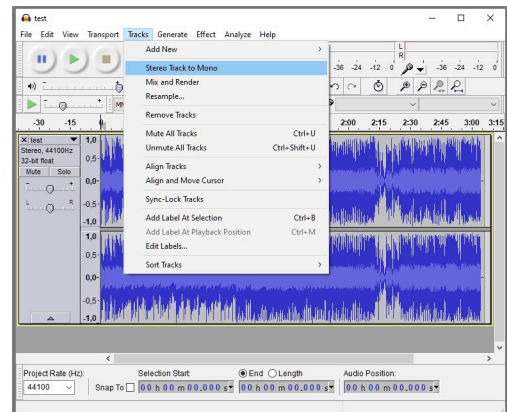


Convert MP3 to QL-style 20 kHz Unsigned Byte Samples (Audacity 2.0.3)

1. Open MP3 file using File → Open...

2. Convert to Mono if desired

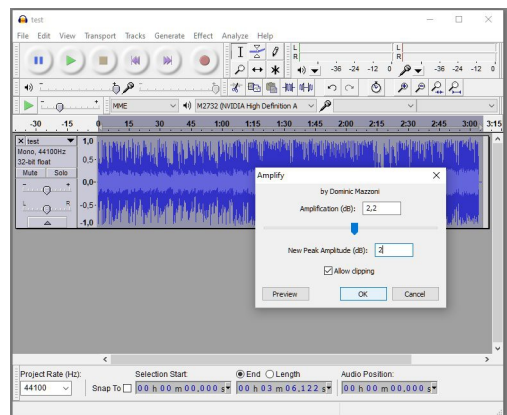
This step is needed if the interface supports only mono playback, e.g. the QIMSI interface. It can also be useful to reduce file size, if stereo quality is not needed.



3. Amplify using Effect→Amplify

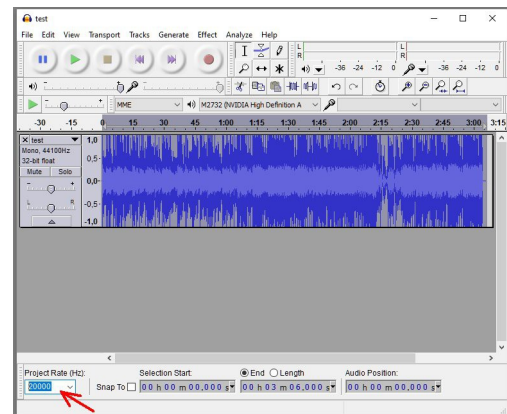
Allow clipping and increase amplitude somewhat. This improves the signal-to-noise ratio when targeting only 8 Bit resolution. The amount depends on the individual audio file. Some experimentation is needed to get the highest possible amplitude where distortion is still acceptable. Use the „Play“ Button to check.

It can also be helpful to use Effect→Normalize prior to Amplify.



4. Set Project Rate to 20000 Hz

Use the input field in the lower left corner

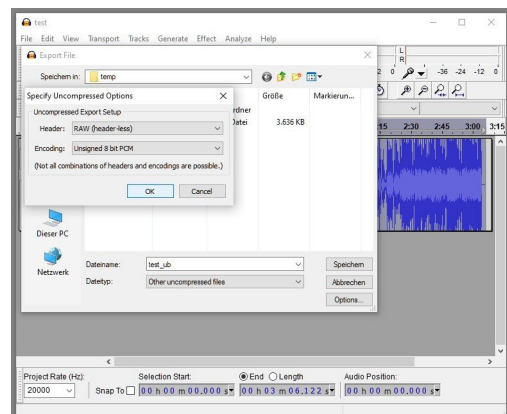


5. Export file using File → Export...

Select „Other uncompressed files“ and choose a file name, usually ending with „UB“

Specify header-less RAW format with unsigned 8 bit PCM encoding and press „OK“

Skip the „Edit Metadata“ step by pressing „OK“ again



Done!

You can now copy the file to your QL-style medium or container image.