Digitising Your Music

Converting vinyl records and audio tapes

to digital formats

City of Bayswater

MagooiT

Seniors Tech Support

What is Digital Music?

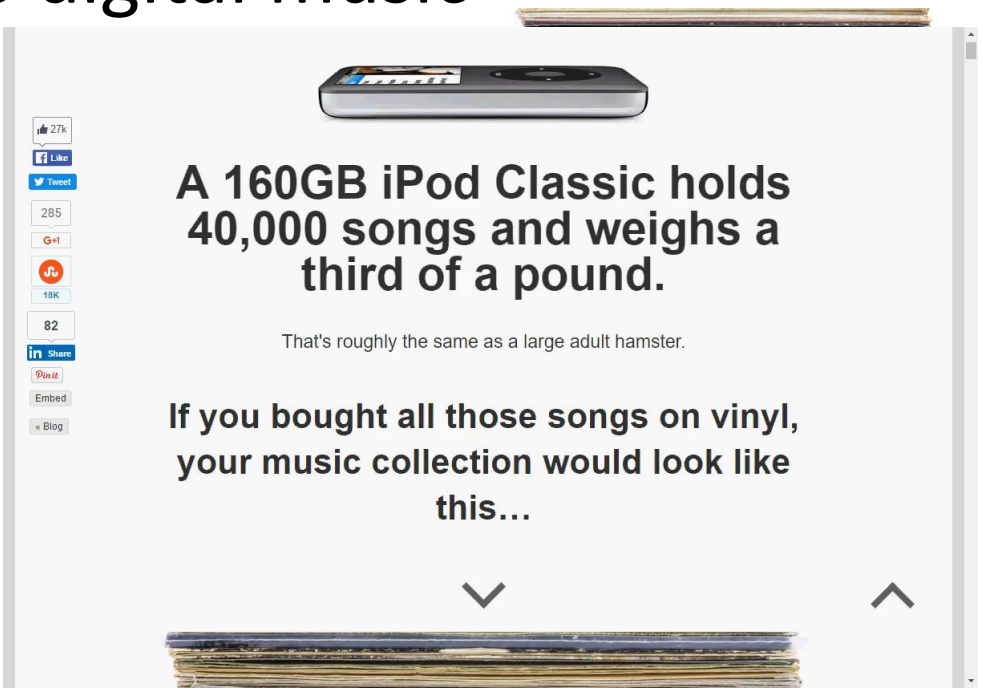
- Cassette tapes and vinyl records store music in an analogue format (magnetically)

- Digital music is stored in a binary format (zero's and one's)

Why Digital Music?

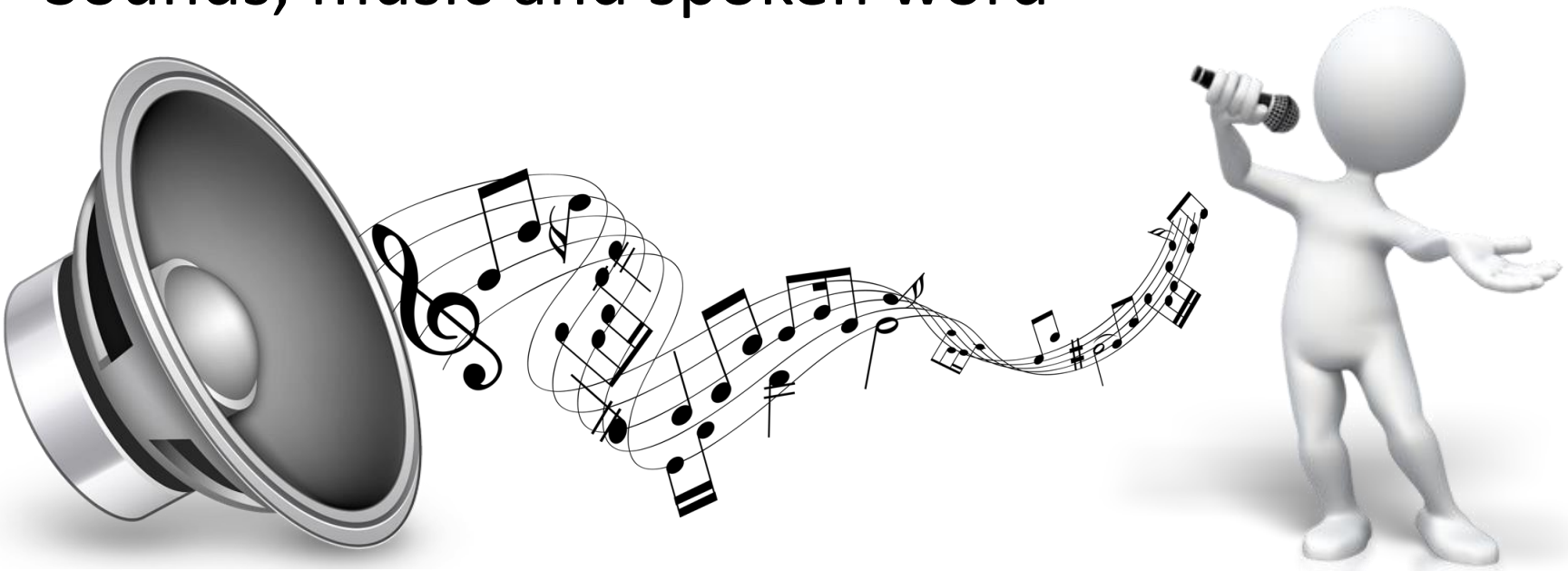
Computers, phones, tablets and other devices make it easy to listen to digital music

