



EZ Vinyl & Tape Converter

Quickstart Guide



Introduction

Welcome to EZ Vinyl & Tape Converter—the easiest way to transfer your recordings to your iPad™, iPhone™, or iPod touch™! This app lets you to create digital versions of your recordings right on your iOS device. From there, you can then transfer them to your iTunes® library or any other media player.

We designed the EZ Vinyl & Tape Converter app to be as simple, easy, and streamlined as possible. But if you're having trouble or want to learn more about its features, refer to this manual.

We hope that you enjoy using this app as much as we enjoyed designing it for you!

The ION Team

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Download the App

IMPORTANT: *We recommend always using the most current iOS on your device. This app works with iOS 5 and higher.*

Follow the steps below to download the app on your iOS device.

1. Open the **App Store** on your device.
2. Search for **EZ Vinyl & Tape Converter**.
3. Download it!

You can also download the app on your computer, but remember to connect and sync your iOS device to transfer the app.



Get Started: Recording

Step 1

IMPORTANT: Always make sure you connect your iOS device to your sound source *before* opening the EZ Vinyl & Tape Converter app!

1. Connect your iOS device to your sound source.
2. Open the app.
3. When the Home screen appears, tap **RECORD** to start the recording process.
4. Tap **NEXT**.

Note: Whenever you see the **BACK** button at the top of the screen, you can tap it to return to the previous step.

Step 2

Tap the appropriate button for the kind of device you are using: **TURNTABLE** or **TAPE PLAYER**.

- **Turntables:** Make sure the signal from your turntable is line-level, not phono-level.
- **Tape players:** Tap **NORMAL** or **CHROME** to select the kind of tape you are using. (Normal tapes are the most common, including store-bought tapes and home recording tapes.)

For other line-level devices (CD players, MP3 players, etc.), tap **TURNTABLE**.

Step 3

Check your levels before you begin recording.

To do this, locate the loudest part of the music you would like to record, and play it (usually, this is somewhere in the middle of a song or later). As your music is playing, watch the volume level meter on the right side of the screen.

To ensure the best possible sound quality, we recommend using ION's Vinyl Alive cleaning kit to clean your records before recording. Visit www.ionaudio.com/vinylalive to purchase it.

Adjust your levels properly:

- The loudest part of the song should barely reach the red part of the meter.
- If the meter "peaks" frequently in the red area, reduce your volume.
- If the meter never reaches the yellow area, increase your volume.

Adjust the volume of your recording:

- If your sound source is a device with its own gain knob or volume knob, adjust it so it is about 50-80% of the way to its highest setting—or higher, if needed.
- Adjust the volume slider in the app (next to the volume level meter).



Additional features:

- **Automatically split recording into tracks:** Set this switch to **ON** if you want the software to split tracks automatically when it detects an extended period of silence in the music. If you want to split the tracks manually, set the switch to **OFF**.

***Note:** For best results, make sure your volume levels are adjusted properly, as described above. Furthermore, this feature works well for typical popular music but may produce varied results when used with other genres like classical music, spoken word, etc. If your volume level is too low, or if there are frequent and extended silences within a track, the app may have trouble detecting the difference between sound and silence.*

- **Monitor incoming audio through headphones:** Set this switch to **ON** if you want to hear your music as it's recording into the app. To do this, you will need to connect headphones to your iOS device. If you do not need to hear your music as it's recording, set this switch to **OFF**.

***Note:** Don't use headphones with a built-in microphone, like headphones used for phone conversations or the headphones typically included with an iOS device or other Apple products. Doing so will prevent your iOS device from recording your intended sound source (from your ION product).*

When you're ready to start recording, tap the large **RECORD** button and immediately play your music (press "play," place the needle over the record, etc.).



Step 4

As your music records, the volume level meter will light up, and the time on the **Recording Time** clock will elapse. The **Recording Track** number indicates how many tracks have been recorded so far in this session.

If you turned the **Automatically split recording into tracks** feature **OFF** (i.e., you wanted to split the tracks manually), tap **NEW TRACK** after each track is finished.

When you're finished recording, tap **DONE**. When asked if you want to record more music, tap **YES** or **NO**, or tap **LISTEN** to listen to your music in the app's built-in music player.

Step 5

Enter the information ("tags") for your tracks by tapping the fields next to **Song Name**, **Artist**, and **Album** and using the virtual keyboard to enter the names of each. If you recorded multiple tracks, tap **PREV SONG** or **NEXT SONG** to move through the list of tracks.

When you're finished entering track information, tap **DONE**.

