

Keystone MacCentral April 16th Meeting

Please see your membership email for the links to this month's Zoom meeting or email us at KeystoneMacCentral@mac.com.

During our program this month we plan to discuss

- Apple's AntiTrust Suit
- Apple Watch



We have virtual meetings via Zoom on the third Tuesday of each month

Emails will be sent out prior to each meeting. Follow the directions/invitation each month on our email — that is, just click on the link to join our meeting.

Contents

Keystone MacCentral April Meeting	1
Apple Launches Documentation Site. for Manuals, Specs, and Downloads By Adam Engst	3 - 5
Apple Music Classical (Mostly) Plays the Right Chords By Kirk Mcelhearn	- 15

Keystone MacCentral is a not-for-profit group of Macintosh enthusiasts who generally meet the third Tuesday of every month to exchange information, participate in question-and-answer sessions, view product demonstrations, and obtain resource materials that will help them get the most out of their computer systems. Meetings are free and open to the public. **The Keystone MacCentral printout** is the official newsletter of Keystone MacCentral and an independent publication not affiliated or otherwise associated with or sponsored or sanctioned by any for-profit organization, including Apple Inc. Copyright © 2024, Keystone MacCentral, 310 Somerset Drive, Shiresmanstown, PA 17011.

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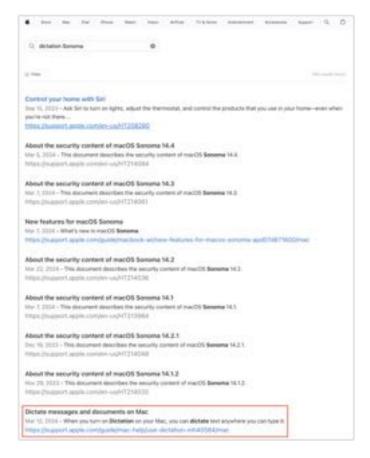


Apple Launches Documentation Site for Manuals, Specs, and Downloads

Over the past five years or so, Apple's user-facing documentation has drastically improved. I don't know exactly why that is, but I'd attribute it partly to the demise of Macworld magazine (see "Macworld Lays Off Staffers, Closes Print Edition," 10 September 2014). Within a few years, some former Macworld writers and editors had landed jobs with Apple, an experience one friend described as "surreal" after covering the company for two decades. There they joined a few other well-known industry figures who had made their way onto Apple's documentation team. Since then, I've noticed a distinct upward trend in the utility, clarity, and comprehensiveness of Apple's documentation. (And when I send corrections to one of my friends, they get fixed. Duty calls!)

Search, but Ye May Not Find

What hasn't improved over that time is the search engine on Apple's website, which is shockingly bad for 2024. For instance, imagine you want to learn more about dictation in macOS 14 Sonoma. If you search on "dictation Sonoma" on Apple's support site, you're presented with an article about controlling your home with Siri, release notes for two Sonoma security updates, a piece on new features in Sonoma, four more Sonoma security update release notes, and finally the desired "Dictate messages and documents on Mac" article. Worse, none of the articles above the desired one in the search results even include the word "dictation." Come on, Apple!



Even when Apple's support search engine works, it mixes support articles, documentation, and discussions from the Apple Communities forums. You can filter the results to include just one of those categories at a time, but how many users will know the difference between support articles and documentation?

Thankfully, Google, Brave Search, and Bing all do a better job. At least a dozen times per week, I search Apple's support documentation by adding "Apple support" to my search terms. The desired article comes up at the top in all the search engines I asked to find "dictation Sonoma Apple support."

In short, always search for information on Apple's websites using an independent search engine. Using Apple's is a waste of time. I hope everyone inside Apple realizes this, too, and it's just one of

those things that hasn't gotten sufficient attention yet.

