

# **Debian Edu / Skolelinux Audacity manual**

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## 1 Audacity 手册

这是一本关于 audacity 的手册，基于 Debian Edu Etch 3.0 版中的 1.2.4b-2.1+b1 版本。

在 <http://wiki.debian.org/DebianEdu/Documentation/Manuals/Audacity> 上的版本为一 wiki 版，会常常更新。

翻译 为 debian-edu-doc 包的一部分，可以安装于一网络服务器上，且可[在线浏览](#)。

## 2 在您开始之前

设置 Audacity 并不难，只要您记住将其设置为使用 Jack 接口，这便能够使得同时运行其他使用声音的程序成为可能。如何设置 Jack 使其流畅运行。指南如下：

<http://wiki.debian.org/DebianEdu/Documentation/Manuals/Rosegarden/Setup>

本人制作本文档时，使用的是 Audacity 1.3.3-Beta 版本。

设置 Audacity 使用 jack，您需要进入菜单 --> 1 编辑 ---> 2 首选项目。

edittojack.pdf

接下来要注意的是，项目速率必须与在 jack 中设置的样本速率相同。

samplerate.pdf

### 2.1 插件

这里是一些你大概需要的插件：

<b>** 音频插件 **</b>
swh-plugins
mcp-plugins
terminatorx

放一些你有一定经验的插件

现在您已做好开始录制的准备了。

### 2.2 从何处获取 audacity

您可以方便的使用 aptitude 来安装它，也可以在如下项目页面看一下 <http://audacity.sourceforge.net/>

## 3 进行一些录制

当你录音时最好记住不要将音量设置的过大，往往设置低一点比较合适。

recording.pdf

当你录制了你想要的内容时，你可以对录音进行标准化处理，在录音中自动设置正确的音量而不会有部分声音过载的危险。

normalize.pdf

而后你有一小段合格的录音，看着像这样：

normalized.pdf

Now the volume on this recorded segment is corrected. This is a better way to be sure that the record you have done not are overdriven, so have to Low setting and afterwards let audacity fix the volume on it.

Now we want to remove noise from the record, maybe some background hiss from your microphone. So first part is to make a "noise profile" of what you want to remove from your recorded segment.

1. First zoom out so you more clearly can see the recording.

zoom.pdf

2. Then mark what you want to make a profile of. Buy left click on mouse and hold down on the segment, and drag. You mark the zone you need to get the profile of.

marking.pdf

3. Then choose that you want to use Noise removal.

noiseremoval.pdf

4. 然后创建“杂音轮廓”。

getnoiseprofile.pdf

5. 然后点击 CTRL + A 选择完整录音，并再次从菜单选择杂音去除，而这次按 OK。

还有如果想要添加某些回声，你所喜爱的其他宜人效果，就搜寻建议安装插件后能用到的大菜单。

有几个途径来输出完成的成果。可以输出为 WAV, AIFF MP3, OGG, FLAC，就在文件菜单里选择输出。

## 4 导入音频

使用 audacity 可以导入多种常规音频：Audio, MIDI, Labels 和 Raw Data。可以直接导入 MP3 文件进入项目，并在 audacity 里混合不同的歌曲到一起。

举例。

第一个主歌曲”smurfesangen”，而后为混合可以导入，另一首歌，就在菜单中选择 > > 文件 > > 导入音频，然后新导入的音频会出现在第一个音频下面，混合能力极大。

mixingaudio.pdf

## 5 工具部分

toolbox.pdf

### 5.1 选择工具

要分离可以移动的部分音频首先要使用选择工具，选取需要剪切的。而后使用”ctrl + l” 分离。然后使用时间移动工具移动标出的部分。

### 5.2 缩放工具

使用缩放工具可以缩放音频的标出部分然后用绘制工具操作这一音频。

manipulating.pdf

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### 5.3 包络工具

使用包络工具可以控制任何标出部分的音量大小。

manipulating1.pdf

### 5.4 时间移动工具

使用时间移动工具可以在一定范围内到处移动音频的标出部分。

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## 8 文档的翻译

Versions of this document translated into Norwegian Bokmål, French and Dutch are available. Incomplete translations exist for Polish, Swedish and Simplified Chinese. There is an [online overview of shipped translations](#).

## 8.1 Translate using PO files

As in many free software projects, translations of this document are kept in PO files. More information about the process can be found in `/usr/share/doc/debian-edu-doc/README.debian-edu-audacity-manual-translations`. The Git repository (see below) contains this file too. Take a look there and at the [language specific conventions](#) if you want to help translating this document.

To commit your translations you need to be a member of the Salsa project `debian-edu`.

Then check out the `debian-edu-doc` source using ssh access: `git clone git@salsa.debian.org:debian-edu/debian-edu-d`

If you only want to translate, you need to check out only a few files from Git (which can be done anonymously). Please file a bug against the `debian-edu-doc` package and attach the PO file to the [bugreport](#). See [instructions on how to submit bugs](#) for more information.

可以用以下命令（需要安装 `git` 软件包来工作）匿名签出 `debian-edu-doc` 源代码：

- `git clone https://salsa.debian.org/debian-edu/debian-edu-doc.git`

Then edit the file `documentation/debian-edu-audacity/debian-edu-audacity-manual.$CC.po` (replacing `$CC` with your language code). There are many tools for translating available; we suggest using `lokalize`.

然后或直接提交该文件到 Git（如有那样做的权限）抑或发送该文件到错误报告。

在 `debian-edu-doc` 目录内使用以下命令更新文件库的本地副本：

- `git pull`

Read `/usr/share/doc/debian-edu-doc/README.debian-edu-audacity-manual-translations` to find information how to create a new PO file for your language if there isn't one yet, and how to update translations.

请留意这一手册仍在开发中，那就不要翻译任何含有“FIXME”的字符串。

Basic information about Salsa (the host where our Git repository is located) and Git is available at <https://wiki.debian.org/Salsa>.

如果对 Git 不熟悉，查阅[专业 Git 书籍](#)；有一章[代码库记录变化](#)。也可能需要看一看 `gitk` 软件包所提供的 Git 图形界面。

## 8.2 使用 web 浏览器在线翻译

某些语言团队决定通过 Weblate 来翻译。更多信息参看 <https://hosted.weblate.org/projects/debian-edu-documentation/debian-edu-audacity/>。

请报告任何问题。

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