Public services

Documentation over public services I provide.

- Email hosting
  - Mailcow (mx1.thomassen.pm)
  - MXRoute - Blizzard
- Plex - Cactflix
  - Plex - Getting Started
  - Plex - Requesting Media
  - Plex - Monogatari series

Email hosting

Pages covering all the different email hosting I have.

Mailcow (mx1.thomassen.pm)

What the f*** is Mailcow!?

Mailcow is a software stack for running an email server, which is currently running on a dedicated server here in Norway (through a provider) that I manage.
Compared to my other servers, my Mailcow instance has the "cleanest" IP address, making it perfect for personal email and such as long as your domain has been set up correctly.

Webmail

Webmail is provided through a software called "SOGo". The link to that is:

https://mx1.thomassen.pm/SOGo/
SOGo allows you to set up your identity (the name and signature sent with every email, for instance), but it also has some nice features like managing your calendar, contacts and changing your password.

You are also able to change your password through the main Mailcow page:

https://mx1.thomassen.pm/

Email clients

The incoming and outgoing mail servers support all the default encryption settings and network ports, so if you know those you're good to go. The hostname for both incoming and outgoing is the same: `mx1.thomassen.pm`

For those of you that need specific details:

Incoming (IMAP)

- Host: `mx1.thomassen.pm`
- Port(s): `143 (Unencrypted/STARTTLS), 993 (SSL/TLS)`

- Authentication: Required.
- Username: Your full email address, example: `alex@chipset.no`
- Password: Your password.

Outgoing (SMTP)

- Host: `mx1.thomassen.pm`
- Port: `25 (Unencrypted), 465 (SSL/TLS), 587 (STARTTLS)`
- Authentication method (if requested): `LOGIN`
- Username: Your full email address, example: `alex@chipset.no`
- Password: Your password.

Incoming (POP)

I don't even know if Mailcow supports this and I don't even know what the settings would be here. If you really wanna use POP instead of IMAP, just go with the same hostname (using default POP ports) and username/password as IMAP and see if it works.

DNS

If you know your way around managing the DNS settings, these are the common settings that all domains through Mailcow uses.
Make sure that you've talked to me before changing these settings as they could potentially break your email. Mailcow only accepts emails from domains and addresses I've added.

DNS records

For the DNS records, I'll be using `@` for the root/main domain and for example `mail` for a subdomain.
That means, if your root/main domain is `chipset.no`, then `@` would imply `chipset.no` and `mail` would imply `mail.chipset.no`.
Depending on your DNS provider, this might be important to note or else your DNS settings will be wrong.

MX type records are specified in the format `<Priority> <Hostname>`. Some DNS providers have a "Priority" field separate from the "Content" field. So keep this is mind when looking at MX records.

TTL or **Time-To-Live** specifies how long a record (in seconds) should be cached by DNS servers (like Google, Cloudflare or your ISP). I will specify a common default, but you're free to choose whatever you want.
3600 (seconds) = 1 hour.

Name	Type	Content	TTL	Comment

`@`	MX	`10 mx1.thomassen.pm`	3600	Priority: `10` and hostname: `mx1.thomassen.pm`
`@`	TXT	`v=spf1 include:spf.thomassen.xyz -all`	3600	[SPF] Important if you want your email to not go into spam.
`mail`	CNAME	`mx1.thomassen.pm`	3600	Optional, can be used for easy-to-remember access to Mailcow/SOGo. Let me know if you add this subdomain/alias.

DKIM

DKIM is used for additional 'authentication' of email when sent to other mail providers (Gmail, Hotmail, Yahoo etc). It's used in addition to SPF to prevent spam.
I highly recommend setting this up, but that requires that I generate a DKIM key pair via Mailcow.

Please contact me at Decicus#0001 (Discord) or email (alex@chipset.no) if I haven't sorted this out with you yet.

DMARC: If you enable DKIM, I also recommend adding a record for DMARC which allows you to specify a policy for email providers to follow when receiving an email from your domain.
This will also specify an email address for them to send reports.
By default it specifies to send the reports to my email address (alex@chipset.no) every 24 hours.
The settings used by the DMARC record I've specified are also the most strict possible. So if your SPF or DKIM is misconfigured, your email won't go through.
Double-check with me before adding DMARC.

