

joy-it



Talking-Pi Maker-Case
Case-Set

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1. Introduction

Dear customer,

Thank you for choosing our Talking-Pi product.

In this manual we will show you how to assemble your Maker-Case for use.

If, however, problems should occur while working with your talking pi, please feel free to contact us.

Current instructions, projects and a community forum can also be found here:

[Talking-Pi Website](#)

2. Security Informations



Please note the following safety instructions for protection against electric shock and injury.

- Keep operating instructions and safety instructions in a safe place!
- If the device is passed on to third parties, these must be absolutely given along with the device.
- Use this device only for the respective area of application and according to the operating instructions.
- Follow our instructions for assembly and use, only in this way can you be sure that the assembly works correctly, read the instructions completely before you start with the assembly / use.
- Before commissioning, make sure that the available mains voltage corresponds to the specified mains voltage.
- Do not deviate from the specified mains voltage under any circumstances during use.
- Never touch the power plug with wet hands.
- All connection cables to the Raspberry Pi and Talking-Pi must be intact.
- In case of damage, the corresponding cable must be replaced immediately.
- When working on the kit, the power supply must be disconnected and secured against being switched on again (e. g. by removing the power supply unit).
- Protect the unit from moisture and rain. Use only in dry rooms.
- Use in rain, in damp rooms or even in or under water must not be carried out under any circumstances.
- Their responsiveness and perception can be impaired by the consumption of alcohol, medication and drugs, as well as by illness, fever and fatigue.
- In this case, the device must not be used.
- According to legal regulations, this product is not a toy and therefore must not be used by children.
- Keep the product away from children at all times and store it in a place that is inaccessible to children.

3. Content

- Case (wood, 7-pieces)
- Push-Button with LED
- Speaker with cable
- Cable-Set Button/ LED
- Cable Microphone
- Screw-Set

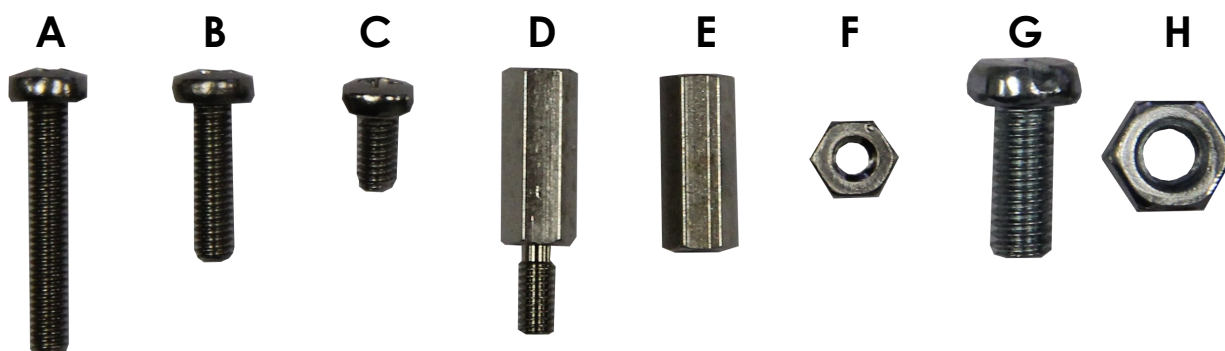
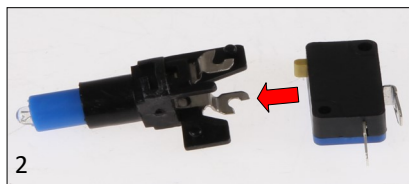
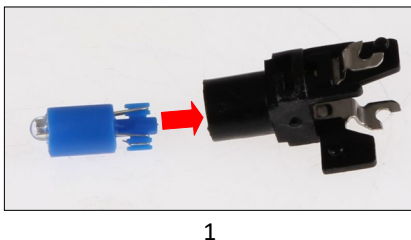


Image	Quantity	Name
A	4	Screw M2,5 x 16
B	4	Screw M2,5 x 10
C	8	Screw M2,5 x 5
D	2	Spacer M2,5 x 11 with 1x internal- & 1x external-thread
E	4	Spacer M2,5 x 11 with 2x internal-thread
F	20	Nut M2,5
G	4	Screw M4 x 10
H	4	Nut M4
	7	Case-Parts made from wood
	1	Speaker
	2	Cable

