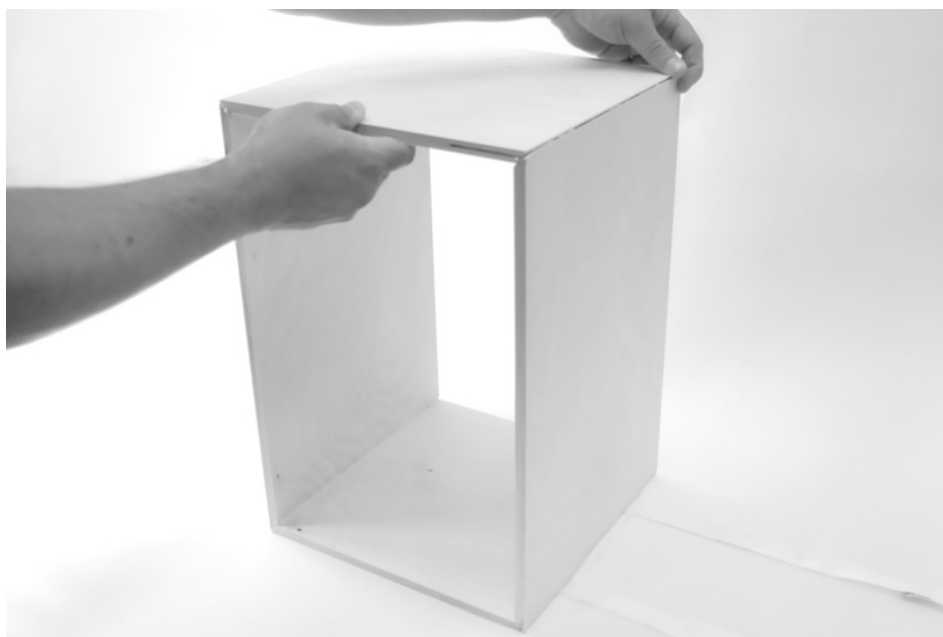


Insert the side panels into the milling edges of the floor panel. When installing the side panels and gluing them with the floor panel, ensure that the edges line up precisely.

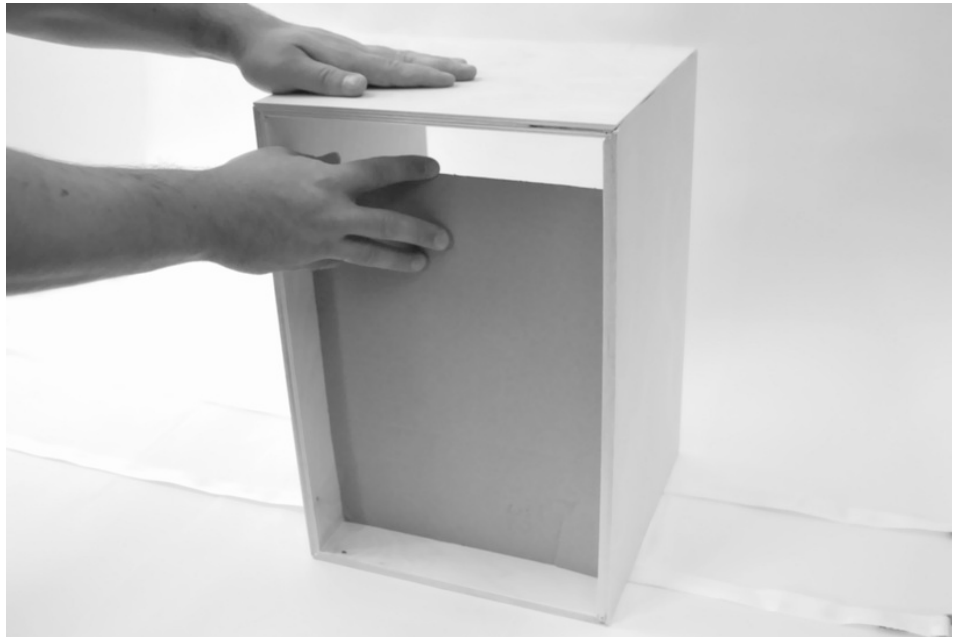
You can readjust as long as the glue is not dried.



