

# Quick Setup Guide + User Manual

This guide explains how to setup and use your new Transistor.

## 1 – Create the micro SD card

The micro SD card is where the software for your Transistor is installed.

- Download the [latest image](#), that's the ZIP file named image. Unzip it.
- Flash the image onto the micro SD card. If you don't know how, you can do it with [etcher](#).
- Physically install your micro SD card into your Transistor. You will find the micro SD slot inside your Transistor, behind the screen, on the side where the micro USB cable is plugged. You may need to unplug the cable for better access, don't forget to plug it back.
- Turn on your Transistor by pushing the power button. It should wake up and eventually light up the screen after a minute or two.

## 2 – Connect your Transistor to your wifi network

Your Transistor will play web radios through internet and thus needs to be connected to a wifi network.

- You need to connect to your Transistor to access the wifi setup. Your Transistor has its own wifi access point. Look into your available wifi networks and connect to the one called Transistor, the password is also Transistor.
- Once you are connected to the Transistor wifi, open the [wifi settings](#) (← click this link!)

It can take some time to load at the beginning, be patient. In the wifi settings you need to enter your home wifi name and password. Then press OK, your Transistor will restart and connect to your wifi.

- Now you can connect back to your home wifi network.

## 3 – Connect to your Transistor interface

Your Transistor has a web interface that allows you to control it.

- You need to find your Transistor IP address: it's easy! Just press and hold the play/pause button until you see those numbers appear on the screen (it should take 1 second, if nothing appears then your Transistor is probably not connected to your wifi and you should go back to step 2).
- Now enter those numbers, with the dots (example: 192.168.1.10), in your web browser and press enter. You will see your Transistor interface show up in your browser.

## 4 – Enjoy! User Manual

Your Transistor is now ready to play web radios and more.

- Play web radios: from the web interface, click the **+Radio** button and enter the name of the radio you want to listen to. Wait a bit (be patient, sometimes it takes time) and you will see your web radio being added to your list. You can click it and it will start playing. You can add as many radios as you like. Alternatively, if you have the http stream that you want to listen to, you can add it by clicking the **+Stream** button.
- Play your podcasts: from the web interface, click the **+Podcast** button. That takes you to the podcasts settings, where you can subscribe to podcasts if you have their RSS feed. You specify the number of episodes you want to keep for each podcast, remember that each episode takes some space, the space remaining on your Transistor depends on the size of the micro SD card and is indicated at the top of the podcasts settings page. Podcasts are updated every 30 minutes. It takes some time to download each podcast so be patient. You will see your podcasts appear in the **Podcasts** section on the main interface, ready to play. Remove them from your playlist once you have listened to them. Don't worry about the files, they will be removed automatically when they are replaced by a more recent episode.
- Bluetooth speaker: Simply look on your phone / computer for the list of available bluetooth devices. You will see a bluetooth speaker called Transistor, just connect to it, no password required.
- Sleep timer: Take your Transistor to your bedside and fall asleep listening to it, it will turn off automatically! Press and hold the power button for 1 second, Transistor will play a notification sound, you can release the button. Transistor will then shut down 20 minutes later. If you don't fall asleep right away, you can repeat that action to set the timer to another 20 minutes, as many times as you want. Or you can simply turn off Transistor immediately as you would normally do by pressing the power button.
- The BiG NexT ButtoN (TM): Transistor has physical buttons to control the most common operations like play / pause, power on / off, volume up / down and also previous / next stations. The next button is probably the most useful and thus has a dedicated big arcade style button that feels good when hit.
- Screen: The screen shows what the web radio sends along the audio stream. Most of the time it means the radio title, and sometimes also the currently playing song name and artist name. That depends solely on the web radio.