

**Cut The TV Cable**

**by**

**Paul Glattstein**

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**“Television is a medium because it is neither rare nor well done.” Ernie Kovacs**

# Overview

Disconnect from Cable or Satellite TV

What's out there to watch

and how to get it

Let's take a look at:

Devices  
Services  
& Content

# Devices

## **Apple TV \$100**

A set top player that plugs into your TV's HDMI port and connects to the Internet via Ethernet cable or Wi-Fi

It plays on TV, Mac, PC, laptop, smartphone, or tablet with Android or iOS App

Remote included but without volume control

# Devices

## **Google Chromecast \$35**

A dongle that plugs into your TV's HDMI port and connects to the Internet via Wi-Fi.

It has somewhat limited functionality compared to Apple TV or Roku

Control is via an Android or iOS App  
a remote is not needed or furnished

Chromecast works with Android, iOS, Chrome OS and the Chrome browser

It plays on TV and smartphone, tablet or laptop

# Devices

## **Roku 3 \$100**

Roku 3 is a set top player that plugs into your TV's HDMI port and connects to the Internet via Ethernet cable or Wi-Fi

A remote and a set of earphones is included

The remote includes a Game motion controller

You can control Roku from a Smartphone or Tablet with an Android or iOS app

# Devices

You can also use any Internet connected TV Set, DVD Player, Blue-Ray Player or Game Console

Internet Connection – You need a reasonably fast Internet connection to stream downloads from any of the Services

# Services

Most of the good services require a separate monthly subscription or pay-per-view fee.

**Aereo** – Streams freely available over-the-air local TV content from major broadcasters like ABC, NBC, Fox, CBS, and others. It does this by using tiny antennas (one per subscriber) to pick up those broadcast signals and then stream them via the Internet. About \$8 per month. Currently in legal battles with broadcasters.

**Amazon Instant Video** – Requires Amazon Prime at \$80+ per year. Stream, rent or buy Movies & TV Shows, most are free but some have a charge.

720p video, higher resolution may depend on internet bandwidth. Works with Roku, iOS and Android Tablets and Smartphones.



# Services

**Apple TV** – Stream purchased iTunes content, including TV shows, movies, and music, plus if you use iTunes Match, all your cloud-stored music is available. Stream music, photos, and videos from nearly any iOS app. Watch Netflix, You Tube, HBO Go and ESPN.

**Crackle** – Stream Movies and TV Shows, Most free but ad supported. Owned by Sony.

SD (Standard Definition) format, no HD content.

App for Android and iOS mobile devices.

**Google Chromecast** – Apps for Android and iOS mobile devices. Netflix, YouTube, Hulu Plus, Pandora, Google Music, Plex, Vevo, HBO Go and Google Play movies.

**HBO Go** - Stream Movies and TV Shows, free to current HBO subscribers but ad supported.

App for Android and iOS mobile devices.

# Services

**Hoopla** – Access music video and audiobooks, free service linked to local library. Library card number required for access. Currently no participating libraries in New Jersey.

**Hulu and Hulu Plus** – Stream TV shows and Movies. Hulu with ads is free. Hulu Plus has fewer ads but an \$8/mo fee. Can watch Hulu TV Shows on an internet connected computer without a Hulu account. Hulu and HuluPlus work with AppleTV, iPad and Roku.

**NetFlix Instant** – Stream Movies and TV shows, \$8/month. Larger Movie and TV Show archive than other services. Works with Roku, Apple TV and internet connected computer.

**Pandora Internet Radio** - Music Streaming service. Has a library of over 800,000 tracks from 80,000 artists. Plays musical selections based on the user's selection from 400 different musical attributes. Free supported by ads and a fee-based subscription without ads.

# Services

**Roku 3** – Over 1,000 channels are listed by mkvXstream at <http://mkvxstream.blogspot.com>

An impressive lineup of content, including Netflix, Amazon Instant, Hulu Plus, Redbox Instant, Crackle, Pandora, HBO Go, MLB.TV, NHL GameCenter, PBS, TED Talks, NASA, CNET and YouTube

**Spotify** – Music streaming service for mobile devices, computers and entertainment systems.

Free ad supported or Unlimited without ads for \$6 a month.

**Vevo** – Free ad supported music videos and TV shows.

Also viewable on YouTube.

**Vimeo and Vimeo Plus** – User uploaded video sharing service,

Vimeo – free 500 MB per week upload.

Vimeo Plus - \$10 per month for 5 GB per week upload.

# Services

**Vudu** - Stream, rent or buy Movies & TV Shows.

No monthly fee but a pay-per-view charge per for some shows.

Requires a free UltraViolet Cloud storage account.

Works with Roku, Apple TV, iPad and internet connected computer.

**YouTube** - Video sharing website owned by Google.

Most content is free with some ad supported and fee based videos.

View and share videos plus registered users can upload.

Has a wide variety of video content, including video clips, TV clips, music videos and amateur content such as short original videos, and educational videos.

Works with Roku, Apple TV, iPad and internet connected computer.

# Content

Some free, some pay-per-view, some by subscription and some advertising supported.

In some cases you need a paid cable or satellite subscription to view some content items.

Most content is time delayed from 1 or 2 days up to 6 months plus.

Movies

TV Shows

Sports

News

Weather

Radio Stations

Music

User uploaded content

# Summary

If you're heavily invested in the Apple ecosystem, go with the Apple TV. It's the best way to watch iTunes content on the TV screen and Apple has slowly added the most desired apps (channels)

If you're not tied-in with Apple, the Roku 3 is the way to go. Historically, Roku gets new apps and services much faster than Apple TV and recently added YouTube, previously exclusive to Apple Roku lists about 1,000 channels

**End of Presentation**

**are there any**

**Questions**

**or**

**Comments**