After you have glued the two side panels to the floor panel check them for flushness and glue the top plate in the same way.

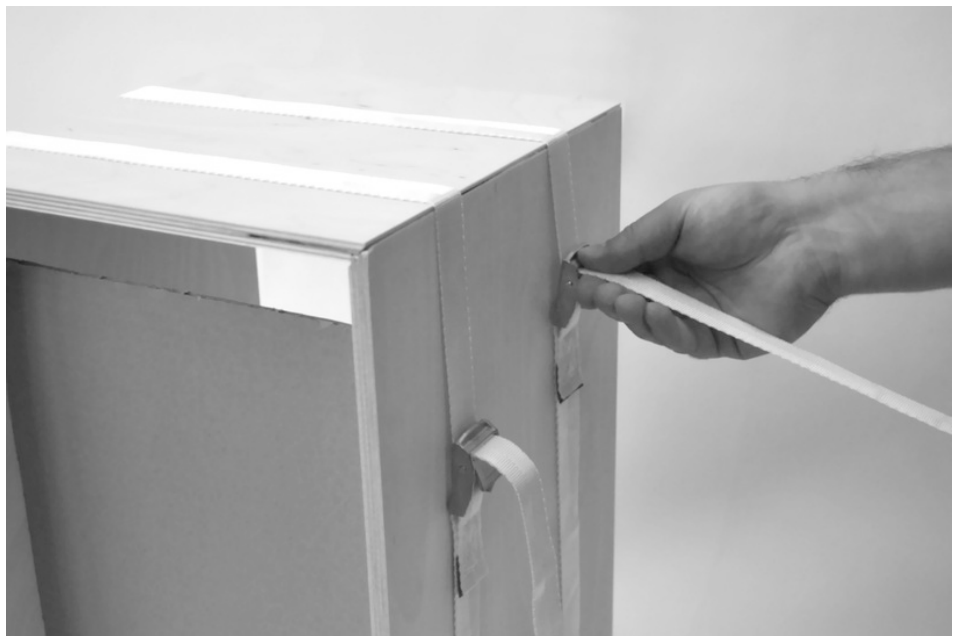


Slide the supplied cardboard angle template centrally into the body to create a straight angle.



Place the tension straps over the cajon and tighten them slightly.

Make sure that the belt buckles of the tension straps are oriented outwards to avoid pressure points.



Place the cajon horizontally on the pressure plate and check the connections for flushness. Readjust them, if necessary, and tighten the tension straps.



Observe the drying time indicated on the packaging of the glue used.

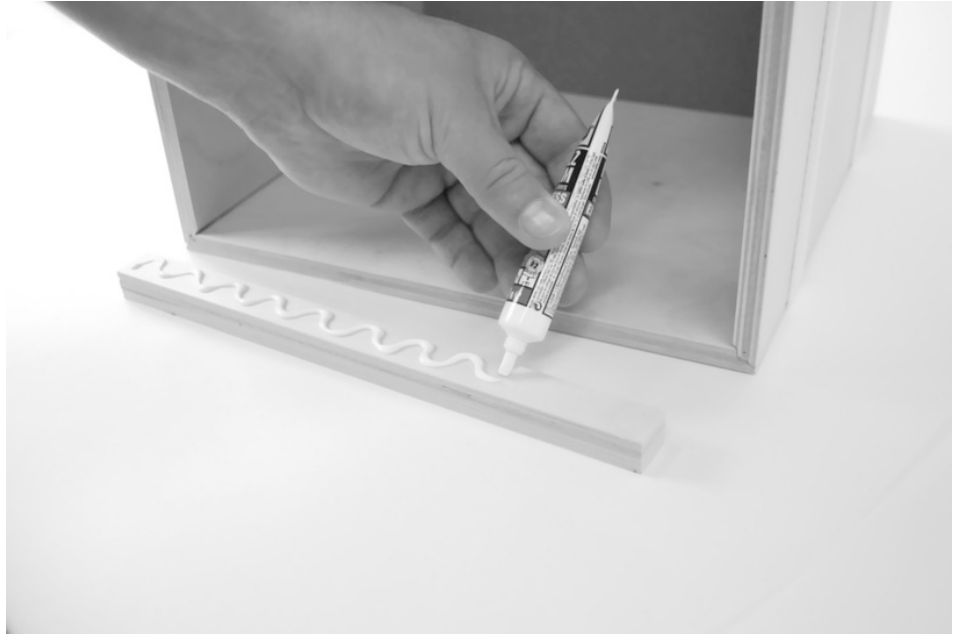
3.2 Assembling the innards

Mounting the bottom strip

Place the cajon upright on the floor panel so you can mount the bottom strip inside the cajon.