When you're asked if you want to record more music, tap **YES** or **NO**, or tap **LISTEN** to listen to your music in the app's built-in music player.

Listen to Your Music

The app's music player allows you to preview and listen to the music recorded within the app.

Before listening through the music player, disconnect your iOS device from your sound source. You'll then be able to hear the music from your iOS device's speaker or through headphones connected to it.

- To play/pause the currently selected track, tap the ►/|| (Play/Pause) button.
- To skip to the previous/next track, tap the ◀/▶ (Previous/Next) buttons.
- To adjust the volume level, slide the volume slider to the left or right.



Tap this "repeat" icon to toggle through the different Repeat settings. When the icon is highlighted, the entire list of songs will repeat. When there is a "1" over the icon, only the currently playing song will repeat.



Tap this "shuffle" icon to activate/deactivate Shuffle, which will play songs from the list in a random order.

There are a few ways to delete tracks from the app:

- You can tap the trash can icon. Red minus symbols will then appear next to each track. Tap the minus symbol next to any track you want to delete.
- You can swipe your finger sideways over the track, and tap **DELETE** to delete it. If you don't want to delete the track, tap anywhere outside the **DELETE** button.
- You can also delete tracks when viewing them in iTunes. See **TRANSFER YOUR FILES** for more information.

The **SHARE WI-FI** and **SHARE iTunes** buttons allow you to transfer your tracks to another computer. See **Transfer Your Files** for more information.



Transfer Your Music Files

You can transfer your recorded tracks' files to a computer in one of two ways: over a Wi-Fi network or through iTunes.

Wi-Fi

1. Connect your iOS device to a Wi-Fi network.
2. In the app, tap **SHARE WI-FI**, and note the web address in red text (a series of numbers).
3. On another computer connected to the same Wi-Fi network, open your web browser, and go to that web address.
4. The page that appears contains a list of your recorded tracks, each as a link. Download each track by right-clicking it (Windows) or holding **Ctrl** and clicking it (Mac) and selecting **Save Link As...**
5. When you have downloaded all the files you want, click and drag them from wherever you saved them into your media player (e.g., iTunes, Windows Media Player, etc.).

Note: *After downloading your files, we recommend deleting any files you no longer need from the app to make space on your iOS device.*

iTunes

1. On your computer, open iTunes.
2. Connect your iOS device to your computer.
3. In iTunes on your computer, select your iOS device in the left-hand column.
4. At the top of the iTunes window, click the **Apps** tab.
5. Scroll down to the **File Sharing** section of the page.
6. In the **Apps** section, click **EZ Vinyl & Tape Converter**. A list of all your recorded tracks that are stored in the app will appear in the **Documents** list on the right.
7. Select the tracks you want to move to your computer. Click and drag your tracks from the **Documents** list onto your computer's Desktop, another folder, etc. Alternatively, you can click **Save to...** and select a location to save them.
***Note:** After downloading your files, we recommend deleting any files you no longer need from the app to make space on your iOS device.*
8. When you have downloaded all the files you want, click and drag them from wherever you saved them into your media player (e.g., iTunes, Windows Media Player, etc.).

Troubleshooting

Problem	Cause	Solution
I don't hear any audio when I'm recording and I don't see the volume meter moving.	iOS device or ION product is not powered on.	Make sure your iOS device and ION product are both powered on.
	iOS device not connected your ION product.	Make sure your iOS device is securely connected to your ION product. Also, try "power cycling" (turning off then on) your iOS device and ION product, or try disconnecting then reconnecting the device.
	Cable connected to iOS device is broken.	Try using a different cable, if possible.
The music is playing and I see the volume meters moving, but I can't hear any audio.	Headphone monitoring has not been enabled.	<p>In Step 3, set the Monitor incoming audio through headphones switch to ON, and connect headphones to your iOS device.</p> <p>Don't use headphones with a built-in microphone, like headphones used for phone conversations or the headphones typically included with an iOS device or other Apple products. Doing so will prevent your iOS device from recording your intended sound source (from your ION product).</p>
	The volume level is too low.	<p>If your ION product has its own gain knob or volume knob, adjust it so it is about 50-80% of the way to its highest setting.</p> <p>If your ION product is an interface, adjust the volume level of your sound source that's connected to it.</p> <p>Adjust the volume slider in the app (next to the volume level meter).</p> <p>Note: The loudest part of the song should reach the orange part of the meter.</p>