- Easy storage
- No clutter or dust
- Easy access to variety
- Cheap
- Quick playlists and mixes
- No quality loss



Audio Formats

- Sounds, music and spoken word



- Types include MP3, AAC, WMA, Wave, MIDI

Before you start recording

1. Is your current analogue equipment portable?

2. Determine which device you will use to record with

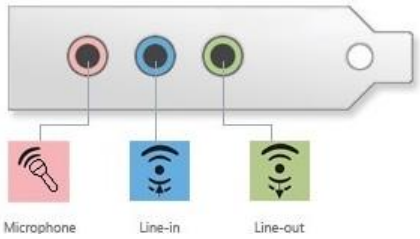
   PC – Windows
   Mac – OSX
   iPad/iPhone – iOS
   Android

3. Find the best software for your platform

4. Source the correct cables

Cables

- PC/Mac sound card with 3.5mm stereo jack plug



- USB Audio Interface

  Behringer U-Control UCA200/202/222

- iPad USB Camera Connection Kit

- Android micro USB adapter

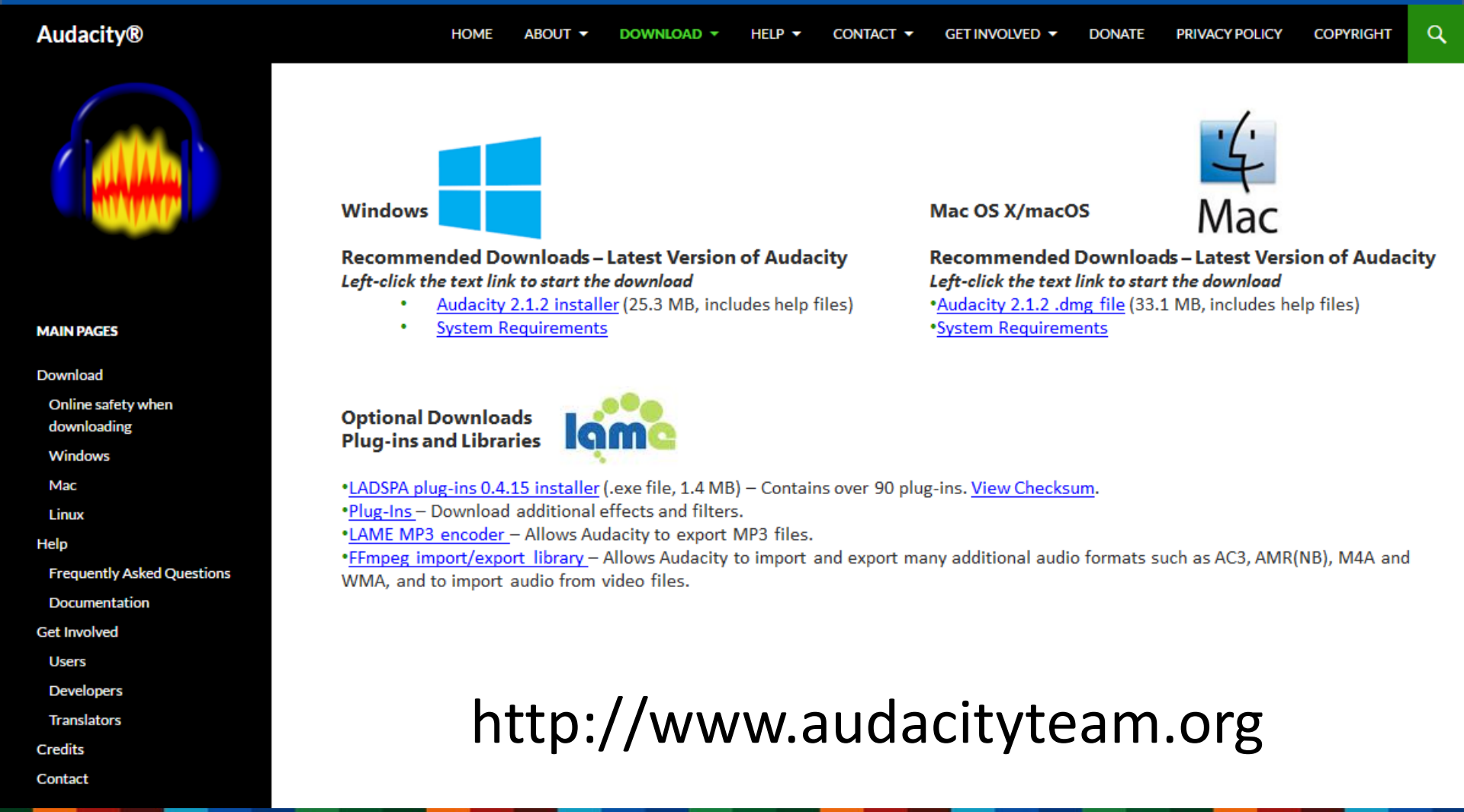
Software

PC/Mac – Audacity + LAME MP3 encoder

iPhone/iPad – Recorder Plus HD

Android - AudioFi

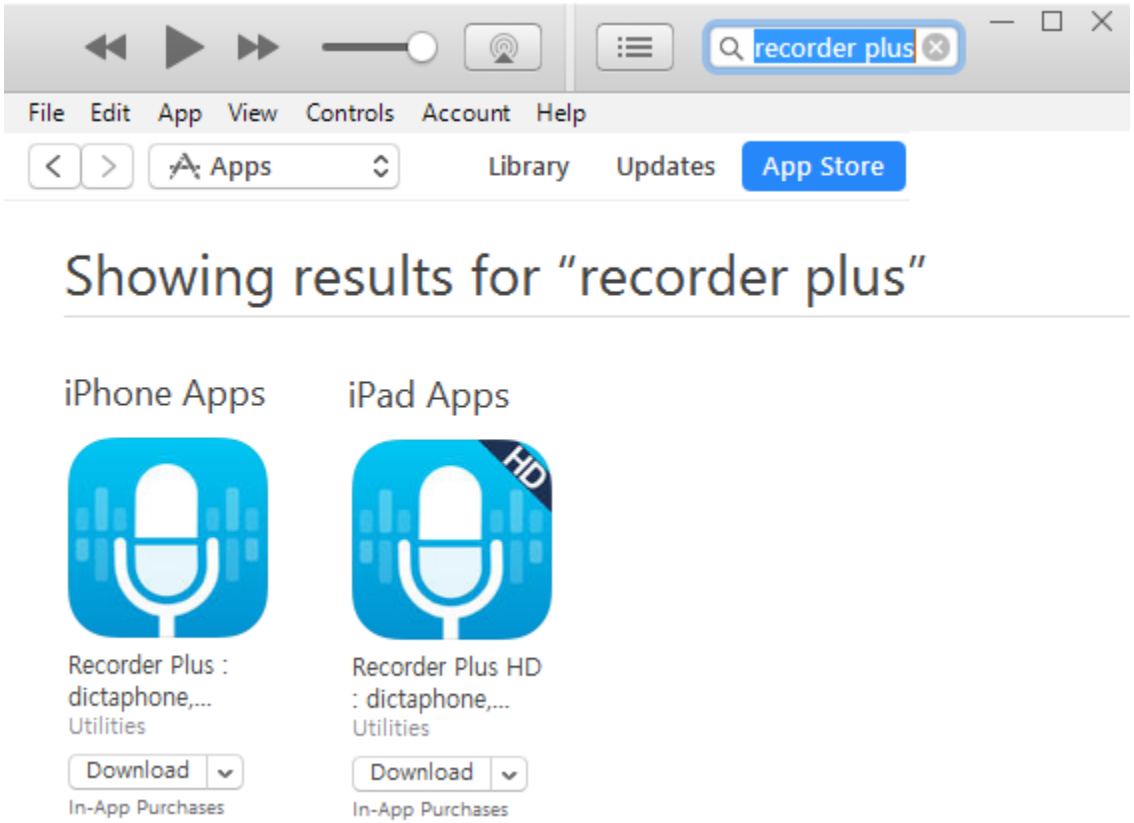
PC/Mac with Audacity

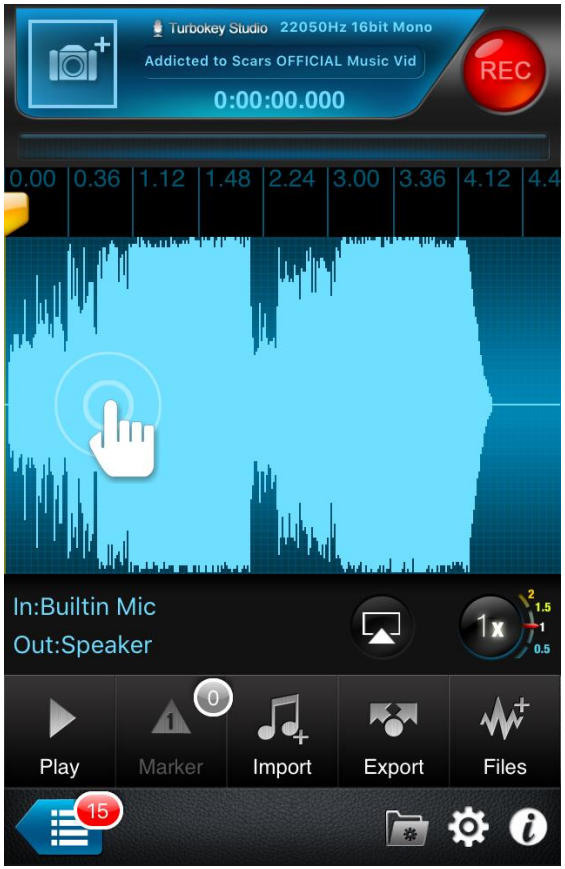


