

# 5 ways to reduce audio file size easily and effectively

This article will show you some effective and easy ways to reduce the size of audio files to help manage easier.

Whether you're a podcast producer, musician, or DJ creating remixes, you need to know how to compress audio files to reduce capacity. And also useful for saving space on the device.

Therefore, this article will guide you some effective and easy ways to reduce the size of audio files for easier management.

## Tools to reduce audio file size

1. Should choose lossless compression (no loss) or lossy compression (lossy)?
2. 1. Compress MP3 files with iTunes
3. 2. Compress audio file with Monkey's Audio
4. 3. Reduce the size of audio files with Audacity
5. 4. Use an online compression tool
6. 5. How to reduce the size of audio files on Android

## Should choose lossless compression (no loss) or lossy compression (lossy)?

The first step in reducing the size of an audio file is to choose lossless or lossy compression.

1. The lossless format preserves the original data, so the files are much larger.
2. Lossy formats use lower bit rates, removing the good part of audio file data. It reduces the overall sound quality, making the file smaller.

The lossy format works in most cases, as long as the bit rate is not set too low, you will not be able to distinguish much between lossy and special lossless audio especially when listening on the phone through the ear. listen.

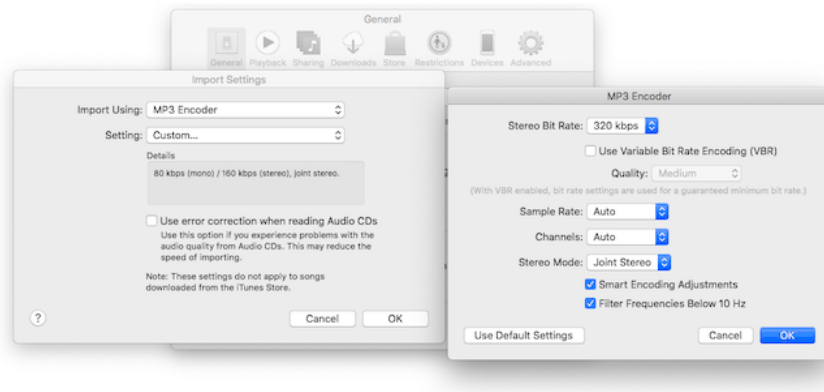
If you have plenty of storage space and high quality headphones or speakers, you can choose a lossless format.

You can always convert lossless audio to a lossy format, but not vice versa.

## 1. Compress MP3 files with iTunes

When deciding what type of audio file to use, you can easily convert files with iTunes.

Click **Preferences** in the iTunes drop-down menu and navigate to **Import Settings** . In the new window that appears, you can change how the file is imported by selecting another option in the **Import Using** drop-down menu.



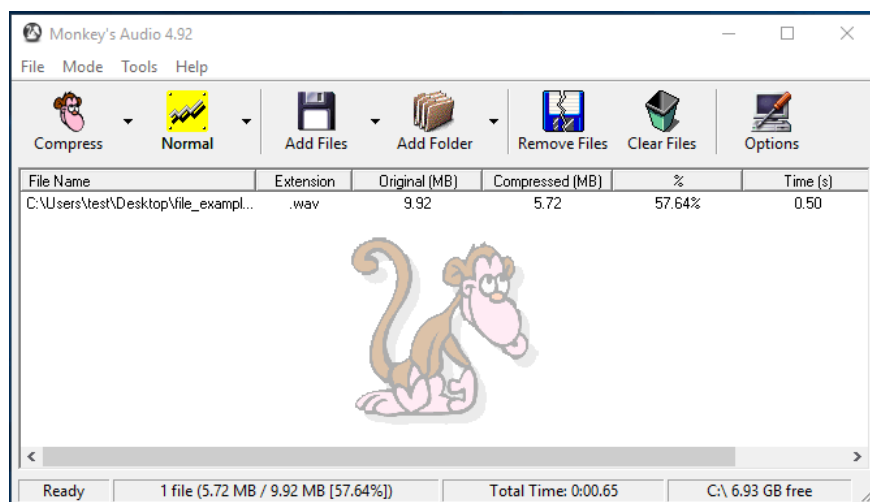
Most people prefer using the MP3 format, but if you want, you can lower the quality a bit to save space by clicking **Settings> Custom** .

Next, right-click the file you want to compress and select **Create MP3 Version** . Apple iTunes will compress the audio file based on the quality setting you choose and place the new file right in iTunes.

## 2. Compress audio file with Monkey's Audio

### 1. Download Monkey's Audio for Windows

Most people can't hear the big difference between a lossy 320kbps MP3 file and a lossless 1414kbps MP3 file, so for casual listeners, the lossy format would be more appropriate. But if you're an audiophile, you're probably not going to like the quality of the audio is reduced. If so, an audio compression tool like Monkey's Audio on Windows will be what you need.

