



birdJam Maker Installation Instructions

Congratulations on choosing birdJam Maker to enhance your learning and identification of birds in North America. Millions of people are using the elegantly simple Apple iPod® every day. Follow these directions, and you'll soon turn your iPod into a birdJam iPod!

We are committed to creating a positive customer experience, and have worked hard to create straightforward and easy-to-follow instructions. If this is a new iPod and you are a first-time user, we recommend that you first read the instructions from Apple and familiarize yourself with the general use and operation of an iPod. Your iPod User's Guide is included in the iPod box.

You'll quickly get the hang of it, and you'll soon be having as much fun as the legions of other iPod users. That being said, we know that there are a variety of learning styles and levels of experience. If you have questions or comments, please contact us at support@birdjam.com.

Getting Started

Required birdJam Ingredients

- An Apple iPod, any model with the exception of the Apple Shuffle
- An Internet connection is desirable, either active (such as DSL) or dial up (via a modem)*
- iTunes (Apple's music management application) installed on your computer
- One or more bird song collection supported by birdJam Maker. Examples:**
 - Stokes Field Guide(s) to Bird Songs, Eastern and/or Western Regions
 - Geoffrey A. Keller and the Cornell Laboratory of Ornithology's Bird Songs of Southeastern Arizona and Sonora, Mexico.
- birdJam Maker software

*Instructions for those without an Internet connection follow at the end of this document.

**Check the birdJam web site frequently for additional supported collections.

Four Steps to Creating Your birdJam iPod

- a. Install iTunes on your computer
- b. Load your bird song CDs into iTunes
- c. Install and run the birdJam Maker software on your computer
- d. Load the birdJam-ified bird songs from your computer to your iPod (*Sync* your iPod)

Note: You must have at least Windows 2000 or Macintosh OS X 10.3 installed on your computer. We recommend that you install all updates and security patches

Step A: Install iTunes on your computer

1. If you do not currently have iTunes installed on your computer, go to www.itunes.com, select *Download Now*, and when prompted, select the *Save* option. Follow any additional prompts that may appear on your screen to complete the installation.
2. If you already have iTunes installed on your computer, you need at least Version 8.0 of iTunes. To check your iTunes version, select *About iTunes* from the menu in iTunes.
Windows: *Help* menu
Mac: *iTunes* menu.

If you do not have at least Version 8.0, go to www.itunes.com and download and install the latest version of iTunes.

Set iTunes Preferences

3. Once you have installed iTunes, you will need to set two iTunes Preferences to make it simpler to run birdJam Maker. You do this by opening *Preferences* in iTunes:
Windows: *Edit: Preferences*
Mac: *iTunes: Preferences*
 - a. Select *General*, then next to *When you insert a CD*, select *Show CD*. (Note: If you are familiar with this option and know that your Internet connection is working, you can skip this step.)

Also: Please note that for the *Import Using* option, be sure to select AAC Encoder (the default) or MP3 Encoder. WAV Encoder will NOT work since the WAV format does not support some of the additional data elements needed by birdJam Maker.

- b. Under *Advanced*, **uncheck** *Keep iTunes Music folder organized*. (Note: You can recheck this after we are done if you like. Expert users may leave this checked if you prefer.)
4. Press OK to close the iTunes *Preferences* window. This is important because birdJam Maker will not work properly if the *Preferences* window is left open.
5. Next, just for fun, we want to show album artwork so that we can see bird photos as birdJam Maker works. To display album artwork, press the small triangle-within-a-rectangle button near the bottom left corner of the iTunes window. (Again, this is optional, especially if you do not plan to install bird photos.)

Step B: Load Bird Song CDs into iTunes on your computer

6. Insert the first CD in a supported bird song collection (for example, Stokes) into your computer. You may have to wait a minute or so while iTunes queries the Internet for information about the CD. These directions assume you have an active Internet connection. *Instructions for Those Without an Internet Connection* follow; please skip there now if you don't have an Internet connection.
7. In the left column in iTunes, under *DEVICES*, you will see a CD icon, and a bird song CD name such as "Stokes Field Guide to Bird Songs" or "Thrushes and Mimics", or alternatively the generic name "Audio CD". If you see a specific CD set name, then **select it** and go to step 8 below.