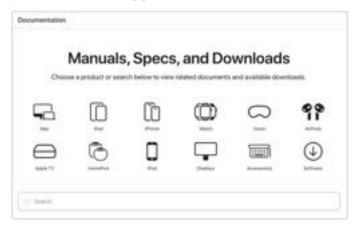
Browse to Avoid Befuddlement

Apple's search capabilities may be terrible, but the company has just created an alternative approach to making its extensive documentation more readily available to users. The new <u>Documentation</u> site offers a browsable directory of information organized by product.

In classic Apple fashion, its name is hard to pin down. The top-level label is "Documentation," but the heading on the main page is "Manuals, Specs, and Downloads," and the titles of the HTML pages all say "Manuals and Downloads," even when they contain only a specs link. I'll stick with Documentation, in part because the URL is https://support.apple.com/docs.

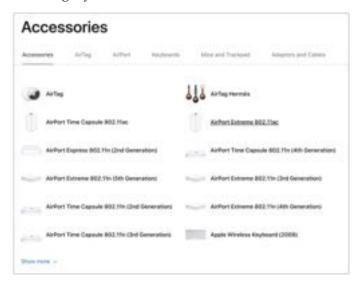
The Documentation site is available in multiple languages—I confirmed French, German, Italian, and Spanish—and in English for at least the US, Australia, Canada, and the UK. I don't know exactly what's different on each, but even the top-level items change sometimes, likely to reflect the Vision Pro not being available everywhere yet.

Whatever you do, don't use the search field, or you'll be back in Apple search result hell.



Click a category's icon to navigate to a page that chronologically lists up to 12 current and recent products, sometimes with a Show More link to reveal the remaining items in that category. Some large categories, like Accessories, offer subcategories across the top, so you can drill into

AirTag, AirPort, Keyboards, Mice and Trackpad, and Adaptors and Cables separately. That's particularly helpful because the top-level collection of accessory pages seems weirdly organized until you realize it's chronological within each subcategory.



For hardware products, Apple usually provides online versions of whatever minimal documentation shipped in the box, plus a guide to the hardware (MacBook Air Essentials) and the complete operating system user guide (macOS User Guide). Repair manuals are also included when available. Every hardware product also has a link for tech specs.



Software is more frustrating. The Mac category has a subcategory for macOS, but for each version of macOS, Apple only reliably includes a link to the macOS User Guide. Once you work back to macOS 10.15 Catalina, the page also includes links to all updates. The more recent macOS 11 Big Sur and

later lack such update links, but realistically, they're not helpful—it's hard to imagine nearly anyone wanting to update an old version of macOS to a particular interim version.

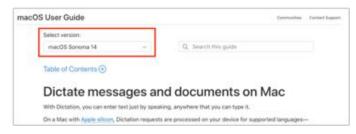
What if you want an installer for an old version of macOS? The Documentation pages won't help you there, even though a quick Web search on "install macOS Apple support" turns up the "How to download and install macOS" page with App Store or direct download links for all versions of macOS back to OS X 10.7 Lion. Why aren't these download links on the associated Documentation pages?

Even stranger is the Software category, with three subcategories that are sorted randomly. Consumer Software includes the now-defunct iLife apps: iDVD, iMovie, iPhoto, iTunes, and GarageBand. With a few of them, you'll find downloads for the actual app; others just include plug-ins or add-ons. Although some of the apps in Productivity Sofware (the iWork apps) and Professional Software (Logic, Final Cut Pro X, and so on) are still in active development, nearly everything here is old. The Keynote page links to current user guides for each of Apple's platforms, but the Pages and Numbers pages don't. It's a real mishmash, and I'd like to see Apple add more links for modern versions of its apps.



The big win for the Documentation site is making it easier to access Apple's rather good user guides. Navigation within them is generally self-explanatory, and the search fields that say "Search this guide" are actually useful because they limit their results to the guide in question. But there's

one important control I want to call out: the Select Version pop-up menu at the top of all internal pages.