Use the pricking awl (big nail) to pierce three holes with regular spacing into the top of the bottom strip.

Carefully apply the express glue to the underside of the bottom strip and press it flush with the front edge against the inside of the floor panel.



Fix the bottom strip with three nails in the pre-punched holes.



Observe the drying time indicated on the packaging of the glue used.

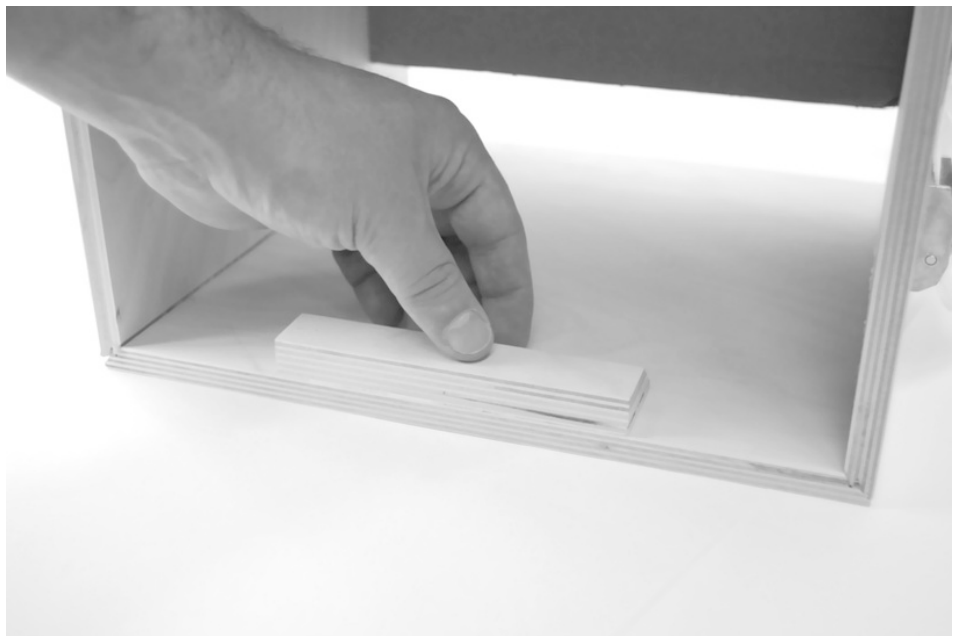
Mounting the snare strip

Turn the cajon upright on the cover panel so you can mount the snare strip inside the cajon.

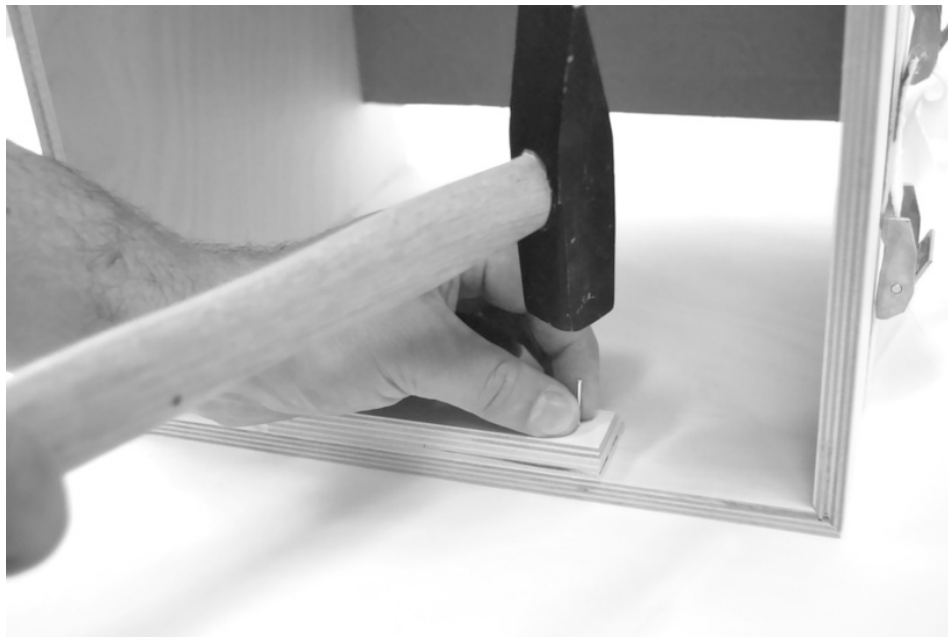
Use the pricking awl (big nail) to pierce two holes with regular spacing into the top of the snare strip (narrow side).