If you see "**Audio CD**," then iTunes was not able to find the needed CD information. Please skip directly to *Instructions for Those Without an Internet Connection* below. Follow these instructions even if you do have an Internet connection but "Audio CD" appeared in the left column as described above. This means iTunes didn't gather required CD information because there was some Internet access issue—perhaps relating to your computer's security settings.

8. In the bottom right corner of the iTunes window, an *Import CD* button should appear. Press this *Import CD* button. If you have an older computer or already have lots of music in iTunes, importing the CD may take a while; please be patient.
9. After the CD is imported, your computer may automatically eject the CD or you may have to do so manually. One way to manually eject the CD is to click the small circle icon to the right of the CD icon in the left column in iTunes.
10. Repeat Steps 6 to 9 for each of the bird song collection CDs (Stokes, SE Arizona, etc.).

Step C: Install birdJam Maker Software on your computer

11. Insert the birdJam Maker CD into your computer. After a moment, a window will appear on your computer screen.

Windows Vista: Double click the Windows folder, then double click the birdjam folder inside the Windows folder, then double-click *birdJamMakerSetup (.msi)* and follow the instructions. We recommend that you install birdJam Maker into *C:\Program Files\birdJam Maker* which is the option that is normally presented to you.

Windows XP, Windows ME or Windows 2000: Double click the Windows folder, then double click the *Setup* icon and follow the instructions. We recommend that you install birdJam Maker into *C:\Program Files\birdJam Maker* which is the option that is normally presented to you.

Mac: Double click the Macintosh folder, then double-click the birdJamMaker *Installer.xxx.dmg* file. This opens a new Finder window. Drag the birdJam Maker folder from this new window to your *Applications* folder.

12. Now that birdJam Maker is installed, you need to start birdJam Maker.

Windows: You'll find birdJam Maker in the Start Menu in *Your Programs*; Select birdJam Maker.

Mac: In the Finder, select *Applications*, then double-click the birdJam Maker folder. Inside the birdJam Maker folder, double-click *birdJamMaker*.
13. Once birdJam Maker is started, you must first enter the serial number of your birdJam Maker software as well as any serial numbers for additional bird song modules.

The main birdJam Maker serial number enables the Stokes Eastern and Western bird song modules.

If you have a birdJam Maker CD, look for the main birdJam Maker serial number in the CD tray of the CD case or on the back of the CD jewel case.

If you downloaded birdJam Maker from the Internet, the serial number should have been provided to you as a separate downloadable file after your purchase was completed. Contact us at support@birdjam.com if you can't find your serial number.

If you bought other bird song collections from birdJam, then the associated module serial number will be on a sticker on the back of the bird song collection CD jewel case or on a certificate provided with your order.

Once you locate your serial number(s), select *Serial Numbers* from the File Menu in birdJam Maker. The birdJam Serial Number, which enables the Stokes bird song collections, is at the top of the page. Enter your serial number(s) exactly as you see them, including upper or lower case letters.

Enter additional module serial numbers by selecting the module in the bottom section of the Serial Numbers page.

Click *Done* to complete this step.

If you entered serial numbers correctly, the installed module names will now be displayed next to *Modules* on the main birdJam Maker screen. If you still see *****NEED SERIAL NUMBER*****, then you did not enter the serial number(s) correctly.

14. Next you have two options to select on the birdJam Maker screen. These options will determine what is displayed on your iPod screen when you select a specific bird, as well as how your list of birds will be saved on your iPod for easiest co-existence with your music.

iPod Line #1: Will always display the common name (Last, First) of a bird. For example: Cardinal, Northern.

iPod Line #2 (Artist): You may choose among the following options. Suggested options are bolded:

Display:

- **Scientific name** (suggested)

- French Name
- Spanish Name
- Song Description (long)
- Song Description (short): A shorter version of the long song description. Useful for smaller iPods.
- Do Not Update: Leaves the artist name untouched in iTunes.

Prefix: (Only needs to be set if you plan to put music on your iPod.)