That pop-up menu lets you travel back in time to previous versions of the page you're viewing. Exactly how far back depends on when the feature in question launched and when Apple started these user guides. Many pages go back to 2017 (macOS 10.13 High Sierra) or 2018 (iOS 12). The Mac Essentials guides sometimes change multiple times per macOS version to account for changes necessary to accommodate new models.



I realize my needs are unusual, but I often use the version menu to learn when a feature launched or how Apple has changed how it explains a feature. For most people, the main reason to know about the version menu is that you could end up on a version of the page other than the one you want.

Overall, Apple's new Documentation site is welcome, and I encourage everyone to bookmark it for future reference. Ironically, I had created an Arc folder of pinned tabs for all of Apple's user guides just before it appeared. I'll stick with that folder and add a top-level item to the Documentation site.

Apple Music Classical (Mostly) Plays the Right Chords

the mid-2000s, I was approached by a tech L entrepreneur who was a fan of classical music and had a foundation that supported many classical artists. He had contacted me because of articles I had written for Macworld about iTunes and classical music. At the time, my classical library already contained thousands of ripped CDs, and I was one of the few people writing about using iTunes with classical music. He was frustrated at the state of metadata available for classical music, provided by Gracenote, which iTunes used to populate metadata when you ripped CDs. (Metadata is the information about the CD and its tracks: the album name, artist, track names, etc.) He wanted to fund a free database of classical music so people could rip CDs and get the right metadata for tracks in their iTunes libraries and other apps.

This was a mammoth task. Among much else, it would have involved developing a list of canonical names for composers (do you use Johann Sebastian Bach, J. S. Bach, or Bach, Johann Sebastian?) and works (do you use Piano Sonata No. 14 in C-sharp minor or the more commonly used Moonlight Sonata for Beethoven's work?). Normalization would ensure that no composer or work would be split in the database and allow multiple language versions. However, since even record labels didn't agree on naming conventions, you couldn't just use what was on a CD but would have to adapt the listings to the database. One idea was to use the Grove Music Dictionary as a standard to determine canonical naming conventions. This database would make it possible to have consistency across recordings.

Unfortunately, after a year of exploratory work, a financial shock depleted the patron's foundation, causing the project to be abandoned. To this day, there is no standard database of recordings that can be used to ensure metadata integrity.

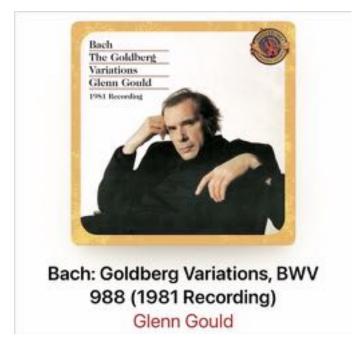
I tell this story because it shows how difficult it is to set up a service enabling users to catalog and search for classical music. But without such a catalog, classical music fans have been forced to put square metadata into CD-shaped holes, starting with the earliest days of iTunes.

The free Apple Classical Music app, released on 28 March 2023 for Apple Music subscribers, shows that Apple understands at least part of the problem. It's a huge step forward. While many aspects of the classical music experience still don't quite fit into those round holes, Apple Music Classical shows that Apple is trying and is committed to supporting classical music in the future.

How You Listen to Music

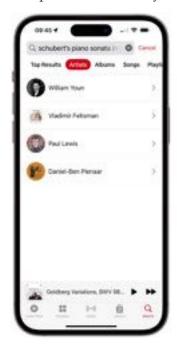
Think about how you choose music to listen to. The simplest example is the jukebox. You see a number of songs, together with the names of the artists who perform them. You insert a coin, pick a song, press the buttons, and listen. With LPs or CDs, you flip through a stack of records, find one you want to listen to, and start playing it. The three variables—song, artist, and album—are the main search criteria you use when looking for music to play.