Carefully apply the express glue to the bottom of the snare strip. Press the snare strip centrally on the cover panel and flush with the front edge against the inside of the cover panel. The bevelled side must point into the interior of the cajon.

Make sure to mount the snare strip on the same side as the bottom strip.



Fix the snare strip with two nails in the pre-punched holes.



Observe the drying time indicated on the packaging of the glue used.

Mounting the snare carpet

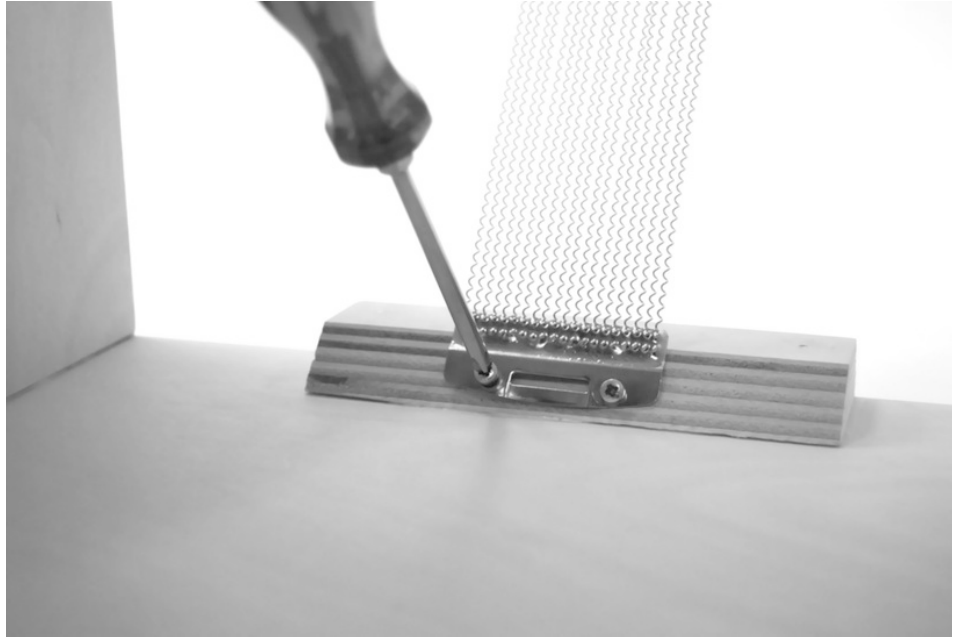


The soldering of the snare carpet spirals must point into the interior of the cajon.

Make sure not to bend the snare carpet spirals.

Before fixing the snare carpet, remove the cardboard angle template from the cajon. Use the pricking awl (big nail) to pierce two holes with each 10 mm distance from the lower edge of the snare strip. The snare carpet must be mounted centrally on the snare strip.

Affix the snare carpet with two raised countersunk screws in the pre-punched holes on the snare strip.



3.3 Mounting the striking surface

You can loosen the tension straps used to secure the side walls. The straps are now needed to fix the striking surface.

Place the cajon with its back on the parallel tension straps.



Carefully apply the express glue along the body edges, snare and bottom strip.



Place the striking surface flush on the edges and press it briefly.

The striking surface presses the outward standing snare carpet back into the interior of the cajon.

Make sure that the T-logo is at the level of the floor panel.