- **None** will intermingle bird song tracks alphabetically with artist names when you browse by artist name on your iPod.
- **aa** will list all bird song tracks before the list of artist names when you browse by artist name on your iPod.
- **zz** will list the bird song tracks after all artist names when you browse by artist name on your iPod.

iPod Line #3 (Album): You may choose among the following options:

Display:

- Song Description (long)
- Scientific name
- French Name
- Spanish Name
- Song Description (short): A shorter version of the long song description. Useful for smaller iPods.
- **Common Name (First Last):** (suggested) The bird's common name, for example: Northern Cardinal.
- Do Not Update: Leaves the album name untouched in iTunes.

Prefix: (Only needs to be set if you plan to put music on your iPod.)

- **None** will intermingle bird song tracks alphabetically with album names when you browse by album name on your iPod.
- **aa** will list bird song tracks first before the list of album names when you browse by album name on your iPod.
- **zz** will list the bird song tracks after all album names when you browse by album name on your iPod.

15. If you want to see bird photos on your iPod, select *Load photographs* to load bird photos into iTunes. Note that after photographs are loaded once, you do not need to load them again if you choose to run the *Update Track Info* step again later. In fact, photograph loading slows down the *Update Track Info* step significantly.

16. Now, for the next step, be sure that iTunes is running and then return to birdJam Maker,

leaving iTunes open. Drag the birdJam Maker screen over a bit so that you can see the entire album artwork box in the lower left corner of iTunes (iTunes should now be behind birdJam Maker), and then push the button *Update Track Info* which is located directly below the display options discussed in Step 15 above. This step updates the bird song tracks in iTunes so they are more effectively used with your iPod.

17. At this point you have the option of installing additional playlists from the birdJam web site. To do this, select *Download Optional Playlists* from the birdJam Maker File menu. Select the additional (optional) playlists you would like to install and then press *Download Playlists*.
18. Once you have downloaded optional playlists (if any), you can also select which playlists will be installed into iTunes and ultimately to your iPod. To do this, select *Manage Installed Playlists* from the birdJam Maker File menu and then check the playlists that you would like to install.
19. Next, push the button *Install Playlists* to install the birdJam Maker playlists.

Step D: Load the bird songs from your computer to your iPod

To view options for loading bird songs (and other content) to your iPod, open iTunes, then connect your iPod to your computer using the USB cable provided with your iPod. An iPod *Summary* page should appear in iTunes.

(If necessary, select your iPod under *DEVICES* in iTunes' left column in order to display the iPod *Summary* page.)

First, note the tabs at the top of the screen that indicate various sections of options you can set for your iPod. You should at first be on the *Summary* tab. We will be working with the Music tab in a moment.

[Update Note: If, under *Version* on the *Summary* tab, iTunes indicates that your iPod needs to be updated, press *Update* to update your iPod to the latest iPod software version. **DO NOT PRESS RESTORE!** (This will erase the contents of your birdJam/iPod! ...but don't panic if you've already done this, since you can recreate your birdJam by following these instructions.)

Next, select the Music tab to see options for how bird songs (and human music) can be synced to your iPod.

You'll see 1-3 checkboxes, depending on your iPod model. The options you select will depend upon a variety of factors including:

- a. The size of your music Library already in iTunes
- b. The music you wish to download from iTunes to your iPod along with your bird songs
- c. The storage capacity of your iPod

Note that you may wish to consult your Apple iPod User's Guide (included in your iPod box) for additional information.

Sync Option 1. Sync music: All songs and playlists. This is by far the easiest choice for loading bird songs (and other music) to your iPod. You may choose this option if the size of your iTunes Library (music, bird songs, movies, TV shows, photos, etc.) is such that there is sufficient storage capacity on your iPod to hold all of the content types you choose to sync to your iPod.

For example, if you have a 4 GB Nano iPod, you choose to sync only your music, and you have a 2 GB iTunes Music Library, then you may wish to choose this option. Note: the size of various portions of your iTunes Library is displayed in the gray bar across the bottom of the iTunes main screen when you select a portion of your iTunes Library (for example, when you select *Music* under *LIBRARY*).

