

P R O J E C T

# REVOICE

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## Here's how to best record your voice

Project Revoice is powered by breakthrough voice cloning technology, developed by our Canadian software partner Lyrebird. With 2-3 hours of high-quality audio recordings to work with, this model can synthesize the essence of your voice and build a complete digital recreation of it. Since this technology is 100% dependent on the quality of your voice recordings, it's important that you follow the recommendations on these pages when recording your own voice on [projectrevoice.org](https://projectrevoice.org)

### WHAT YOU NEED

1. A headset microphone with a USB connection. The microphone should also be noise-cancelling with high quality voice input. A suitable device should be available to purchase for around \$100 USD. We have successfully used a Sennheiser SC 260 USB CTRL II Corded Headset
  - a. *Do not record on your phone. Your phone's microphone quality and processing power is not sufficient to create a good Revoice.*
  - b. *Do not use a desktop microphone or the built-in microphone on your laptop or computer. The audio quality on these devices is not sufficient to create a good Revoice.*
2. A computer with an Internet connection and an up-to-date version of one of the following browsers; Chrome, Microsoft Edge, Firefox, Opera or Safari. **Internet Explorer is not supported** as it does not allow any audio input.
3. A quiet indoor space. The room where you record yourself should be completely quiet and as echo-free as possible. See more details under 'Tips for successful voice banking'.

### TIPS FOR SUCCESSFUL VOICE BANKING



Position the microphone to the side of the mouth, level with the jaw, to avoid feedback or audible breath noises. With each section you record, make sure you listen for feedback and breathing noises before continuing to the next section. Where necessary, re-record the section until all you hear is your own voice.



Have a drink of water on hand and take regular drinks between recordings to keep your mouth and lips moist. This helps to reduce noises made when the lips part to begin speaking.



Turn off your phone and other machines operating in your home. Make sure all windows are closed. Any external sounds such as footsteps, humming from Air Conditioning units, fans, washing machines, faint music, televisions, other people talking or sounds from outside will risk contaminate your recordings and compromise the end quality of your Revoice.



Record in the same environment each time to keep the overall audio consistent. Your recording space should be as echo-free as possible to avoid your voice "bouncing around" and compromising your recordings. Having plenty of soft materials around such as carpet floors, curtains, rugs, couches etc. will help minimize echoes.



Try to record at the same time of day, if recording on multiple days. For people with ALS/MND it is often recommended that recordings are made in the morning, when the voice tends to be strongest. There is no time limit on how long to take to complete the recordings, so it is possible to do this over several days. However, it is important that the voice quality remains consistent throughout recording, so it is advisable to complete the process as soon as possible.

## FREQUENTLY ASKED QUESTIONS

### *What quality can I expect from my own Revoice?*

The end result of your Revoice depends on a few factors, including the current state of your natural voice, the equipment you use to record yourself and even your accent. If you want an indication of the end quality you can expect when following the recommendations in this document, go to [projectrevoice.org/technology](http://projectrevoice.org/technology) and watch the video.

Please note that this technology is currently limited to English only and optimized for American accents. Future updates may include other languages and accents.

### *Can Project Revoice improve the quality of my current voice?*

Essentially, this technology can copy and repurpose what it 'hears', but it can't improve it. This means that what you record is the maximum quality of what you will get back. If you have noticed changes to your voice from ALS/MND, those changes will also be present in your future Revoice.

### *What happens to my recordings?*

All your voice recordings are securely stored on an encrypted server with Lyrebird. For full terms and conditions visit [lyrebird.ai](http://lyrebird.ai)

### *When will my Revoice be ready?*

Your Revoice will be generated as soon as you've completed recording the necessary phrases with Lyrebird. To use your Revoice we recommend logging into [projectrevoice.org](http://projectrevoice.org) with your Lyrebird account details.