http://www.audacityteam.org

iPhone/iPad with Recorder Plus HD

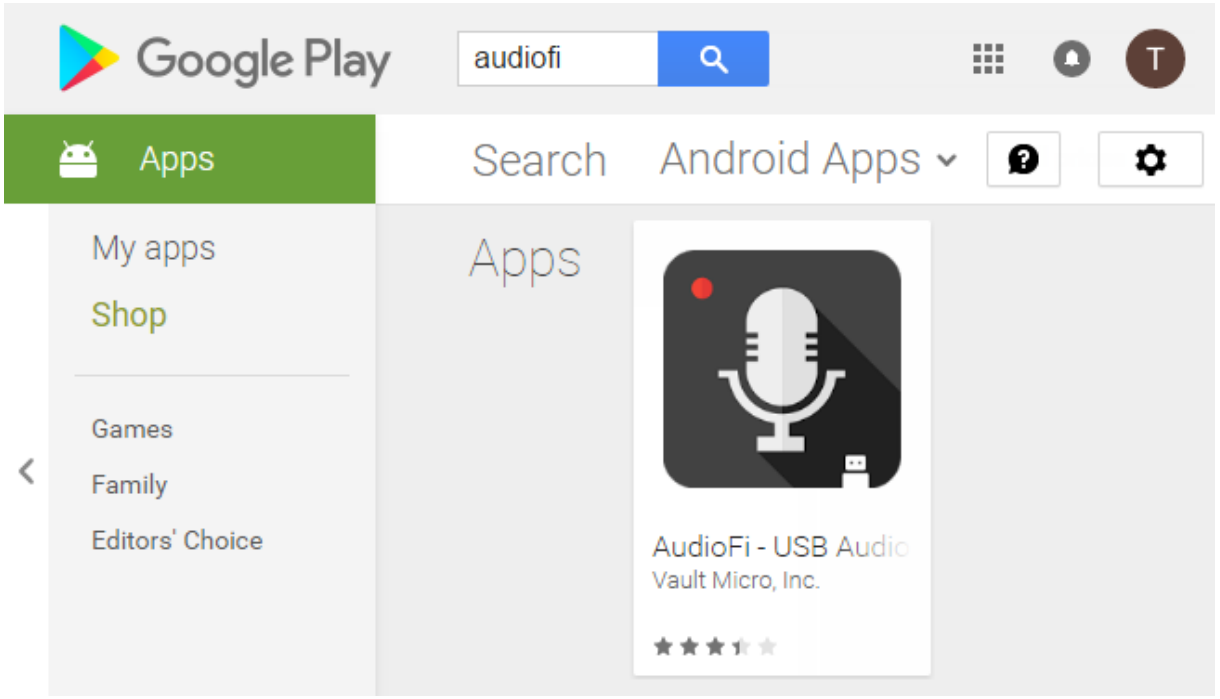
From the App Store





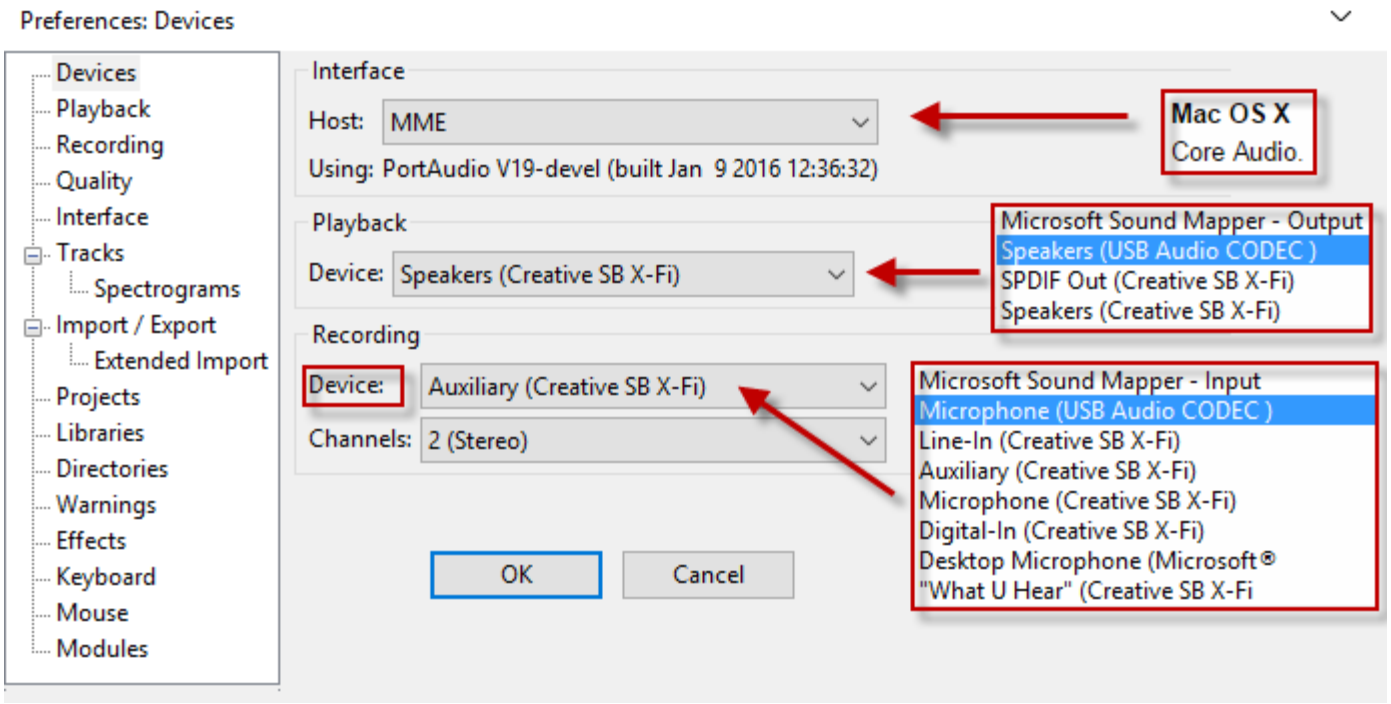
Android with AudioFi

From the Google Play Store



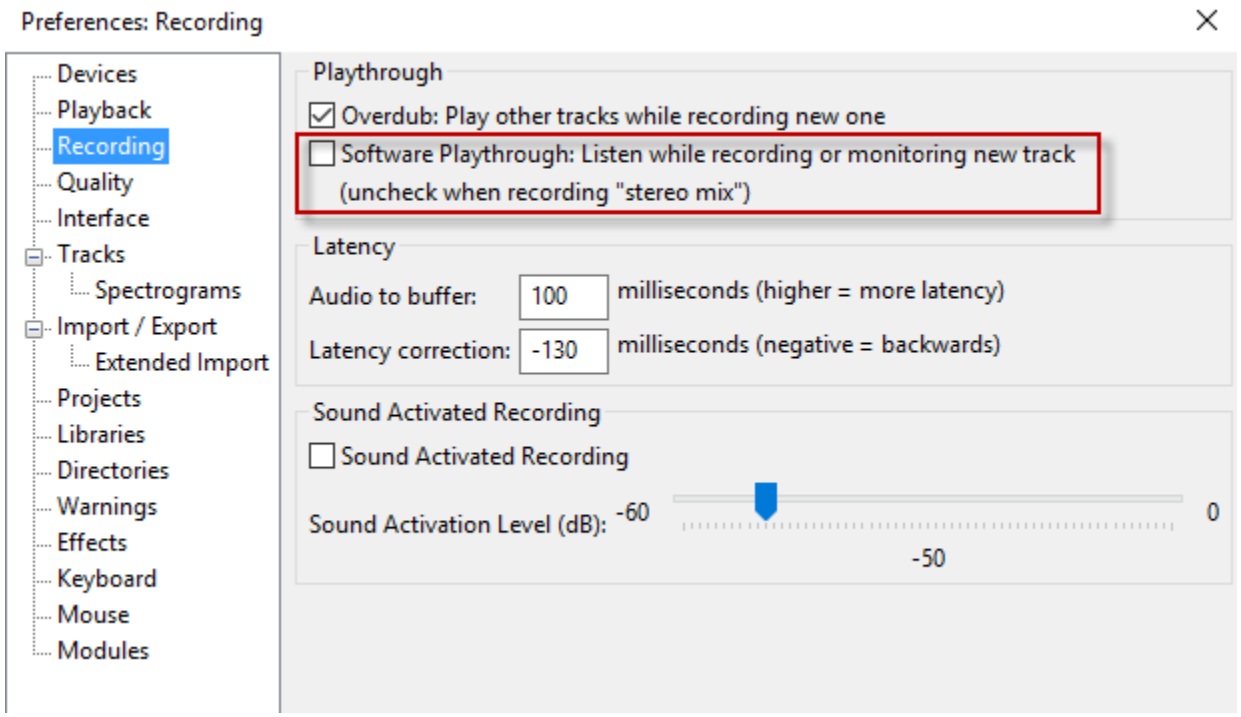
Let’s try Audacity

Audacity setup (Edit – Preferences - Devices)



