



Andacity

Sound Recording and more





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----- W region -----

Biodiversity meets music

Anwärter des nationalen Excellence-Schulnetzwerks

präsentiert des nationalen Excellence-Schulnetzwerks







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What's it all about?

Audacity is a versatile program for sound recording and processing and can be used to

- record audio
- edit sound files
- convert them to various formats (wav, mp3, ...)
 It is
- opensource and free
- available for Windows and Mac OS (no plug-ins needed)

Where do I get the program? <u>https://www.audacityteam.org/download/</u> Manual 3.1 (Getting started, Tutorials): <u>https://manual.audacityteam.org/</u>

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Editing tracks (stereo, mono, rhythm, ...)

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Getting started

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Biodiversity meets music? Yes!

Idea: "Purple Grouse" meets "The Fingerprints - Spanish Dip"



https://pixabay.com/de/photos/seerosen-blumen-grey-headed-swamphen-6808578/?download



Where to find sounds? i.e. birds:

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https://www.tierstimmenarchiv.de/ https://www.macaulaylibrary.org/ https://xeno-canto.org/ https://xeno-canto.org/337592

Where to find music? i.e.

https://pixabay.com/de/music/ https://www.medienpaedagogikpraxis.de/kostenlose-medien/freie-musik/

Beware of licences for publication, or import your own recordings or music!





















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Workflow – have fun!

Open new project, name and save it.

Import sound files (XC337592 - Purpurhuhn/ Fingerprints – Spanish Dip)

Play around using

MINTEC -

Time shift Volume control (envelope tool) fade in, fade out [Waveform, File-Level Editing] Copying tracks Cutting tracks Extract sequences

Effects (sound manipulation) normalize noise reduction



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Save project and export it to an mp3- or wav-file! Well done!







Work space – tool bars

Audacity File Fult Select View Transport Tracks Generate Effect Analyze Tools

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MME	~ 🌷			~		~	Lautsprecher	/ Kopfhörer (Rea	t v	,											
🛡 - 1,0	0,0	1,0	2,0	3,0	4,0	5,0	6,0	7,0	<mark>8,0</mark>	9,0	10,0	11,0	12,0	13,0	14,0	15,0	16,0	17,0	18,0	19,0	20,0



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Getting started

How to get tracks in here – and save it

🛁 Audacity File Edit Select View Transport Tracks Generate Effect Analyze Tools Help



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New Project

▼ - 1,0

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Save project as: Audacity Project (.aup)

Sound Files: Import

Audacity will import and edit files in many formats.

Recording Directly into Audacity

Input devices: webcam (default), microphone, instruments, ... => review for proper recording levels

• Connect the device and turn it on.

präsentier

- Identify the input device/port from the sound preference/control in the operating system
- Open Audacity. Within Audacity, also select the input device.

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Export: Projects must be exported into other audio formats for replaying (.mp3 or .wav). Open: will select an existing Audacity project

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File Edit

▽ - 1,0

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Warning When importing uncompressed audio files you can either copy them into the project, or read them directly from their current location (without copying). Your current preference is set to copy in. Reading the files directly allows you to play or edit them almost immediately. This is less safe than copying in, because you must retain the files with their original names in their original 18,0 19,0 locations. Help > Diagnostics > Check Dependencies will show the original names and locations of any files that you are reading directly. How do you want to import the current file(s)? Choose an import method Make a copy of the files before editing (safer) Read the files directly from the original (faster) Don't warn again and always use my choice above

OK

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Cancel

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Sampling rate

-				201			
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	Wiedergabe.						



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