DKIM/DMARC will typically be added through DNS in this format:

Name	Type	Content	TTL	Comment
`mailcow._domainkey`	TXT	`v=DKIM1;k=rsa;t=s;s=email;p=MIIBIjANBgkqhkiG....`	3600	DKIM public key example. Snipped because they're usually really long (~400 characters)
`_dmarc`	TXT	v=DMARC1; p=reject; sp=reject; rua=mailto:alex@chipset.no; ruf=mailto:alex@chipset.no; rf=afrf; pct=100; ri=86400	3600	Optional, see comment about DMARC. Alternatively use a DMARC generator

MXRoute - Blizzard

Webmail

Webmail on `blizzard` is available at: https://blizzard.mxrouting.net/roundcube/

Email clients

The incoming and outgoing mail servers support all the default encryption settings and network ports, so if you know those you're good to go. The hostname for both incoming and outgoing is the same: `blizzard.mxrouting.net`

For those of you that need specific details:

Incoming (IMAP)

- Host: `blizzard.mxrouting.net`
- Ports:
  - `143` (Unencrypted)
  - `993` (SSL/TLS) **[Recommended]**
- Authentication: Required.
- Username: Your full email address, example: `alex@lambda.pw`
- Password: Your password.

Outgoing (SMTP)

- Host: `blizzard.mxrouting.net`
- Ports:
  - `25` (Unencrypted)
  - `465` (SSL/TLS) **[Recommended]**
  - `587` (STARTTLS) **[Recommended]**
- Authentication method (if requested): `LOGIN`
- Username: Your full email address, example: `alex@lambda.pw`

- Password: Your password.

Account management

Account management can be done via https://mail.mxlogin.com/
Use your full email address + password to log in.

Plex - Cactflix

Documentation regarding my Plex servers aka Cactflix

Plex - Getting Started

How to access

This assumes you've created a Plex.tv account, been invited to my personal Plex server and accepted the invite to it.

Make sure to log in to app.plex.tv with the same email/account as the one you received the invite on.
Once logged in, you should automatically have access to my Plex servers. The primary server should be called `Cactflix [Main]`.

Costs

My Plex server isn't free for me to host. I also spend some time here and there maintaining the library (mostly cleanup to get space for newer media, but sourcing more niche media can also be a bit of a pain).

- PayPal
- Revolut: `@decicus`
- Ko-fi
- Liberapay - For recurring payments
- Twitch - In case you wanna use your Twitch Prime subscription :)

Cryptocurrencies:

- Bitcoin: `1PPYK5bJ9TZVfxYBmAPF4Xcb6rHF2sEzzK`
- Dogecoin: `DECicUS4MANNEnWNdjLvxfa3who5DmohG5`
- Ethereum / Polygon (MATIC) / USDT etc.: `0xE66Ff6B10FC7a77a8e7c4dfEd5Ad122c47D6a777`
  - I accept most common tokens on both Ethereum and the Polygon networks <3

Transparency

When using my Plex server I will have access to see the following information about your streaming:

- What media you're streaming from my server, including full playback history of the media you have previously streamed from my server.
- The web browser or device (TV, phone, game console etc.) you are using or have been using.
- Your IP address, including IP address history.
- Timestamp of where you are in media (movies / TV shows) you're currently watching.

You can have access to your own information too via a tool called Tautulli, just let me know if you want access (I have to tick a checkbox that is unchecked by default).

Normally I don't access any of this information and it's just running in the background, it would only really be relevant whenever:

- You report an issue, I use it to see the technical details for troubleshooting.
- I am doing media maintenance (mostly deleting) and trying to figure out if someone is currently watching a show.
  - I don't wanna delete a show if someone is in the middle of watching it :P

Location & Performance

The Plex server is located in Germany. Depending on your own location, the server may not perform optimal due to how the internet works.
I also expect you have a decent enough internet connection to handle the streaming. You can turn down the quality if you have issues with buffering.