Let’s try Audacity

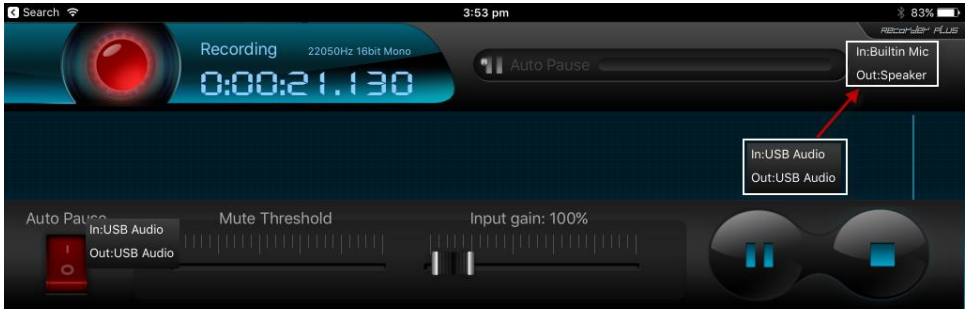
Monitoring while you’re recording

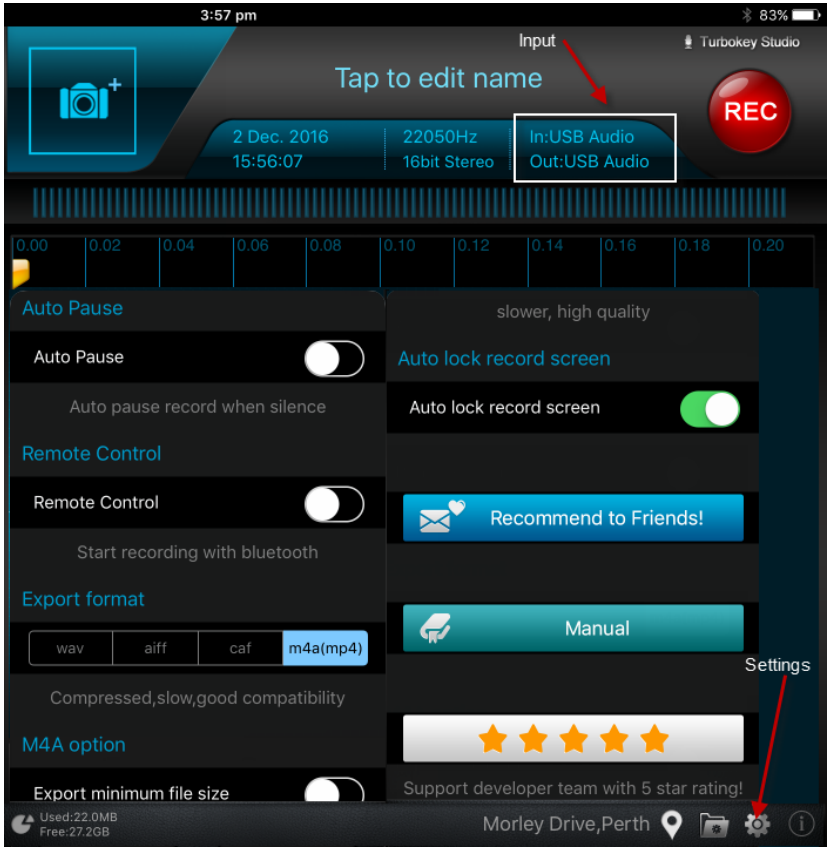


Let’s try Recorder Plus HD

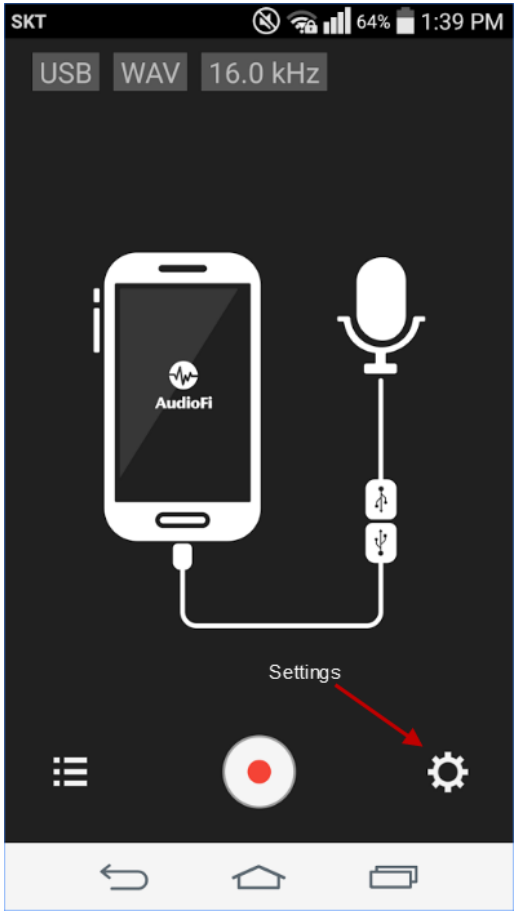
There are multiple types of external input (which are autodetected)

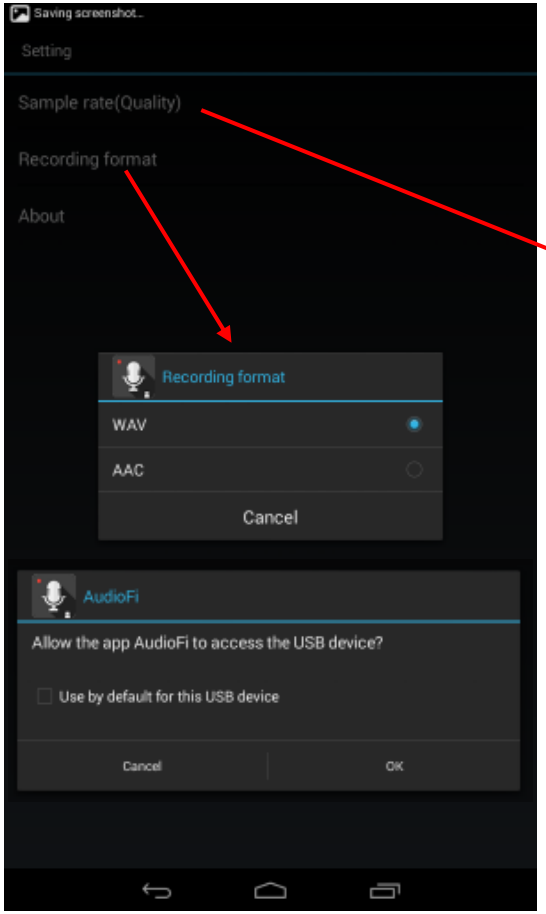
1. External mic
2. Line in
3. Bluetooth in
4. USB audio