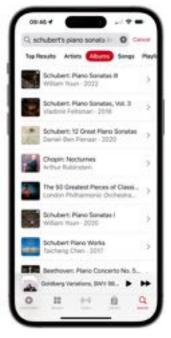
Classical music is much more complex. While you may look for a specific piece of music or a favorite album, you often look to play a *work*, which could be a piano sonata, an opera, a string quartet, or a symphony. You won't find any of them on the jukebox, and if you were to flip through a stack of records, their titles might or might not help you find what you want. For some album-length works, this isn't complicated. If you want to play Glenn Gould's recording of Bach's Goldberg Variations, that's easy to find. It takes up an entire album, and you will see a picture of Glenn Gould on the cover.



It's a bit more difficult to find Schubert's Piano Sonata in E-flat major D 568. At about 30 minutes long, it doesn't take up an entire CD, and most recordings of it contain one or two other piano sonatas. In addition, you may want to listen to an interpretation by a specific pianist among the dozens who have recorded this sonata. The Presto Music website shows 44 recordings, and it's not an exhaustive list. (I choose this specific work as an example because it is fairly widely recorded but not among Schubert's most popular sonatas.)

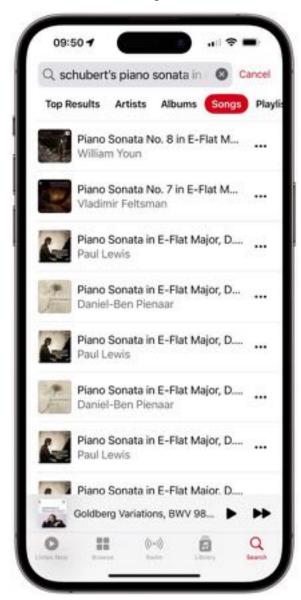
Compare that list to a search I did in the Apple Music app. As you can see (below left), it found only four artists. When I switched to album search results (below right), Apple Music showed me three albums before swerving to an Amazon-like list of recordings, many of which have nothing to do with Schubert's sonata, such as Nocturnes by Chopin and piano concertos by Beethoven and Mozart.





The search results for "songs"—which these tracks are not, but that's another problem with streaming music terminology—show the four movements of

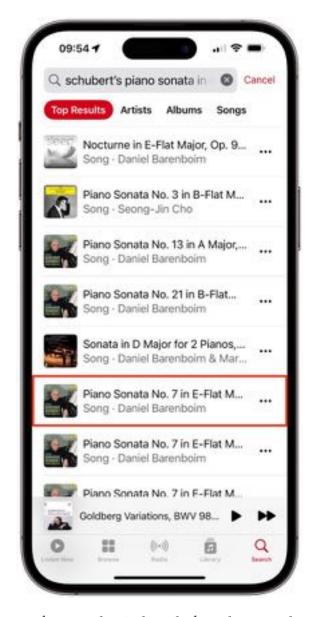
the work by a few pianists and, when I scroll down, drift off toward random piano works.



William Youn is a young pianist, just starting out on his career. Vladimir Feltsman is much older but not well known. Paul Lewis is a well-known interpreter of Schubert, and his recording is recent. Daniel-Ben Pienaar is less well-known, and his 2020 recording is on a small label. Where are the great recordings of this work by Mitsuko Uchida, András Schiff, or Alfred Brendel? Why do I not see the classic recording by Wilhelm Kempff, one of the first pianists to record most of Schubert's piano sonatas and an example of the Germanic tradition of romantic piano music? Where is Paul Badura-Skoda, who recorded all of Schubert's sonatas on original instruments, pianofortes from the 19th century? What about Daniel Barenboim, who recorded all of Schubert's piano sonatas in 2014 on a specially constructed piano?

No, Apple showed me just a few artists and a bunch of albums that did not contain the sonata I searched for.

What if I refined the search and tried to find the recent recording by Daniel Barenboim? I added Barenboim to my search, and here's what Apple showed me. His Schubert recording is the sixth in the list, after several recordings by other artists and composers. At the top of the list is a Chopin Nocturne played by Daniel Barenboim; Apple seems to want to push Chopin to Schubert fans.