Problem	Cause	Solution
I enabled headphone monitoring, but I hear only sounds from the room or no sound at all.	Your headphones may have a built-in microphone.	Don't use headphones with a built-in microphone, like headphones used for phone conversations or the headphones typically included with an iOS device or other Apple products. Doing so will prevent your iOS device from recording your intended sound source (from your ION product).
I'm experiencing poor sound quality.	Turntables: Cartridge connection is not secure.	Make sure the cartridge is securely connected to the tonearm.
	Turntables: Vinyl record is dirty or scratched.	Dust off and gently wipe the surface of the record before playing it. To ensure the best possible sound quality, we recommend using ION's Vinyl Alive cleaning kit to clean your records before recording. Visit www.ionaudio.com/vinylalive to purchase it.
	Turntables: Stylus may be worn.	If your stylus is over a year old or has been used extensively, it may be broken or worn. Contact the ION Audio parts department to purchase another stylus.
	Tape players: Tape heads may be dirty or magnetized.	Use a standard tape cleaning or demagnetizing kit to clean or demagnetize the tape heads.
I can't hear anything when I play music in the app's built-in music player.	The volume slider is too low.	Increase the volume by sliding the volume slider to a higher setting, or use your iOS device's hardware volume up/down buttons.
	The dock on your iOS device is still connected to something (computer, sound source, etc.)	Disconnect anything connected to your iOS device's dock then close and re-open the app.

Problem	Cause	Solution
The recording sounds loud and distorted.	The volume level is too high.	Record again at a higher volume:
The recording is too quiet.	The volume level is too low.	<ul style="list-style-type: none"> • If your sound source has its own gain knob or volume knob, adjust it so it is about 50-80% of the way to its highest setting—or higher, if needed. • Adjust the volume slider in the app (next to the volume level meter). <p>Note: The loudest part of the song should reach the orange part of the meter.</p>
I can't hear my recordings once I've transferred them and try to play them on my computer.	Your computer's audio output (playback device) is not set correctly.	<p>Make sure that your computer's soundcard is selected as your playback device.</p> <p>Windows XP: Click Start Menu ► Control Panel (or Settings ► Control Panel in Classic View) ► Sound and Audio Devices. Click the Audio tab and under Sound playback, select your computer's soundcard as the default device.</p> <p>Windows Vista: Click Start Menu ► Control Panel (or Settings ► Control Panel in Classic View) ► Hardware and Sound ► Sound. Click the Playback tab and select your computer's soundcard as the default device.</p> <p>Windows 7: Click Start Menu ► Control Panel ► Sound. Click the Playback tab and select your computer's soundcard as the default device.</p> <p>Mac: Click the upper-left "apple" icon then click System Preferences ► Sound. Click the Output tab. From the menu, select Internal Speakers if you are using the computer's internal speakers, select Line Output if you are using speakers, or select Headphones if you are using headphones attached to the 1/8" output.</p>

Problem	Cause	Solution
The app crashed.	The app requires free storage space (we recommend 1 GB or more) on your iOS device to store your recordings.	View the available space on your iOS device, by opening the Settings app, selecting General on the left side of the screen, and viewing the number next to Available on the right side of the screen. If the amount of space is less than 1 GB, delete some files or apps from your device and try again. We recommend backing up your files and apps first.



FAQs (Frequently Asked Questions)

What digital format are my tracks converted to?

The tracks are converted to MP4 files at 128 kbps.

What devices are compatible with the app?

This app was designed to work with the following devices:

- iPad (3rd generation)
- iPad 2
- iPad
- iPhone 4S
- iPhone 4
- iPod touch (4th generation)

Where are my tracks stored on my iOS device?

Your recorded tracks are stored within the app as "documents." To access them, connect your iOS device to your computer, click the **Apps** tab in iTunes, scroll down to the **File Sharing** section, and click the app name in the **Apps** list. The tracks will appear in the **Documents** list on the right.

Can I listen to the music while it's recording?

Yes. In Step 3, set the **Monitor incoming audio through headphones** switch to **ON**, and connect headphones to your iOS device. Just don't use headphones with a built-in microphone, like headphones used for phone conversations or the headphones typically included with an iOS device or other Apple products. Doing so will prevent your iOS device from recording your intended sound source (from your ION product).

The app crashed. Is there anything I can do to prevent this?

EZ Vinyl & Tape Converter requires free storage space on the iOS device to store your recordings.

We strongly recommend having at least 1 GB (preferably more) of free storage space available on your iOS device.

To view the available space on your iOS device, follow these steps:

1. Open the **Settings** app.
2. On the left side of the screen that opens, select **General**.
3. On the right side of the screen, the storage space on your iOS device will be next to **Available**.

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