The server runs on an i5-12500 using the integrated graphics for transcoding (Intel QuickSync). There's mostly 1080p content on there (assuming it is available), with only a small set of 4K content. This is mainly for storage and bandwidth reasons.

Whenever possible, I highly recommend using one of the official Plex client apps as it supports "direct streaming" (which helps with performance, speed and quality).

Mobile

If you're not a Plex Pass user, then mobile streaming & sync with Plex (at least on Android / iOS) has an additional cost to the *company behind the Plex software*.

Update - March 19th, 2025:

If you are a bit patient and you haven't already paid the unlock fee, you might wanna wait until the "new mobile Plex experience" is available.

Plex has plans to eliminate this fee: https://www.plex.tv/blog/important-2025-plex-updates/#so-long

> Our Android and iOS mobile apps previously required a one-time activation fee or Plex Pass to remove the one-minute playback limitation when streaming content from a Plex Media Server. As part of these changes, there will no longer be any such one-minute playback limitation. Playing content on a local network will be free in the new mobile apps. These changes will go into effect when the new mobile Plex experience exits the preview period and launches publicly.

Old Plex mobile / tablet apps information

> **Quote from Plex:**
> Until the mobile app is unlocked (through an in-app purchase or a Plex Pass subscription), video and music streamed from a Plex Media Server has a 1 minute limit, and photos will be watermarked.

The in-app purchase is *one-time* cost of 5 USD, which you have to pay through the Android / iOS app.
Plex has guides on how to do this for both Android and iOS:

- Unlocking or Activating Plex for Android
- Unlocking or Activating Plex for iOS

Alternatively, you pay 5 USD per month for Plex Pass, but that's unnecessary if you only need access on mobile.
Plex Pass is mostly useful if you host your own Plex server.

If you want to read more about this particular topic, I suggest you read this support article: Plex Support | Plex: Free vs. Paid

If you only plan to watch Plex via the browser, desktop app or TV (either via smart TV app or devices such as Chromecast), then there should be no additional cost.

Suggestions / Requests

If you want to request something (TV show / movie):

1. Go to Seerr (formerly known as Overseerr)
2. Log in with your Plex account
3. Request gets added to the queue and will be manually processed when I have time, if it's daytime EU, usually within a few hours.

For any other questions / inquiries:

- Email: alex@thomassen.dev
- Discord: @Decicus
- Matrix: @alex:discuss.no

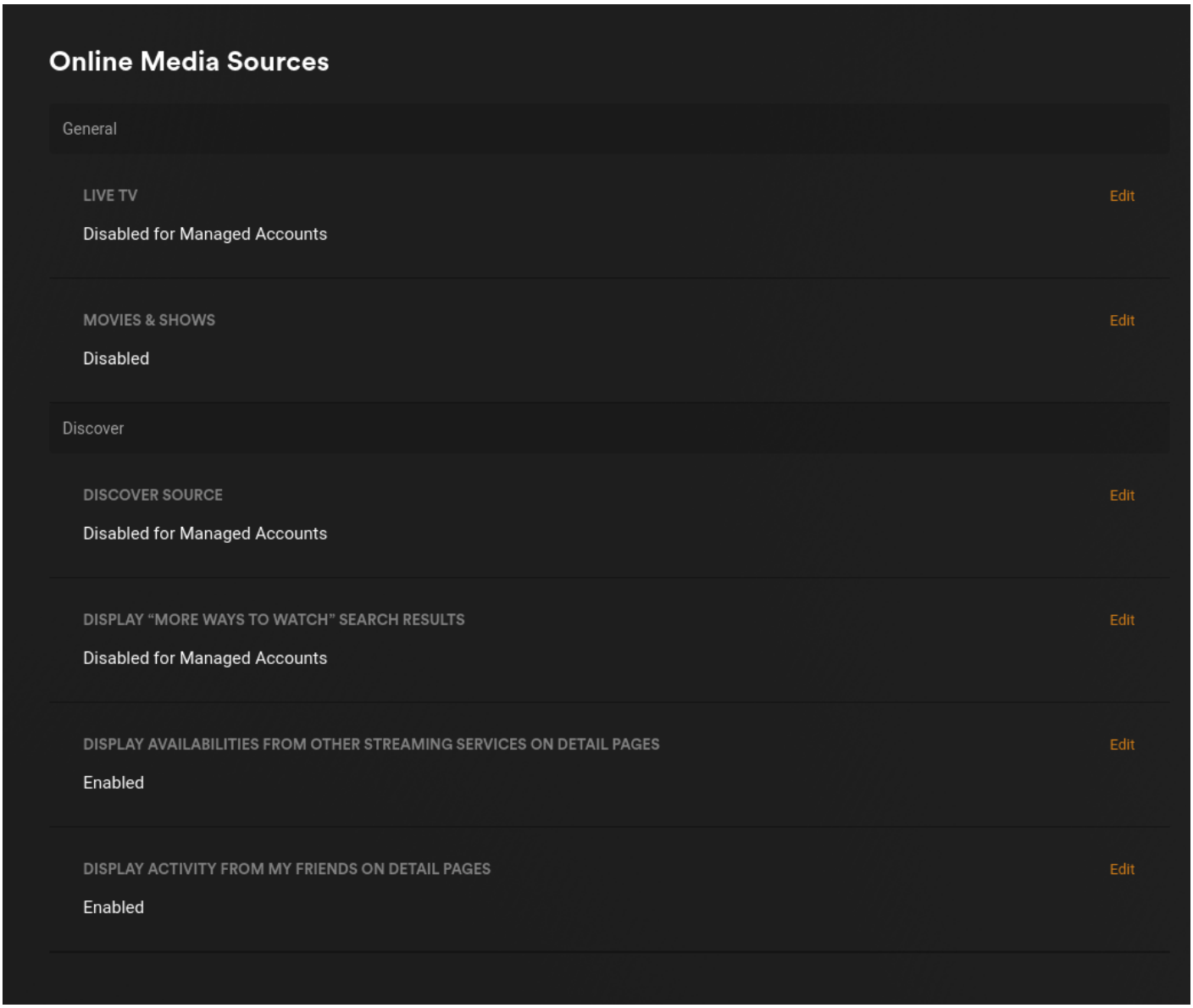
No guarantees that I can get what you want, but I'll try (as long as it's a reasonable request). :)

Tips when getting started with Plex

For all of these tips, make sure you have already logged in on app.plex.tv.

Disabling junk

I recommend disabling all the extra "Online media sources", since I just find them cluttering the Plex interface: https://app.plex.tv/desktop#!/settings/online-media-sources



Default quality

For *every device* you log into (your phone, different web browsers, the official Plex client etc.) you should set the default quality to "Maximum" as long as your connection to the Plex server is good enough.

For some reason Plex has decided that the default quality is 720p @ 2 mbps (in other words, not as good as it can be) and that this setting doesn't sync between devices.

See embedded guides below for the relevant devices. Note that they were made in 2021, so the user interface might be slightly different than the most up-to-date versions of the apps.

The graphics below were created by Endawmyke on the Plex subreddit!

You can also take a look at MediaClients.wiki for slightly more up-to-date guides.

mpv

If you're an mpv user and prefer that, you can use the MPV Shim for Plex (Unofficial), which would allow you to cast your stream to your mpv player.

For content that requires subtitles, it's not a perfect solution. If subtitles are tagged as "External", they may not work when using the MPV Shim.

