

Find and Fix Damaged MP3 Files

One method for geeks, one for novices

MP3, like many other file types, can get corrupted and damaged due to various reasons. When these files are damaged, they won't play in any media players on your computer. You'll need to first repair those MP3 files before they can be played again.

Damage to your MP3 files could be caused due to various factors. Maybe there was an issue with your Internet connection while downloading the MP3 files from the Internet. Or maybe there was a virus that infected your files and they ended-up getting damaged.



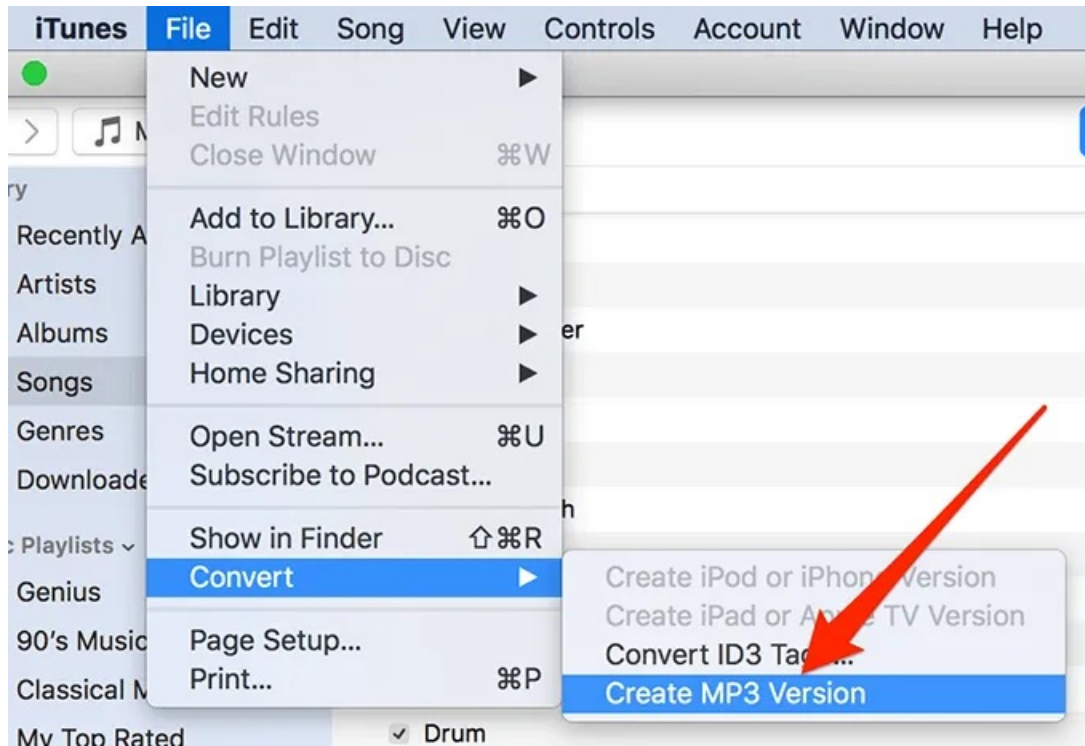
Regardless, there are several ways to repair MP3 files on your computer. Using these methods, you can get your broken MP3 files fixed and make them playable again on your machine.

Use iTunes To Repair MP3 Files

iTunes is actually a media manager that lets you store and play your music files, but it can be used to fix your MP3 files as well. Basically, you can use the app's conversion feature to convert your files to MP3 format again.

This encoding process should remove the broken sectors and fix the files for you.

- Launch **iTunes** on your computer and select the damaged music file you want to fix.
- While the file is highlighted, click on the **File** menu at the top, select **Convert**, and choose **Create MP3 Version**.