Due to the way classical works have been cataloged over time, many of their names are unique, at least for the most famous composers. Schubert's compositions are cataloged according to the work of Otto Erich Deutsch, hence the D before work numbers. Bach's works have BWV numbers, for Bach-Werke-Verzeichnis, or Bach works catalog. For other composers, opus numbers are used, referring to a specific publication. So for Beethoven, we have Op. 26: Piano Sonata No. 12 in A b major, which is a single piano sonata, and Op. 27, which contains two piano sonatas, No. 1: Piano Sonata No. 13 in E b major, and No. 2: Piano Sonata No. 14 in C# minor, also known as the Moonlight Sonata.

The point of this somewhat lengthy preamble is to explain why searching for classical music is so much more complicated than searching for popular music. You may want to listen to a specific work by a given composer, but also by one of your favorite performers. And, as you can see with the example of the Schubert sonata, work names are not always as simple as Bach's Goldberg Variations. Metadata is the key to managing classical music.

Apple Music Classical Improves Metadata

When Apple added the Work and Movement tags to iTunes 12.5 back in 2016, the company showed the first signs that it might finally be interested in classical music. Those tags enable you to manage multi-movement works, tagging them together, and they are useful for search.

Apple's biggest task in preparing for the release of the Apple Music Classical app was to update the tags on potentially millions of tracks. (Apple claims that its library contains "over 5 million tracks.") Browsing through classical albums on Apple Music in recent years, it was clear that some labels provided excellent metadata with work and movement tags, and that the major labels had started using these tags in recent years, but that much catalog music—older recordings, which are often the cornerstones of a classical collection—were all over the map.

Updating this metadata undoubtedly involved a lot of grunt work, and it's probably why Apple failed to release the Apple Music Classical app by the end of 2022, as originally promised. Apple needed to identify which tracks were classical and ensure that they were tagged correctly and consistently despite the poor metadata often provided by record labels.

When you first launch the Apple Music Classical app, if you already have classical music in your Apple Music library, you'll find all that music in the Albums section of the Library tab. Or will you? Alas, Apple Music Classical, as its name implies, works only with music hosted in Apple Music, not CDs that you've ripped or downloads that you've purchased from sources other than Apple, even if they are labeled with the Classical genre.

In my Apple Music library on a secondary Mac, the Classical genre contains over 25,000 tracks across more than 1,200 albums. Many albums don't appear in Apple Music Classical because I had ripped them from CDs or purchased them separately. (My iMac holds my main library, which has some 30,000 tracks ripped from CD; I don't sync this library with Apple Music because I don't trust Apple not to alter its metadata.)

Most of the albums in my library that are on Apple Music show up in the Apple Music Classical app. A few are missing, and it's hard to know why. I've found a few albums that lack work and movement tags, so perhaps Apple is filtering out albums with insufficient metadata.

However, I also find albums by:

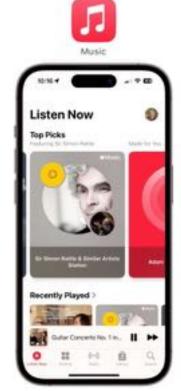
- Harold Budd, a pianist whose music could sound classical but is not
- Brian Eno, whose ambient music is certainly not classical, and whose song albums, such as Another Green World, are as rock as they can be
- Nils Frahm, a contemporary pianist whose work might, at a stretch, be called classical crossover
- Jazz ensemble Nik Bärtch's Ronin, which is, well, jazz
- Wim Mertens, another contemporary composer whose music could, at a stretch, be called classical but whose recordings are not generally found in the classical bins at record stores
- Robert Fripp, whose music is about as far from classical as could be
- And even Ornette Coleman, whose free jazz is definitely not classical.

