

Steps to install BELT REMOTE

You will need:

- Raspberry Pi (Zero W or 4)
- microSD card (minimum 4 GB): I recommend SanDisk (red/silver or re/gold)
- a microphone without PHANTOM POWER (any kind, you can also use electromagnetic mics) and eventually an adapter to connect to the sound card (3,5 mm. **MiniJack**)
- Simple USB sound card (see image for example)
- micro USB to FEMALE USB adapter (for the sound card)
- USB Power bank (reccomended 10000mAh)
- Download and install the Raspberry Pi Imager from <https://www.raspberrypi.com/software/> for you Operating System.
- Download the **.img** file from <>



Once you have everything, follow the steps:

- Insert the microSD card on your computer
- Run Raspberry Pi Imager
- Click on **CHOOSE STORAGE**
- Choose the microSD card
- Click on **CHOOSE OS**
- Select **Use Custom**
- Find and select the **.img** file you downloaded
- Click **WRITE**

After the writing is done, you can safely remove the microSD card and insert it into the Rasperry Pi. Connect the Raspberry Pi to power (with the power bank or power supply, connect your microphone to the sound card and wait until you see a WiFi network called <remotelistinging xxx>. Connect to this WiFi network with your computer or tablet. You can also connect to your smartphone's Hotspot. In this case be sure that you disconnect from your wifi, if you were already connected.

In this screen you can choose your WiFi network so that the Raspberry Pi can connect to the internet, and add the stream server where you will stream your sounds to.

Save, and you should be ready to stream. You will stream on a Website with an integrated mixer, so you will be also able to modify your stream live. The stream will be listenable for all the participants.

Steps to wear BELT REMOTE

You will need:

- Microphone clip to fix your microphone or any kind of installation on your body (important to put the microphone in a way you can listen to the environment and not only to your body movements)
- a pouch or multitool belt, or self-designed belt : you have to have place for the powerbank, raspberry with soundcard and microphone