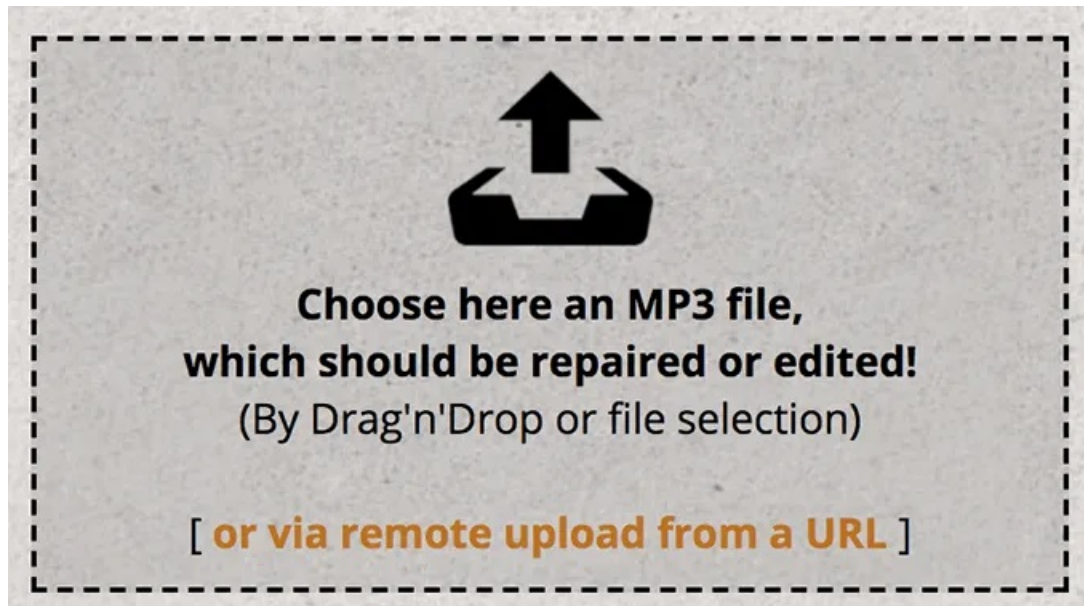
- It'll start creating another MP3 version of your file.

The resulting file that you receive at the end of the process should be error-free and should play without any issues in your media players.

How To Repair MP3 Files Online

If it's just a single or a few MP3 files that you want to repair, you can actually use one of the online repair tools for the task. These tools don't require you to install anything on your computer and you can get your MP3 files repaired by simply uploading them to the web.

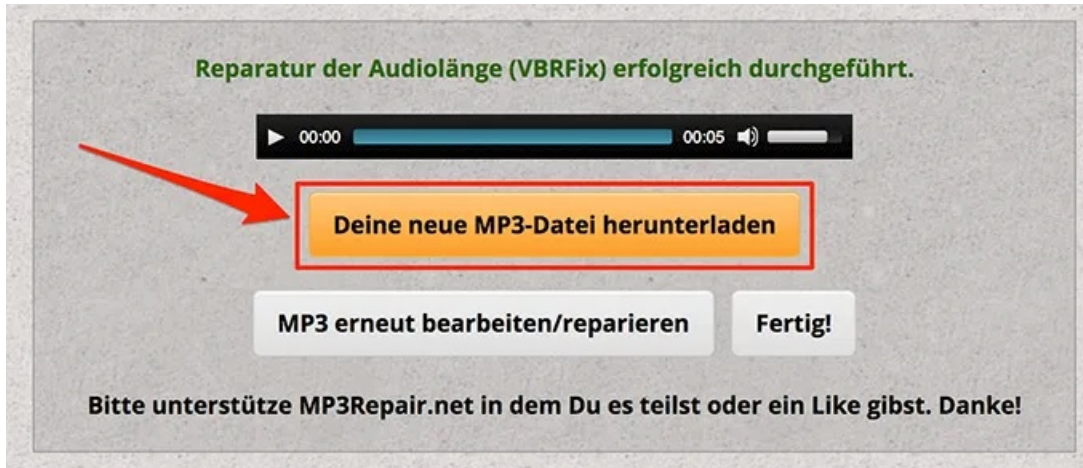
- Open a browser and head over to the mp3Repair website.
- Click on the upload icon in the middle and upload your damaged MP3 file.



- When it's uploaded, checkmark the option that says **Repair audio length (playtime)** and click on the **Repair/Edit your MP3 file now!** button. It'll start repairing your file.



- For some reason, when the file is repaired, the site turns to using German as the language. You can, however, click on the orange button in the middle to download your repaired MP3 file.