If you select this option, you'll need to uncheck the *manually manage music [and videos]* checkbox on the *Summary* page.

Sync Option 2. Sync music: Selected playlists. Observe under this option that you are presented with a list of all your music playlists. You may choose to manually select which playlists to download if your iTunes Library exceeds the capacity of your iPod.

For example, if you have a 4 GB Nano iPod and a 10 GB iTunes Music Library with thousands of songs (human and bird!), this may be an excellent option since it allows you to manage which playlists are loaded to the available iPod storage space.

As with the first syncing option, if you select this option, you'll need to uncheck the *manually manage music [and videos]* checkbox on the *Summary* page.

Of the other options that may appear on this page, **Display album artwork on your iPod** is the most important. This should be checked as this is how bird photos get transferred to your

iPod! (Note: This option does not appear for the iPhone and the iPod Touch—you'll get bird photos whether you want them or not—that is, if you loaded them in the first place!)

One more thing: In case you haven't noticed, the **Manually manage music [and videos]** option on the *Summary* page is important. ("videos" is in brackets because it only appears if you have an iPod that supports video.)

If you purchased a birdJam pre-loaded with bird songs from Mighty Pods, we have preset your system to this option to reduce the risk that you accidentally remove the bird songs the first time you connect your iPod to your computer.

iPod Loading Summary

Okay, we admit the prior section may sound a bit confusing and somewhat ambiguous, but hang in there. Once you start to use iTunes and get a feel for your music, bird songs and other content that you want to place on your iPod, it will become second nature. And, if you should inadvertently remove music or bird songs from your iPod, it is a simple matter to sync up again with iTunes—using one of the options just described—to restore your music/bird songs to your iPod in order to recreate your birdJam.

Now you're ready to plug in your ear buds or speakers, run your finger around that sexy circle (or flip through pages on an iPhone/iPod Touch), and select the bird you want to hear—all in less than 15 seconds!

And, yes, it is easy to build new playlists in iTunes and load them to your iPod. For example, if you're going to a certain location and want to study birds that you're likely to encounter there, simply drag-and-drop the bird names into a new playlist and download it the next time you sync your iPod with iTunes.

Happy Birding!

Instructions for Those Without an Internet Connection

If you do not have Internet access or iTunes was not able to find the bird song CD information on the Internet, you will need to manually enter some information into iTunes before each CD is loaded to your iTunes Library. If you don't enter this information, birdJam Maker will not be able to find the tracks and update the bird song information appropriately.

Please note that the following instructions apply only to the Stokes Eastern and Western CDs. If

you are having trouble with another bird song collection that birdJam supports, please contact us at support@birdjam.com.

To add the minimum information manually for the **Stokes Eastern and Western CDs**:

1. Insert the first Stokes CD into your computer. Select the CD in the left column in iTunes by clicking on its name (Audio CD) under *DEVICES*.
2. In the right pane of iTunes, you should now see a list of CD tracks with names such as "Track 01" or "Track 88." Select all of the tracks in the right pane. To do this, select any one track, then press Ctl-A (Windows) or Command-A (Mac).
3. Open the *Get Info* window. To do this, press Ctl-i (Windows) or Command-i (Mac). Then click the *Info* button or tab at the top. In the window that is displayed, you can edit the track information for all the selected tracks at the same time.
4. Input "Stokes" for the Artist.
5. For Stokes East, input "1 of 3" for Disc Number. For Stokes West, input "1 of 4" for Disc Number. Use the specific disc number for each disc, for example, "2 of 3" and "3 of 3". Stokes West has four discs.
6. Press *OK*.
7. In the left column in iTunes, under *DEVICES*, click on "Audio CD" to select the CD again.
8. In the bottom right corner of the iTunes window, an *Import CD* button should appear. Press this *Import CD* button.
9. Wait while the CD is added to your iTunes Library. When iTunes finishes, eject the CD. One way to do this is to press the small circle icon to the right of the CD icon in the left iTunes column (under *DEVICES*).
10. Repeat steps 1 through 9 for each of the Stokes CDs.
11. Return to the section entitled *Step C: Install birdJam Maker Software on your computer* in the document above and follow the instructions from there.