4. Assembly

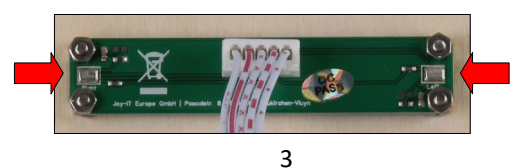
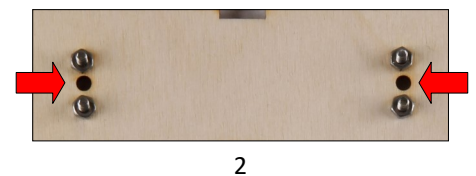
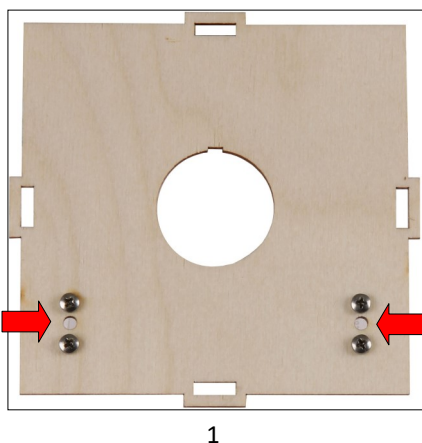
LED-Button:

1. Insert the LED lamp into the socket.
2. Mikroschalter einsetzen.



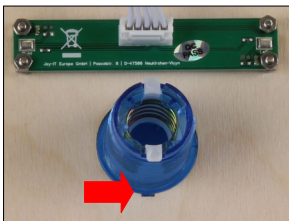
Microphone:

1. Insert screws (4x B) through the wooden case
2. and tighten each with one nut (4x F)
3. Fit the microphone board and fasten it with nuts (4x F).



Insert the push button:

1. Insert the push button. Pay attention to the notch (arrow) here.
2. Put on the plastic ring.
3. Fix knob with plastic nut
4. Insert the LED and push-button module and snap it in place with a light twist.
5. Make sure that the microswitch is opposite the white button contact.



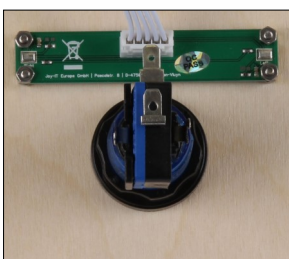
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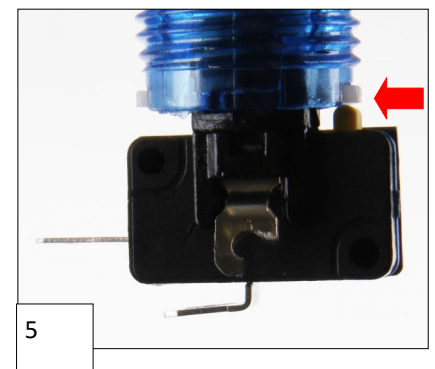
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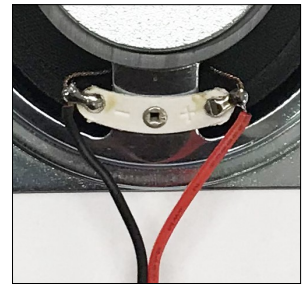
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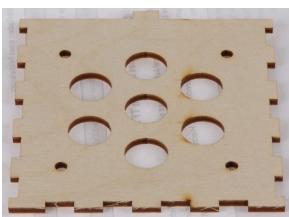
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Speaker:

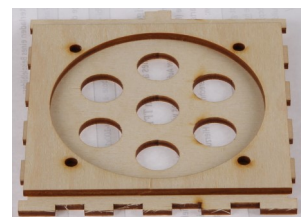
First solder the enclosed cable to the loudspeaker. All four cable ends should be tinned.



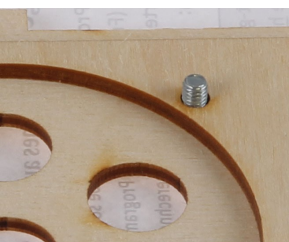
1. Wooden plate with the 7 middle holes....
2. ... place the spacer plate on top of it.
3. Push screws (4x G) through both plates.
4. Put on the loudspeaker and fasten it with nuts (4x H).