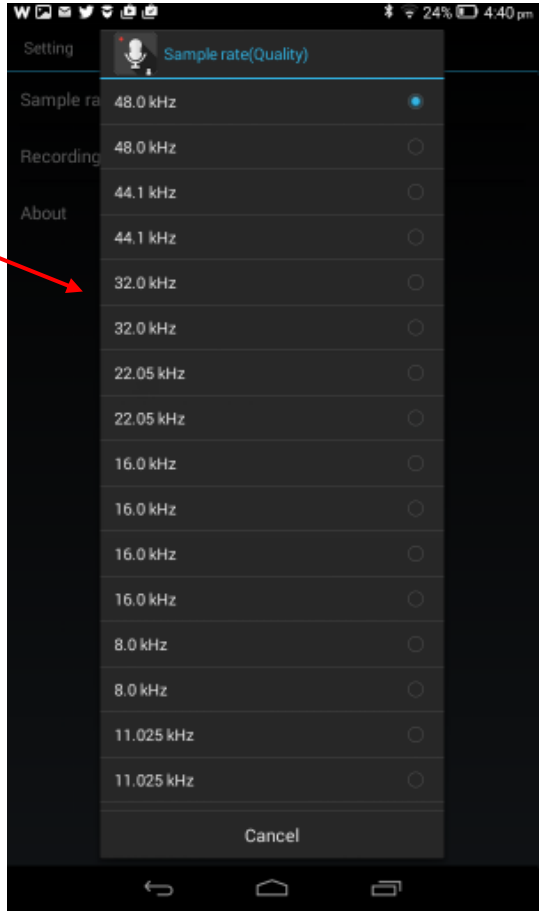




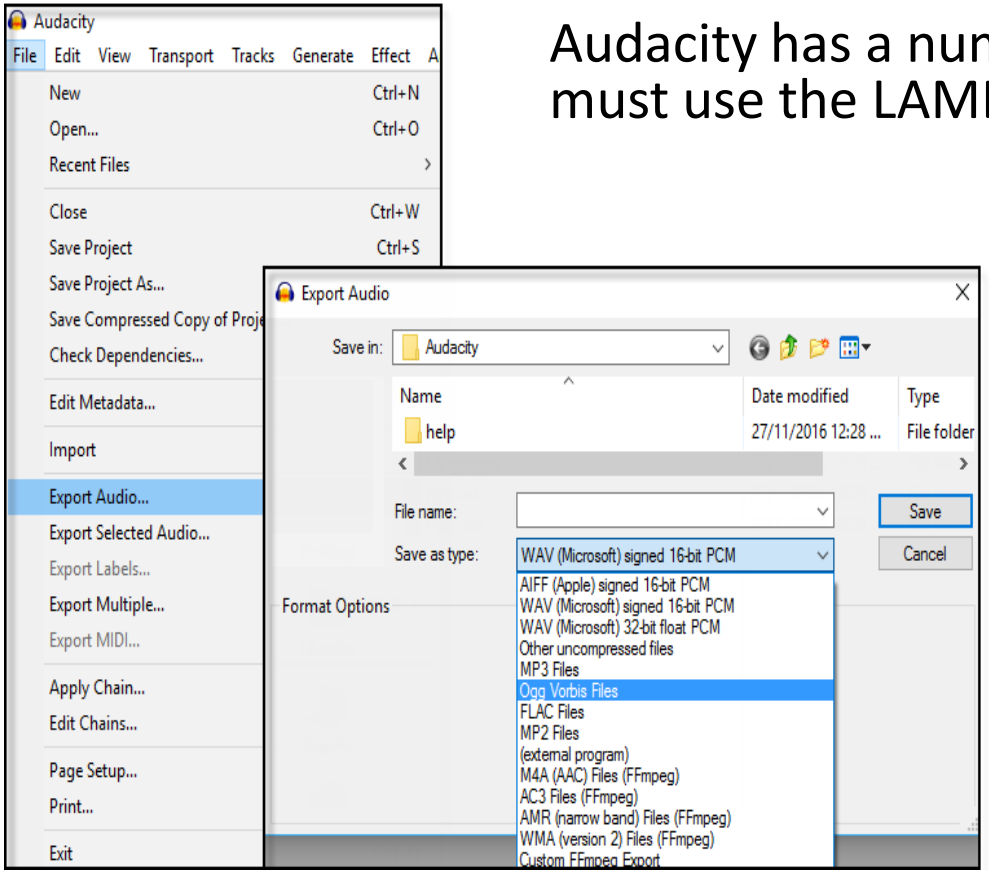
Let’s try AudioFi





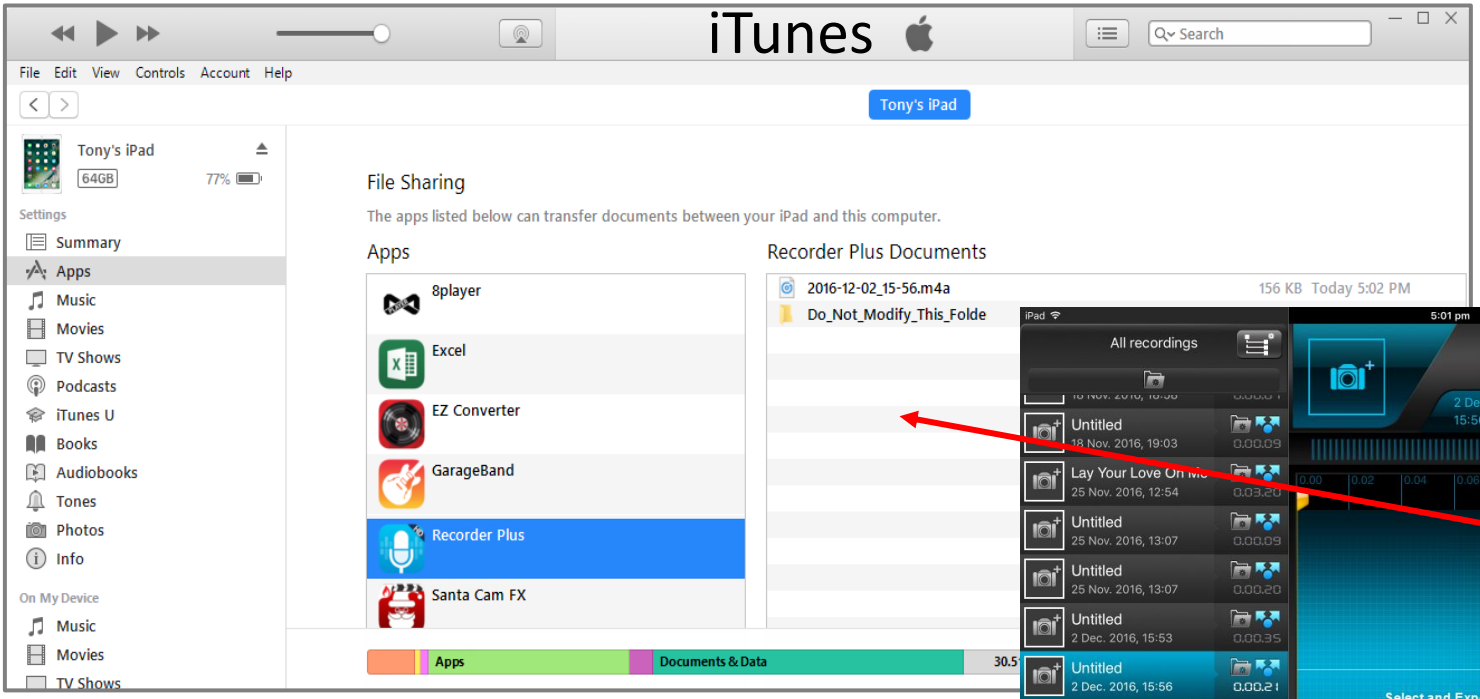


Saving and Exporting Windows



Audacity has a number of export options but you must use the LAME encoder for MP3