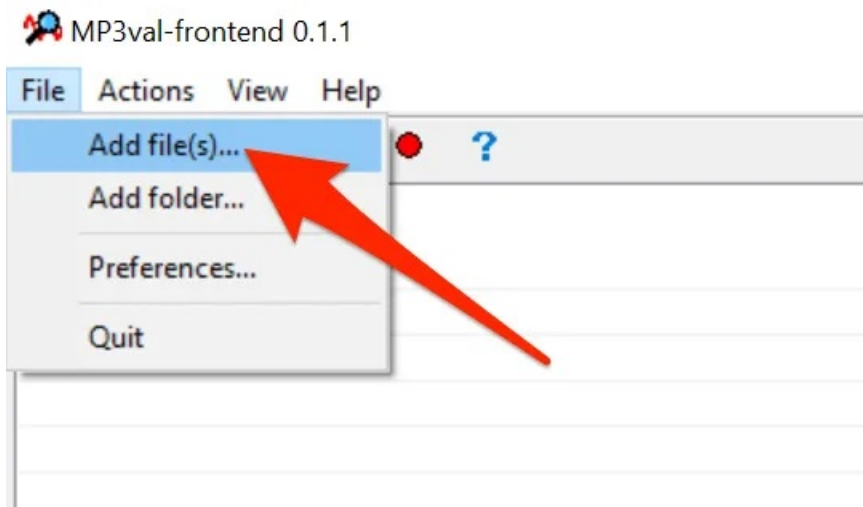


That's how you repair your MP3 files online.

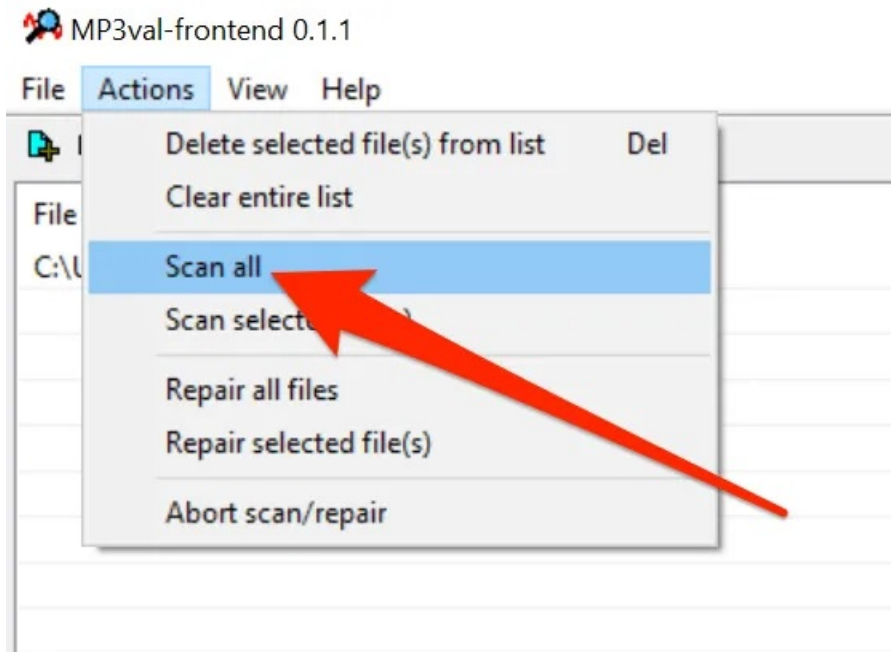
Repair MP3 Files Using MP3val

MP3val is a free and open-source utility that lets you fix your damaged MP3 files with the click of a few buttons. There isn't much configuration you need to make and it just works straight out of the box. Also, it's portable so you don't need to install it to use it.

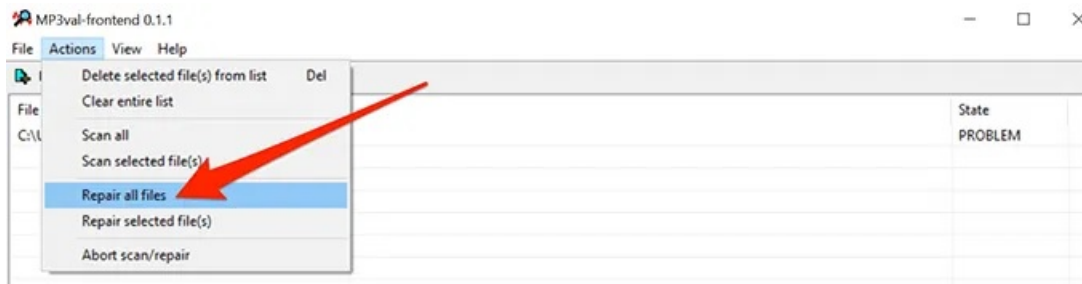
- Download MP3val on your computer, extract the archive, and launch the executable file.
- When it opens, click on the **File** menu at the top and select **Add files**. It'll let you add your damaged MP3 files.