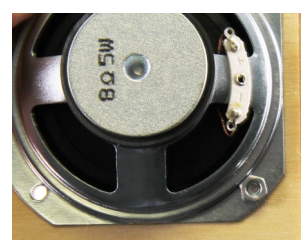
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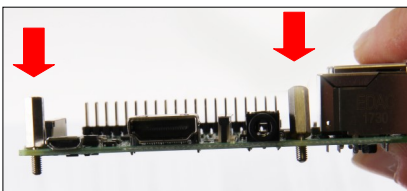
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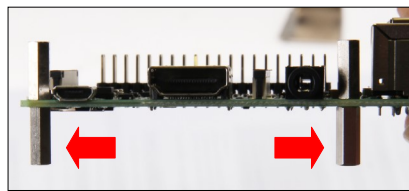
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Raspberry Pi 3B:

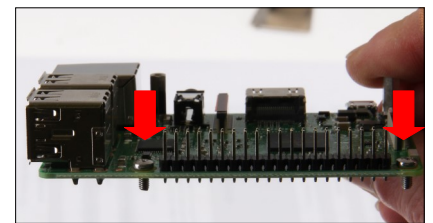
1. Insert the spacer (2x D) from above.
2. Screw them together with the spacers (2x E) on the underside.
3. Screws (2x C)....
4. ... with spacer (2x E).
5. Attach the Talking-Pi board with screws (2x C).
6. Place the Raspberry Pi on the case-wall and attach it with screws (4x C).



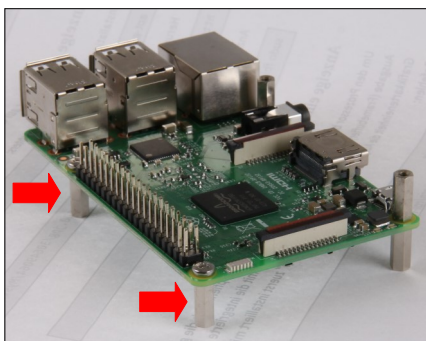
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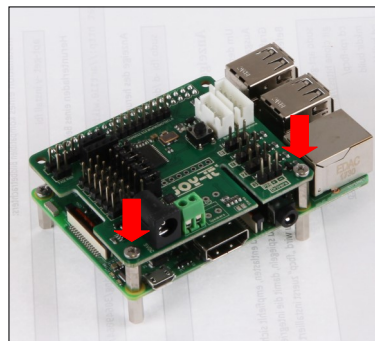
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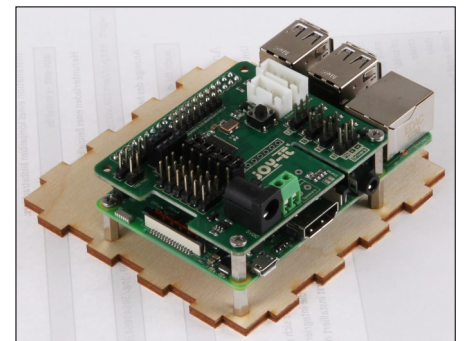
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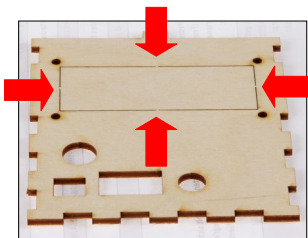


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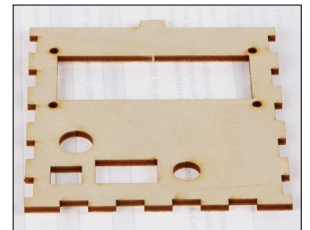
Optional display:

If a display is to be installed, the opening must be broken out.

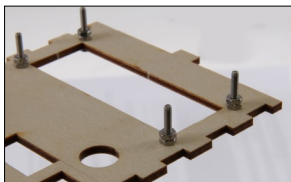
1. Use a cutter knife to carefully cut the fixing points...
2. ... and break out.
3. Fasten screws (4x A) through the case and tighten with two nuts (8x F) each.
4. Fit the display and fasten it with nuts (4x F).