I could go on. I suspect that Apple is trying to group together some music—Budd, Frahm, Mertens—that people who don't know classical music might think is classical, but I can't explain what Apple is doing for the other artists.

Introducing the Apple Music Classical App

Apple Music Classical is a free app for Apple Music subscribers to access this new, enhanced collection of music. Inexplicably, it is only available for the iPhone. One would expect Apple Music Classical to be available for desktop computers, especially since many people listen to classical music from a Mac, or a PC running iTunes, connected to a stereo. Since Apple Music has added a lot of high-resolution music, which requires an external DAC (digitalanalog converter) to play at its full quality, it is quite difficult to play that sort of music from an iPhone. You can stream music to an AirPlay 2compatible receiver with a DAC attached, but most people don't have that hardware. You can, of course, stream Apple Music Classical from an iPhone to a HomePod—the second generation of which also supports Dolby Atmos, or what Apple calls spatial audio—but overall, this focus on the iPhone limits playback options considerably.

The Apple Music Classical app (below right) is extremely similar to the Apple Music app (below left), with a clef on its icon instead of two beamed quavers and a nearly identical interface.





The toolbar icons on the bottom offer the following options:

- Listen Now is similar to the identically named feature on Apple Music. You see featured content, recently played albums, and various thematic sections. At launch, these include Periods and Genres, Exclusive Albums, New Releases, Now in Spatial Audio, The Story of Classical, and more.
- Browse gives you access to the entire Apple
 Music Classical library. You can browse the
 catalog by composers, periods, genres,
 conductors, and more; you can browse
 playlists; and you can search by instrument.
- Library shows all the music in your Apple Music Classical library. If you have already added classical music to your Apple Music library, it will display here. (Though some albums labeled as classical in my Apple Music library don't appear here.) Anything you add from the Apple Music service also displays here.
- Search lets you search for works, albums, composers, artists, and more.

For the most part, you use the Apple Music Classical app just as you would use the Apple Music app, though one tab is missing: Radio. For now, Apple Music Classical does not have any radio stations for classical music—even though Apple Music does contain several such stations—and does not allow you to create a custom "radio station" based on a track or album. Nor can you download music to listen offline, though when you add albums to your library, they also get added to your Apple Music library, so you can download them in the Apple Music app and listen to them there.

Who Is Apple Music Classical For?

Two types of people will want to use Apple Music Classical. Those who don't know much about classical music but want to explore it, and those who are already classical music fans and want to find their favorite artists and recordings and discover new ones.

If you fall into the former category and want to discover classical music, browsing the Listen Now section will help you discover different types of music. Apple has provided a number of playlists with spoken introductions in The Story of Classical, a nine-part selection of music. If you want to learn more about different classical periods (baroque, romantic, etc.), The Story of Classical will help.

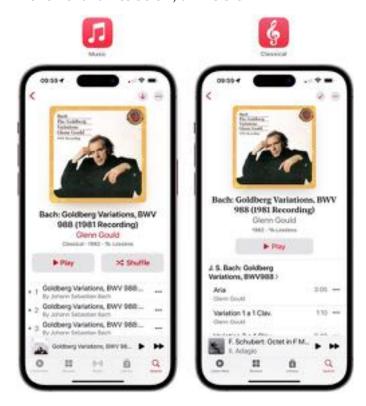
However, I've always felt that the belief that people need to be educated about classical music creates a barrier to listening and makes the music seem elitist. If you are new to classical music, I recommend listening to the music before the spoken-word content so you can feel the music before hearing the lectures. You would get a lot more from listening to a playlist of Bach's music than a dry, public-radio-style program telling about the history of how he composed and the technical aspects of his music.

You can explore Composer Essentials playlists to get a feel for the many well-known composers highlighted in Apple Music Classical. The problem is that they play individual movements rather than entire works, and, while they give you a sense of a composer's style, they mix up disparate works. Beethoven's symphonies are very different from his piano sonatas and string quartets, yet all these and more appear in the same playlist. You may like the big symphonic sound, or you may be more seduced by his virtuosic piano compositions or sinuous string quartets, but lumping it all together—in a 12-hour playlist!—doesn't seem like a good way to get to know Beethoven's music.