- Add all of your damaged MP3 files that you want to fix to the app.
- When the files are added, click on the **Actions** menu at the top and select **Scan all**. It'll scan all the files in the list for errors.



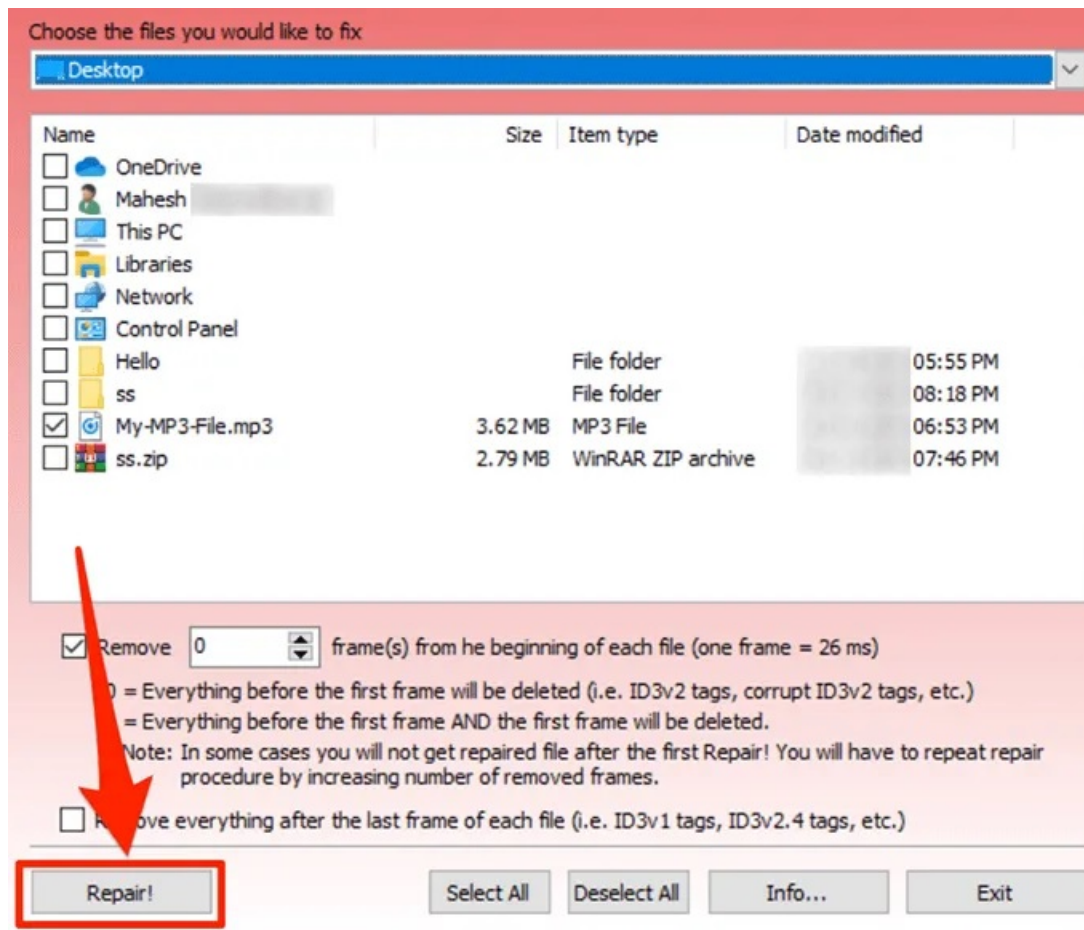
- The **State** column will say **PROBLEM** for all the files that the app detects as damaged. To fix these MP3 files, click on the **Actions** menu again and select **Repair all files**.