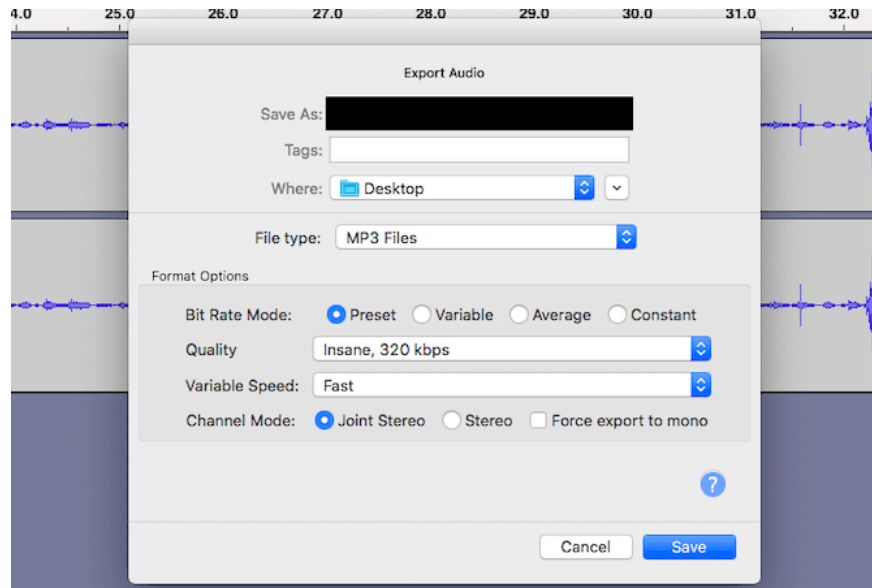


This tool compresses files with no loss, does not affect sound quality and it provides open source code, so developers can use it for their programs. And the special thing is that this software is completely free.

### 3. Reduce the size of audio files with Audacity

#### 1. Download Audacity for Windows

Using iTunes is an easy way to convert audio files but only for Apple or iTunes users. Another tool to compress audio is Audacity, available on most operating systems.



Audacity has many features for recording and editing audio, but it also compresses audio files. The user interface can be a bit difficult to use for many people, especially those who have never used audio editing software before but using it to reduce file size is quite simple.

**Step 1** . Open the file in Audacity.

**Step 2** . Go to **File> Export** and choose the format you want to save the file to.

**Step 3** . In **Format Options** select **Bitrate Mode** , constant bit rate or variable bit rate, then set **Quality** .

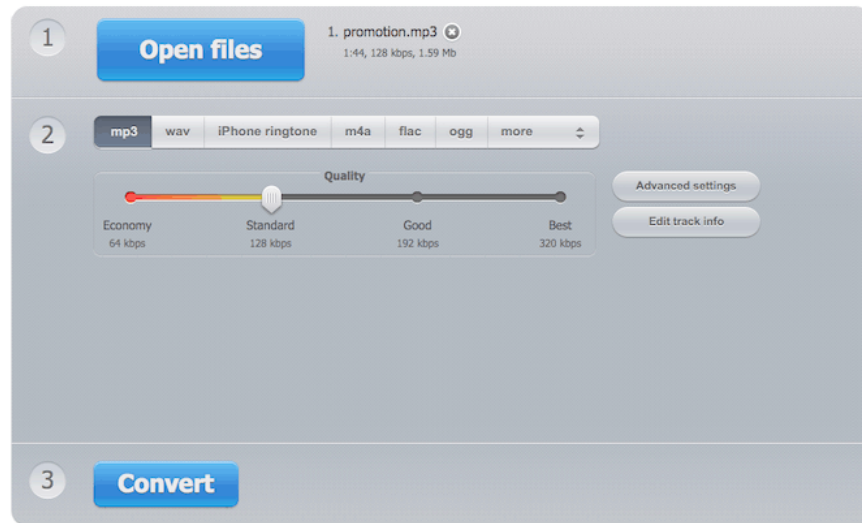
**Step 4** . Click **Save** to save the new compressed file.

Audacity also allows adjusting the actual sound waves of the sound. You can choose the flat part of the wave and delete them because there is practically no sound. Once it's set, click on **File** and choose **Export as MP3** to convert the file into a more easily stored format.

### 4. Use an online compression tool

If you do not want to download and install the software, you can use the online service. Most of these tools provide many of the same features as the offline tool.

One of the great options is Online-audio-converter.com of 123apps. You can convert audio files from computers or online storage services like Google Drive and Dropbox.



It has an easy-to-use interface that allows you to select popular formats like MP3, WAV, M4A and FLAC. In addition it also has iPhone ringtone format. On its interface, you will see a slider used to adjust bit rates from 64, 128, 192 and 320 kbps, while the **Advanced Setting** tab allows adjusting the sample frequency and sample output. mono bar or stereo sound.

1. WAV, FLAC and MP3 do all "play" music?

When finished, click the **Convert** button. This is a quick and easy way to reduce MP3 file size.

## 5. How to reduce the size of audio files on Android

If you need to compress audio files on mobile devices, there are a number of Android apps that can help you do this.

Audio Video Manager is an application that does this well. You can select audio files and convert them to MP3, AAC or even lossless FLAC format.

