entr0py Encore - HowTo participate

Hardware

Using the audio setup from the club



Images will follow.

First of all, place the microphone stand in front of you. Next, connect the microphone spider to the stand. Now install the Rode Procaster microphone in the spider.

Next connect the Presonus AudioBox with the provided USB cable to your machine.

Now connect the microphone via the provided XLR cable to the Presonus AudioBox.

Next connect the provided headphones with the Presonus AudioBox.

Now push the 48V button on the Presonus AudioBox. Now speak in a normal voice into the mic and adjust the gain until the clip led lights up. If it lights up, then rollback a little bit, until the led does not light up anymore.

DIY Small Audio Setup

Good audio quality is everything in podcasting, so a good audio setup is needed for it.

Audio Interface

A USB audio interface that works for your OS is enough. It should at least have 1 XLR input and 1 Headphone output. It should also provide 48V phantom power. I recommend this one Presonus AudioBox USB 96, it can be used on all major OS.

Microphone

A good microphone is the heart of the small audio setup. For podcasting a large diaphragm microphone with an cardioid pattern should be used. I can recommend two different ones:

- Audio Technica AT2020
  - The AT2020 is also available with an USB connection instead of XLR. The link points to the XLR version. The USB/USB+/USBi version is not recommended.
- Rode Procaster

You can find sometimes bundles at Thomann, which include some accessories. They are often a little

cheaper, but are guaranteed to work, so you might also search for them to save on money.

Microphone Accessories

A microphone needs accessories. First of all we need a shock mount, so that the microphone is less susceptible for vibrations of your table etc… Buy also the correct shock mount for your microphone.

- For the Audio Technica AT2020: Audio Technica AT8458
- For the Rode Procaster: Rode PSM1

Secondly you need an microphone stand. Stands come in all different sizes and variants. I would personally go with an table stand or a table mounted arm like the Rode PSA1.

A pop filter or wind shield is not a necessity, but a nice to have. Here are compatible choices:

- For the Audio Technica AT2020: Audio Technica AT8137
- For the Rode Procaster: Rode WS2

You need an XLR cable. Buy a good quality one and it shouldn't be too short.

Headphones

You need headphones. Without headphones, I will not let you participate. Anything is good here. If you want to buy new ones, I can recommend you the following: Audio Technica ATH-M50X

Software

We use Studio Link. Please install the standalone client for your OS. Also test it before the recording date with your audio setup, to make sure everything works. You should also be connected via a wired connection.

On the day of the recording, send your studio link id to metalgamer. He will call you from his client. Don't call the other participants, because this only will result in multiple feedback.

From:
https://wiki.c3l.lu/ - **Chaos Computer Club Lëtzebuerg**

Permanent link:
https://wiki.c3l.lu/doku.php?id=projects:entr0py_encore:how_to&rev=1609709755

Last update: **2021/01/03 22:35**