Web browser / Desktop app

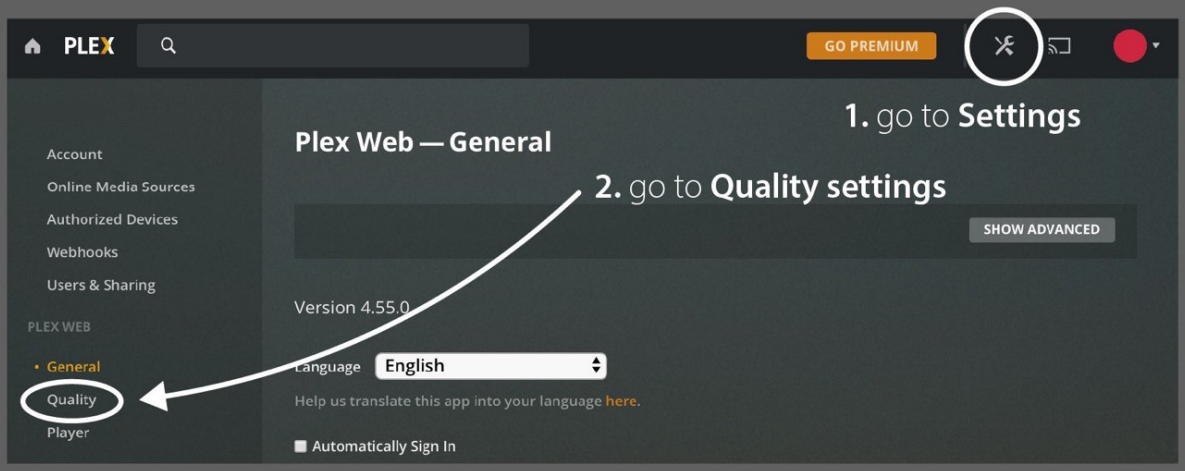
This setting is available on this page: https://app.plex.tv/desktop/#!/settings/web/quality

how-to setup plex

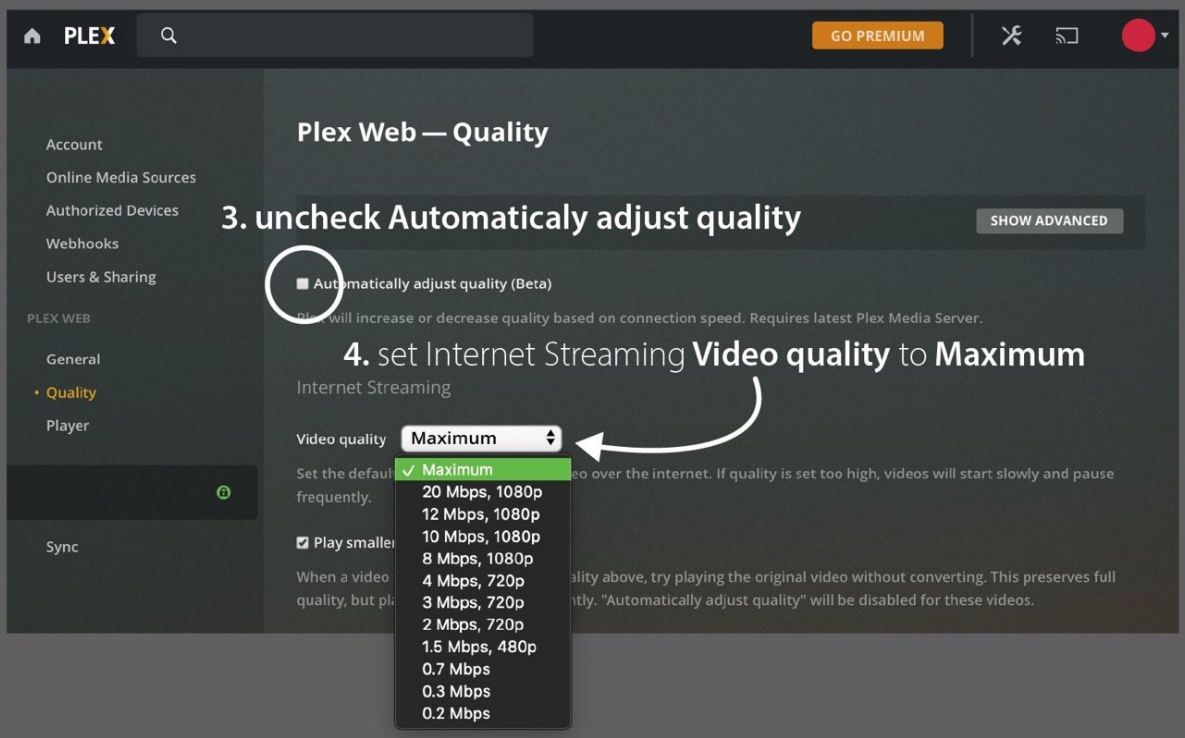
you **must do this** every time you login to a **new app** or **browser** for the **first time**

