

Streaming Music on Apple Devices

What is Streaming?

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Audio Streaming

What is it?

- Audio streaming is the practice of delivering real-time audio through a network connection (from Techopedia)
- Requires a network connection by device performing streaming
- Requires a device such as iPhone, iPad or Mac
- Music may be listened to via earbuds, headphones or loudspeakers

Streaming Subscription Services

By Number of subscribers

- Spotify - over 250 million subscribers
- Apple Music - introduced in 2015
- Amazon Prime - free as part of your Amazon Prime subscription
- You Tube - owned by Google
- Pandora - my go to music app
- Numerous others

Spotify

Biggest streaming service

- Popular among students
- Free version with ads
- Premium - free trial for three months/\$9.99 monthly after trial ends
- Student - \$4.99/month
- Premium for family of 6 - \$14.99/month
- Access to 50 million songs

Apple Music

Estimated to have more than 70 million subscribers

- Second largest streaming service
- Integrates best with iOS and Mac devices
- Is now a stand alone app on all Apple devices
- iTunes Store exists as a separate entity for purchasing music
- Access to 70 million songs
- Three month free trial - \$9.99 per month after
- \$4.99 student rate
- \$14.99 family rate (up to six family members)

Amazon Prime

Over 150 Amazon Prime subscribers

- Access to 2 million songs
- Included with Amazon Prime subscription
- Runs on iOS devices and Mac OS
- Upgrade to Amazon Music Unlimited
 - Free for three months
 - \$7.99 a month for Prime members after trial

You Tube Music

Owned by Google

- 30 million subscribers
- Two month free trial - \$9.99 per month thereafter
- Student and family memberships available

Pandora

Simplest to use

- Three levels of membership
- Free (with ads), Plus at \$4.99/month, Premium at \$9.99/month
- Very easy signup
- Choose artists/albums to create your own station
- Other stations with similar tastes available
- Has approximately 60 million subscribers
- Acquired and owned by Sirius XM Holdings

Sirius XM

Satellite Radio Music provider

- Free trial provided with a new car purchase
- Also has an internet based subscription
 - For use in cars
 - For use at home on iOS and Mac devices
- Satellite based subscription for car great for travel
 - Excellent sound quality
 - Can travel cross country without loss of signal

How to stream

There are a few options

- Once you have chosen a streaming app
 - Download to your iPhone or iPad or Mac
 - Choose a device or speaker to play the music on
 - Connect via cable to your device/speaker or
 - Connect to your device/speaker via Airplay or Bluetooth
 - Begin playing your music

Connect to Bluetooth Speaker

Or use Airplay



Connect to streaming device

Allows connection to stereo system



Wireless connection



Left/right audio outputs



Stream to headphones

For private listening



Some Considerations

Apple Music

- Apple Music basically takes over your music library
- It may replace album cover art for imported CDs
- It stores all your music in iCloud, but does not use your iCloud storage
- You do not own any Apple Music imported into your Music library
- You can still purchase music from iTunes
- Not all songs or albums are available
- It is best to do the three month trial before signing up