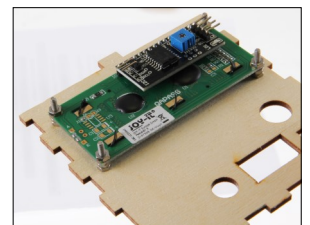
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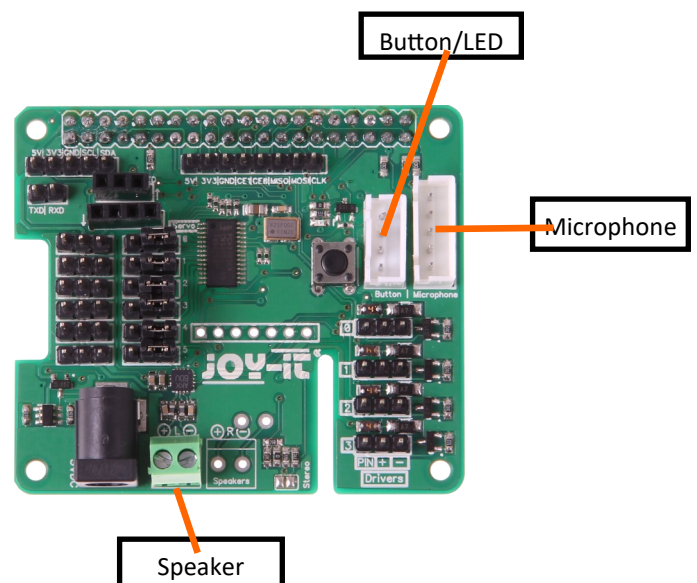
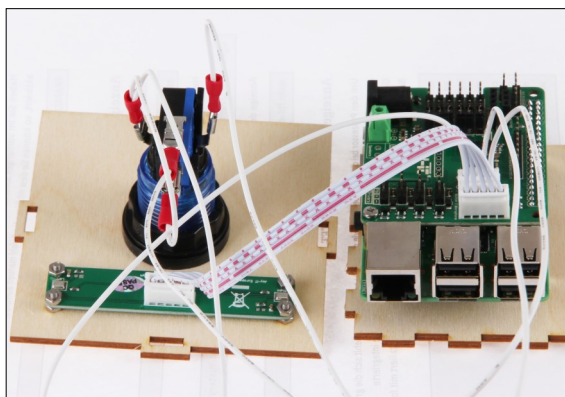
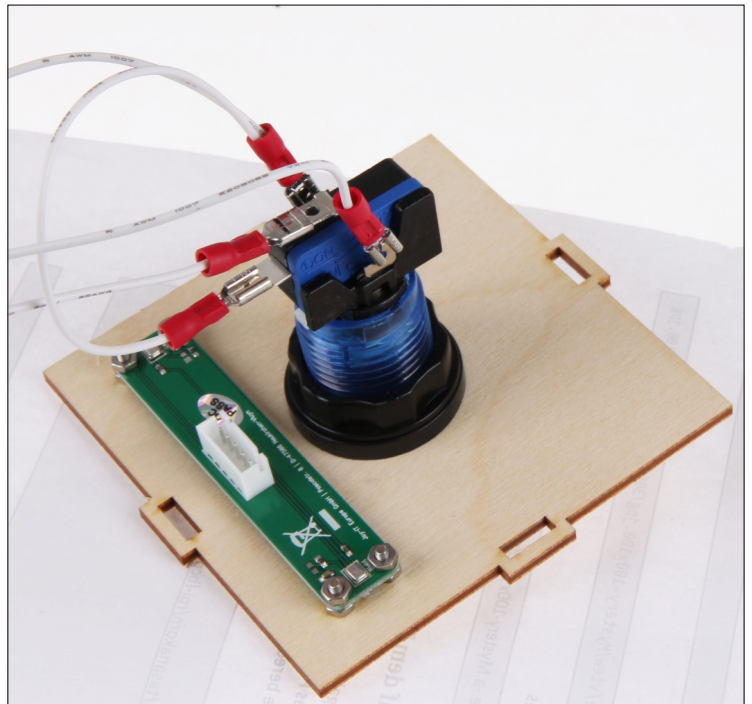
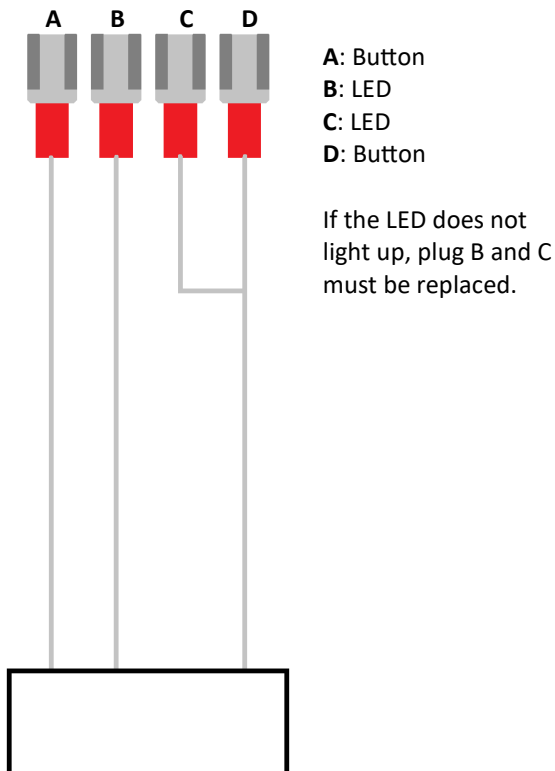