visit **app.plex.tv** or open the **plex desktop app**

A



B



congratulations you're **ready** to **watch!**

Amazon Fire / Android TV, Consoles, Roku

how-to setup plex

you **must do this** every time you login to a **new app** for the **first time**



remote legend

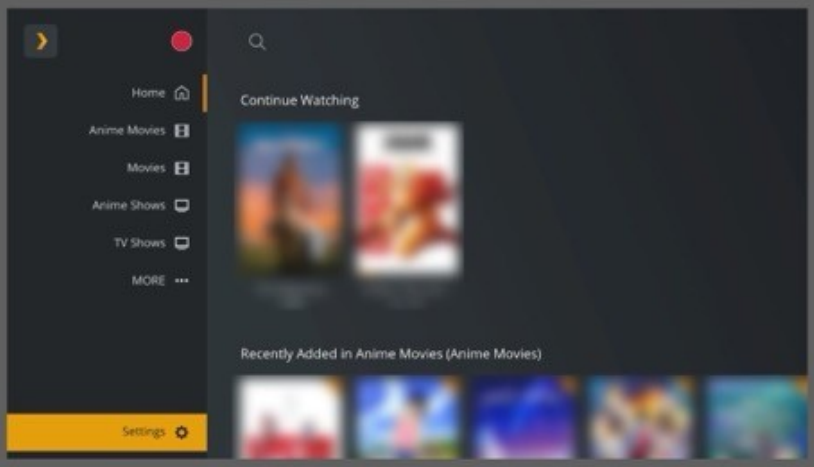
directional controls
(up, down, left, right)

confirm button
(aka: select button, OK button, Cross, ✕ button, A button)

back button
(aka: ⮌, Circle, ○ button, B button)

open the **Amazon Fire TV, Android TV, PlayStation 4/5, Roku, Smart TV (LG, Samsung, VIZIO), Xbox** **plex app**

A. Home



1. press **left** to reveal **Side Bar**
2. press **down repeatedly** to hover over **Settings**
3. press **confirm button** to enter Settings Page



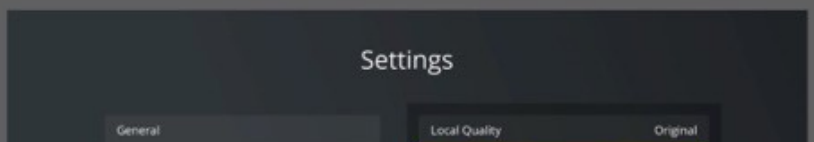
B. Settings



4. press **down 3 times** to hover over **Video**
5. press **confirm button** to enter Video Settings