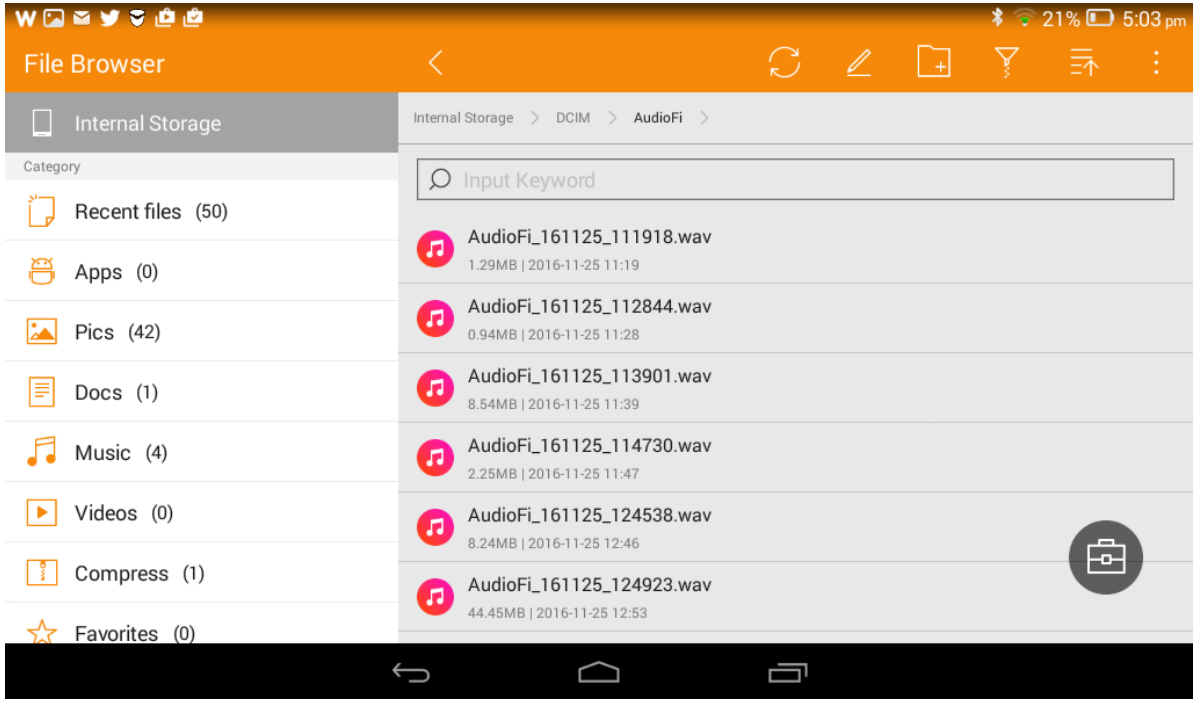
Saving and Exporting iPad



No direct access to Music App

Saving and Exporting Android

Access via the file system



Thank you!

City of Bayswater

support@magooit.com.au
www.magooit.com.au