Put the pressure plate on the striking surface, check the edges for flushness and press the pressure plate briefly.



Stretch the tension straps around the cajon to secure the striking surface.

Make sure that the belt buckles of the tension straps are lying on the pressure plate oriented outwards to avoid pressure points.





Observe the drying time indicated on the packaging of the glue used.

3.4 Mounting the back panel



CAUTION!

Risk of injury to the hands

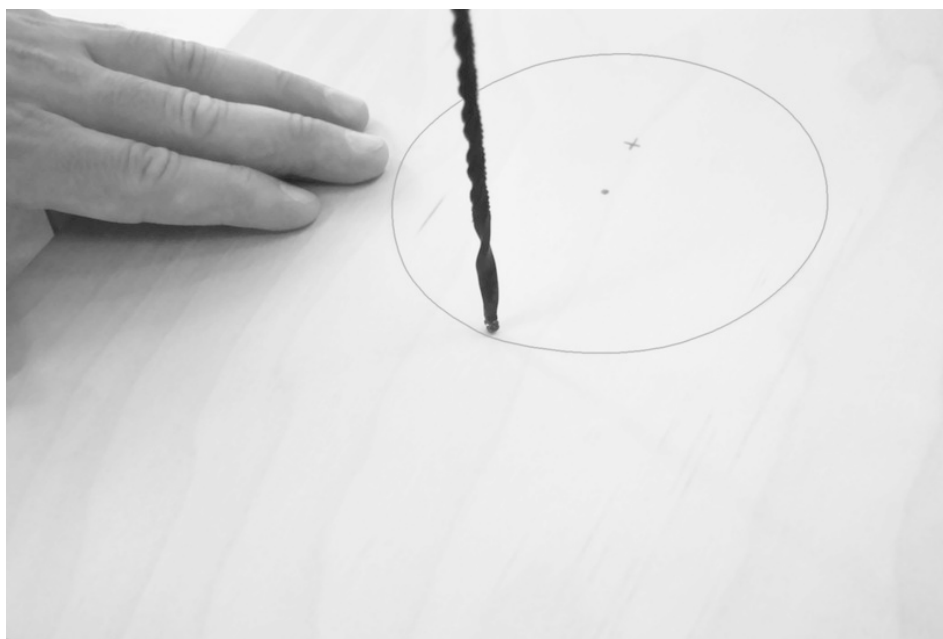
When drilling, sawing, assembling and screwing the individual parts, pay attention to sharp edges on tools, screws and components.

Inserting the sound hole

Provide the back panel with a sound hole before starting the assembly.

To get the best sound, we recommend a round sound hole with a diameter of approx. 12 cm. The optimum height for the centre of the circle is slightly above the centre of the back panel.

The hole can be sawn with a fretsaw or jigsaw. To do so, drill a hole with a diameter of approx. 10 mm at the edge of the indicated mark and insert the saw into the hole.



Saw along the indicated mark.



Use abrasive paper to smoothen the edges of the sawn hole.



Use an ordinary household sponge for sanding which you wrap with abrasive paper. So you have an optimal sanding surface.

Mounting the back panel

You can loosen the tension straps used to secure the striking surface. The straps are now needed to fix the back panel.

Place the cajon with its striking surface on the parallel tension straps.



Carefully apply the express glue along the body edges.



Place the back panel flush on the edges and press it briefly.

Make sure that the sound hole is opposite to the snare carpet (closer to the cover panel).



Put the pressure plate on the back panel, check the edges for flushness and press the pressure plate briefly.



Stretch the tension straps around the cajon to secure the back panel.

Make sure that the belt buckles of the tension straps are lying on the pressure plate oriented outwards to avoid pressure points.





Observe the drying time indicated on the packaging of the glue used.

3.5 Mounting rubber feet



If the surface is going to be coated the rubber feet should only be attached after that.

Place the cajon on the cover panel and use the pricking awl to mark the position where the rubber feet should be screwed.



Screw the rubber feet with the four countersunk screws in the corners of the floor panel.



3.6 Edge grinding

Use the sanding paper to perfectly grind the edges of the cajon so that it can be played as comfortable as possible.



4 Protecting the environment

Disposal of the packaging material



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling.

Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