1. Download Audio Video Manager for Android

11:18



# AUDIO VIDEO MANAGER



AUDIO CUTTER



AUDIO CONVERTER



AUDIO MERGER



DENOISE AUDIO



VIDEO CUTTER



VIDEO CONVERTER



VIDEO TO AUDIO



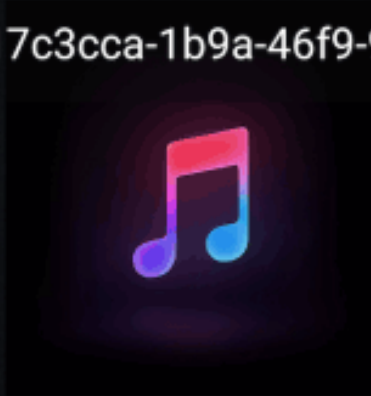
OUTPUTS



11:19



← 617c3cca-1b9a-46f9-9035-08...



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COMPRESS



CONVERT TO

MP3



CONVERT

ENCODING

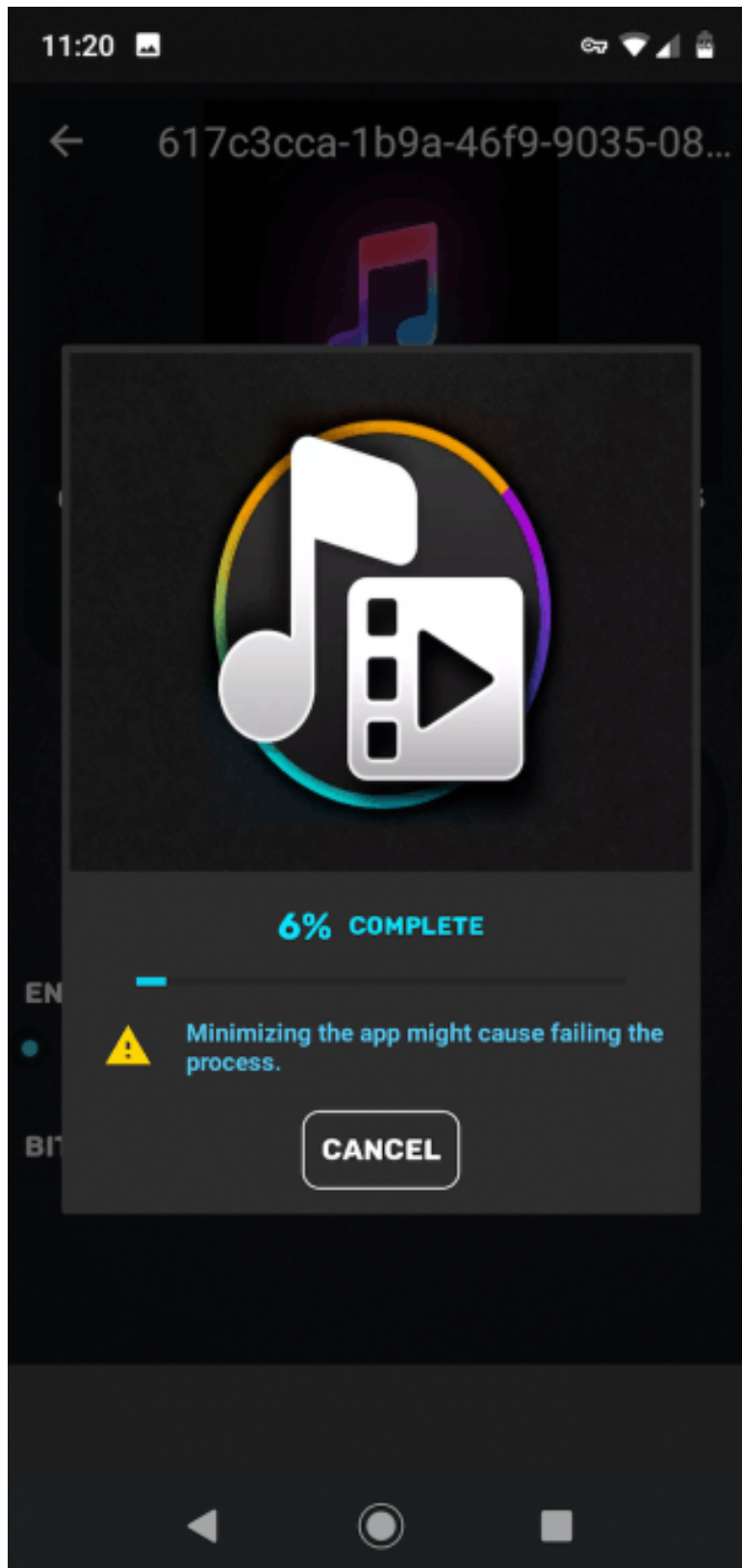
CBR

VBR

BITRATE

320





You can perform file conversion or choose to compress it at the same time. Simply turn on or off the **Compress** option, then choose a constant bit rate, variable bit rate or choose a custom bit rate. You can choose low quality

from 32kbps up to high quality 320kbps.

Then, press the **Convert** button to convert.

Now you know how to compress MP3 files and other audio files. The tools listed above do a pretty good job, and most of them are easy to use.

I wish you successful implementation!

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