Fix Broken MP3 Files Using MP3 Repair Tool

MP3 Repair Tool is yet another free way to repair MP3 files on your computer. It fixes the files by removing the frames from either at the beginning or at the end of the files. You can also manually specify the number of frames you want to remove until your file gets fixed.

- Download and launch MP3 Repair Tool on your computer.
- On the main screen, it'll ask you to select the files you want to fix. Checkmark your damaged MP3 files and click on the **Repair!** button at the bottom.



- It'll let you know when your files are repaired.
- If your files still don't play after fixing, you'll probably need to repair them again using the tool. The tool recommends you to keep on increasing the number of frames to be removed by one until your file is fixed.

Enter in 1 in the **Remove** box and hit **Repair!**. Keep on increasing this number until your file becomes playable.

Choose the files you would like to fix

Desktop

Name	Size	Item type	Date modified
<input type="checkbox"/> OneDrive			
<input type="checkbox"/> Mahesh			
<input type="checkbox"/> This PC			
<input type="checkbox"/> Libraries			
<input type="checkbox"/> Network			
<input type="checkbox"/> Control Panel			
<input type="checkbox"/> Hello		File folder	05:55 PM
<input type="checkbox"/> ss		File folder	08:19 PM
<input checked="" type="checkbox"/> My-MP3-File.mp3	3.62 MB	MP3 File	06:53 PM
<input type="checkbox"/> ss.zip	2.79 MB	WinRAR ZIP archive	07:46 PM

Remove frame(s) from the beginning of each file (one frame = 26 ms)

0 = Everything before the first frame will be deleted (i.e. ID3v2 tags, corrupt ID3v2 tags, etc.)
1 = Everything before the first frame AND the first frame will be deleted.

* Note: In some cases you will not get repaired file after the first Repair! You will have to repeat repair procedure by increasing number of removed frames.

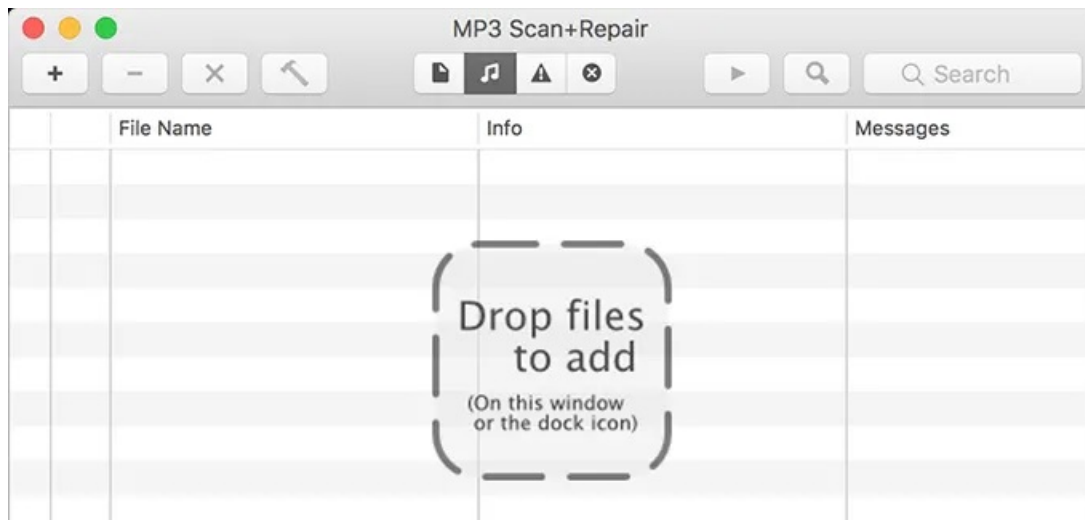
Remove everything after the last frame of each file (i.e. ID3v1 tags, ID3v2.4 tags, etc.)