Many people think that classical music is just for relaxation. (They clearly haven't heard Mahler's symphonies or Wagner's operas.) Apple caters to this misconception with Music by Mood playlists, with titles such as Classical Sleep, Late Night Classical, Relaxing Classical, Classical Concentration, and Piano Chill. If this is your jam, feel free to explore such playlists, but I also encourage you to explore music by composers whose tunes resonate with you.

Searching for Classical Music

As I explained above, accurate metadata is the biggest hurdle to getting classical music streaming right. All of the albums I have looked at so far feature work and movement tags, which are essential not only for searching, but also for listening. Here are two screenshots: on the left is the Apple Music app, in which you can see that there's no way to discern the name of each track; on the right is the Apple Music Classical app, which displays the work name on the top, in bold, and the movement names below, all visible.



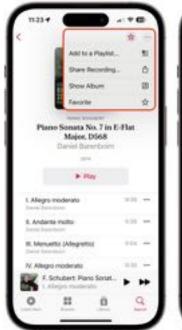
Continuing with my previous example, I searched Apple Music Classical for Schubert's Piano Sonata in E-flat major D 568. (When I searched for just "D 568," it displayed the same thing.) The results were much better than in Apple Music. You can see that the work itself is identified; tap its name to see 53 recordings of it.

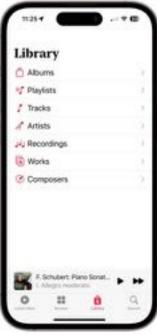




Popular Recordings lists five albums recorded by well-known artists; scroll down and tap See All to see all results. When you tap a result, you see the work you searched for, and only that work. You can scroll down and tap Featured On to see the full album containing that work.

When viewing a work, tap the more (•••) icon and select Add to a Playlist to save the work or add it to an existing playlist in your library. Tap Share Recording to send a link to a friend. Tap Show Album to see the entire album the work is from. Or tap Favorite to assign it a star. The Favorite star is the classical equivalent of the Love option for Apple Music. You can favorite Recordings, Works, Composers, and Artists, and they display in the various sub-sections of the Library screen.





When viewing an album, tapping + at the top of the screen adds the album to your library. It displays in the Albums entry of the Library screen, and it also gets added to your Apple Music library, so you can access it from the Apple Music app as well. However, favorite recordings, works, composers, and artists are not added to your Apple Music library.

Note that adding an album to your library doesn't add it to the Recordings list. That section displays recordings—that is, works by specific artists, which may or may not be entire albums—that you have favorited. This can be a good way to bookmark recordings without adding them to your library and cluttering it up.

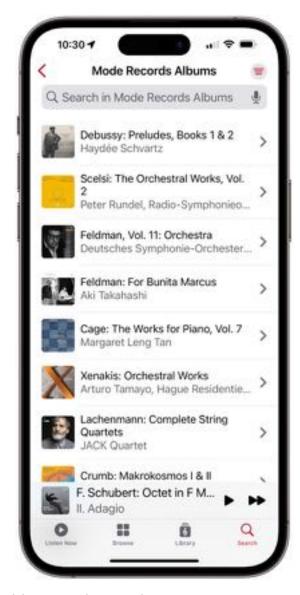
One useful feature is the ability to search *within* search results. After you've searched for something,

pull down on the screen to reveal a search field. You can enter keywords in this field to further narrow your search. You can also access this search field in other lists. For example, go to Browse, tap Instruments, then tap Violin. Tap one of the options —Latest Releases, Popular Artists, or Popular Works—and you'll see a list of results. Pull down, and you can search within that list.