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Cabling:

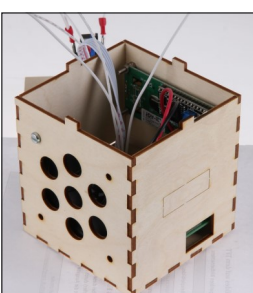
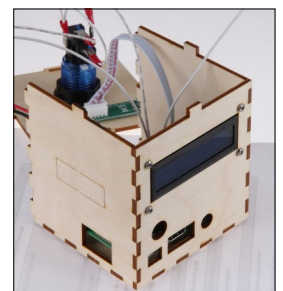
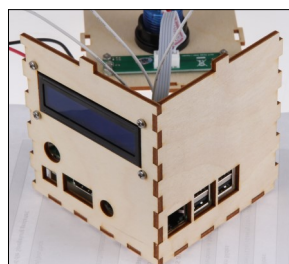
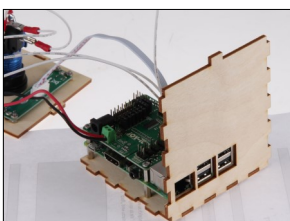
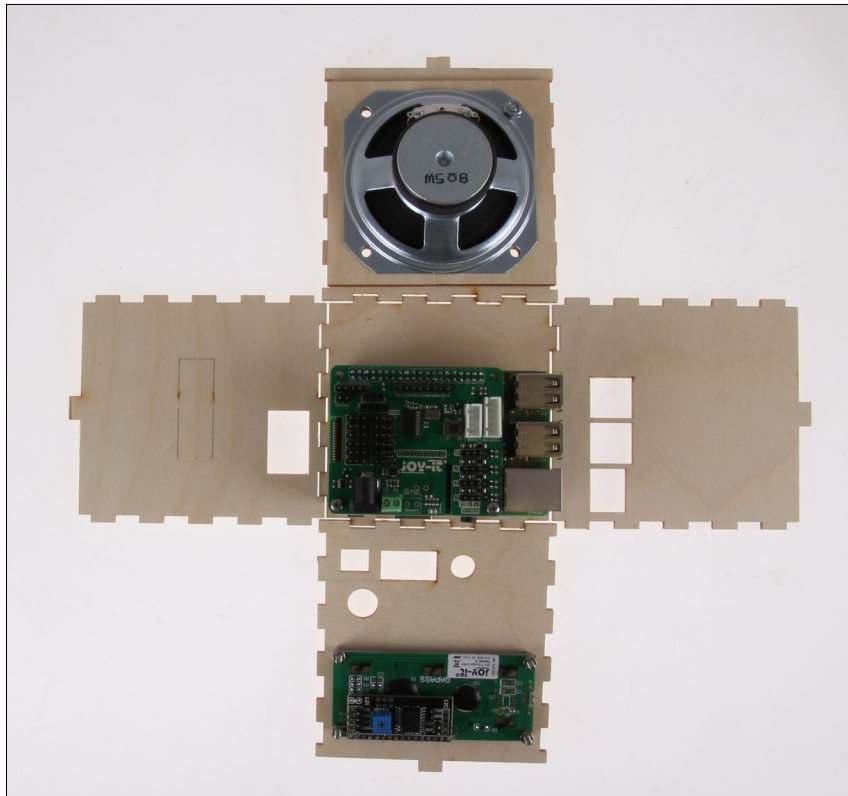
Now connect the enclosed cable to the button (LED) and the Talking Pi (BUTTON).

The microphone, loudspeaker and display can also be connected.



Assembly:

Now the case can be plugged together as shown in the pictures.



5. Support

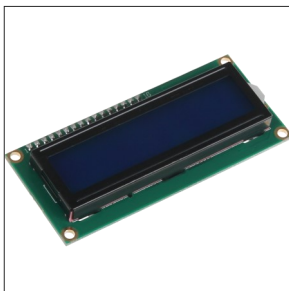
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 Phone: +49 (0)2845 98469 – 66 (9 am - 5 pm)

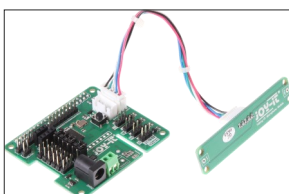
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www.joy-it.net

Optional accessories:



SBC-LCD-16x2



RB-TalkingPi

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