Repair! Select All Deselect All Info... Exit

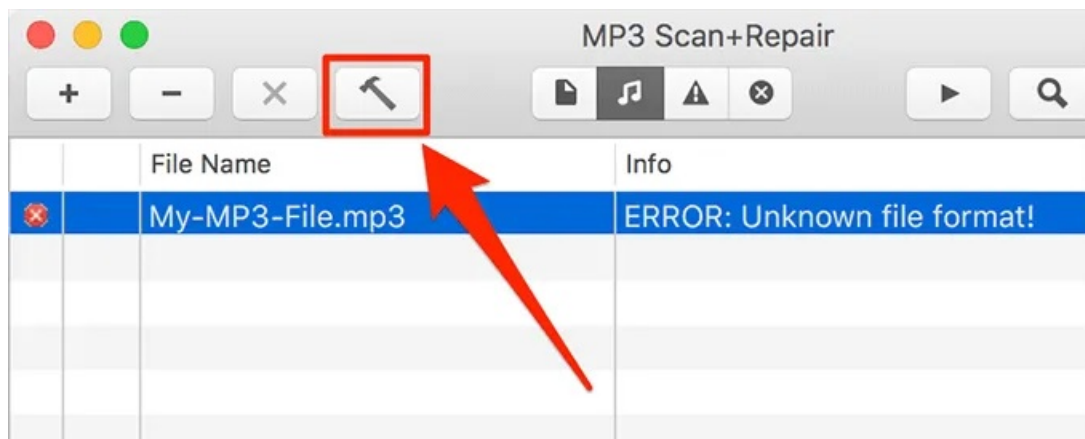
Repair MP3 Files With MP3 Scan + Repair App

Mac users have a free app called MP3 Scan + Repair App to help you scan your MP3 files for any issues and fix them on your machine.

- Download and launch the app on your Mac.
- Drag and drop your damaged MP3 files onto the app interface.



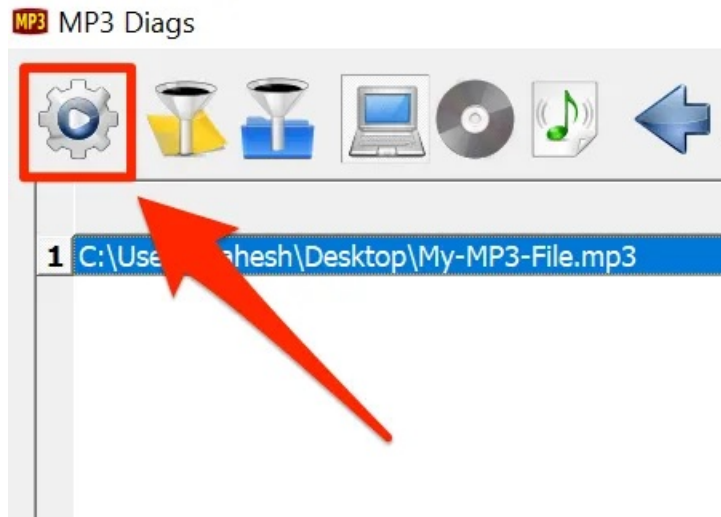
- Click on the hammer icon in the app to start repairing your MP3 files. Please bear in mind that your original files will be replaced by the fixed files.



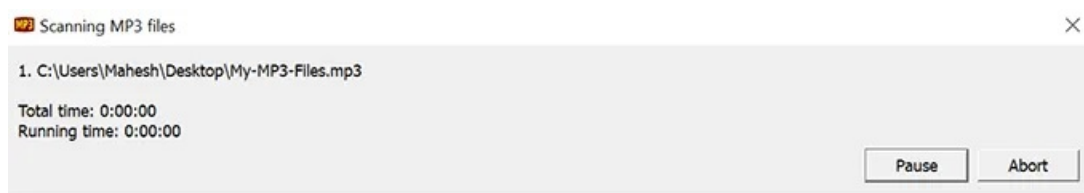
Use MP3 Diags To Repair MP3 Files

MP3 Diags is again a free and open-source app to let you fix your damaged MP3 files on your computers. It has a pretty quick procedure to fix your files and all it basically requires from you is just the folder where your MP3s are.

- Download, install, and launch MP3 Diags on your computer.
- Click on the gear icon at the top menu bar and it'll let you add your MP3 folders.



- Select the folder where your files are saved.
- It'll scan and fix your broken MP3 files for you.



It'll save the resulting file separately from the original file with **_repaired** as the suffix in the file name

Article courtesy of: <https://helpdeskgeek.com/how-to/find-and-fix-damaged-mp3-files/>