Unfortunately, this sub-search field is not available when you view the Albums list in your Library. That list loads very slowly—about a dozen albums at a time when you scroll down—making it nearly useless for finding music to listen to. Because of this, it's a good idea to favorite recordings you want to listen to, since you can search the Recordings list.

You can also sort and filter searches. Tap the filter icon at the top right of the screen, and choose to sort by Popularity, Title, or Release date. If you tap Filter By, you can choose Genre (orchestral, vocal, etc.), Period (medieval, baroque, romantic, etc.), and Instrument. The options for each of these are contextual; you won't find the medieval option, for example, when searching a 20th-century composer or a record label with no music from that period.

With classical music, some labels specialize in certain repertoire and feature recordings from certain artists, and you may want to see what they have to offer. To help you focus your listening, Apple Music Classical enables you to browse content from specific record labels. While you can't yet search for record labels, you will find links on album pages to labels. Scroll down to the Record Label section, then tap the name to see what a label has to offer.



Problems with Search

Search is not without its problems. For example, I searched for Morton Feldman and found that his most popular work is "Piano," with 23 recordings. Tapping through the recordings of this work, I found works entitled "Piano, Violin, Viola, Cello," "Piano Piece 1952 (Version 2)," "Extensions 1 for Violin and Piano," "3 Clarinets, Cello & Piano," and the one piece that he wrote that is, indeed, just titled "Piano."

When I searched for albums of works by Toru Takemitsu, the Latest Albums list was unhelpful. You can sort some searches by tapping the filter icon at the top right of the screen, and when I sorted by Popularity, only one of the nine albums

on the first screen contained Takemitsu's name as a composer. All the other albums contained only one work by him, and I had to scroll to find albums where he was the only composer.

If someone wants to discover music by a composer they are unfamiliar with, there should be some editorial curation. In the case of Takemitsu, for instance, there are several excellent recordings of his work on the Deutsche Grammophon and Bis labels, in a series of albums dedicated to the composer.

Finally, Apple hasn't fully normalized composer names. As you look through the Apple Music Classical app, you'll see that there is a standardization, developed about 15 years ago, of having a composer's name listed before a colon at the beginning of an album or work title. Yet I find albums listed under both Cage and John Cage, Bach and J.S. Bach, and Dowland and John Dowland. Far too few albums even respect this standardization, making it hard to weed through long lists of albums.

Where Do We Go from Here?

The most perplexing thing about the Apple Music Classical app is how completely it is siloed. It's only available for the iPhone, though you can install it on an iPad and zoom it to 2x. Not only is it not available on the Mac—the iPhone app isn't even available for M-series Macs—but the enhanced metadata, using work and movement tags, is not visible in Apple Music on the Mac nor in the Apple Music app on the iPhone and iPad. It seems Apple is using two separate databases, which makes no sense. If the metadata is available—and work and movement tags are available on many albums in Apple Music already—why not let the other apps access them?

It also seems like it should be trivial to add Apple Music Classical to the Music app on the desktop. Adding a sidebar entry would not change the interface much, and since all of the content in the Apple Music Classical app is HTML, the Music app would have no problem displaying it. It's the exact same type of content that Apple Music uses.

All this makes the Apple Music Classical app seem like an experiment. It's quite polished for a 1.0 release, and, despite the issues that I've mentioned above that will irritate classical music fans, it's a generally successful attempt to provide a better way to access classical music. Apple should be praised for paying so much attention to a genre that represents only 2–3% of the overall music market.

I've long complained about the way iTunes, then the Music app and Apple Music, have dealt with classical music. The earliest such articles I can find on Macworld date back to 2005. In <u>Corral your classical music</u>, I wrote, "If you're a fan of classical music, then you've probably, at some point, become frustrated with iTunes and the iPod. Track information from the Web is inconsistent, pieces are difficult to tag and categorize, and imported songs don't flow seamlessly into one another."

I'm happy to say that Apple has finally solved many of these problems. It's a shame that it took so long.