C. Video



6. press **down once** to hover over **Remote Quality**

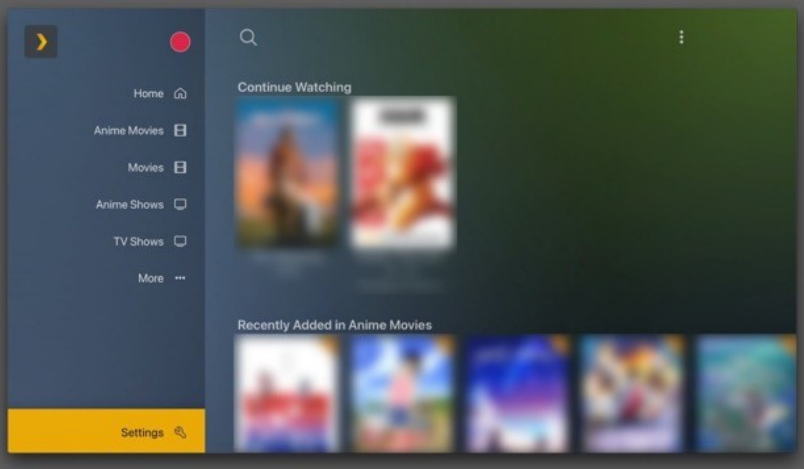
Apple TV / tvOS

how-to setup plex

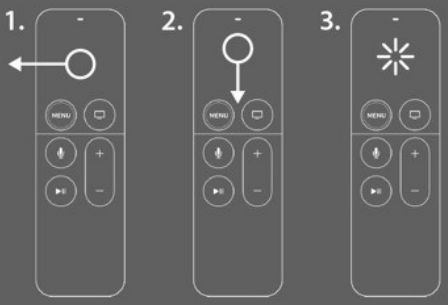
you **must do this** every time you login to a **new app** for the **first time**

open the tvOS **plex app**

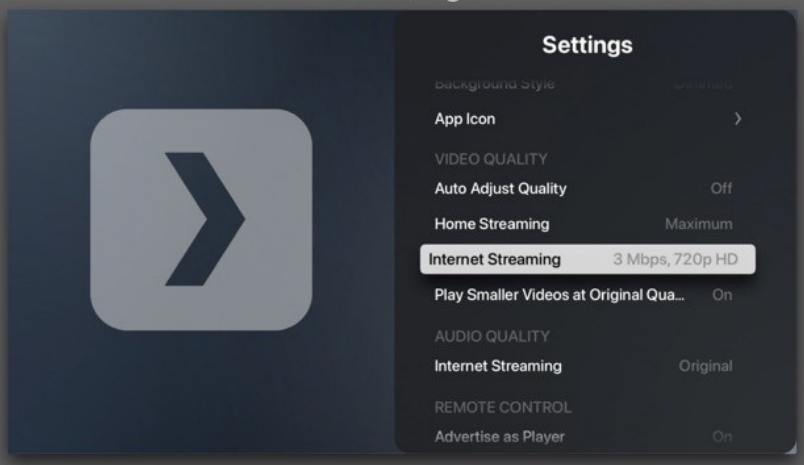
A. Home



1. swipe **left** to access **Side Bar**
2. scroll **down** to **Settings**
3. press to open **Settings**

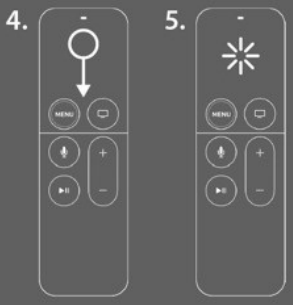


B. Settings



4. scroll **down** to Video Quality > **Internet Streaming**

5. press to open **Internet Steaming**

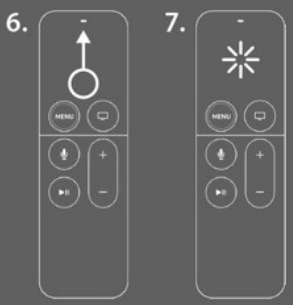


C. Internet Streaming



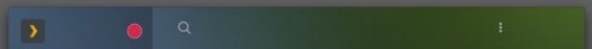
6. scroll **up** to **Maximum**

7. press to select **Maximum**



D. go back Home

8. press MENU button 2 times



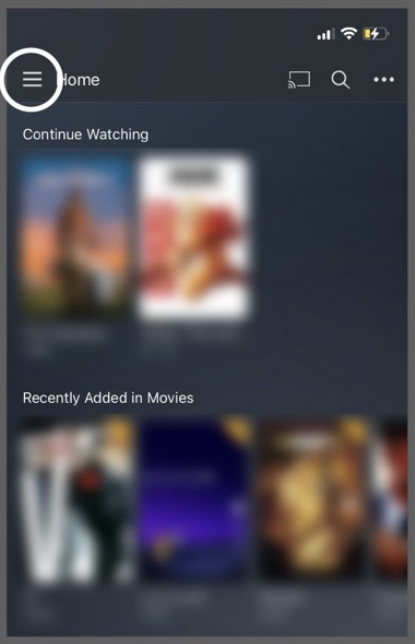
Android & iOS (iPhone / iPad)

how-to setup plex

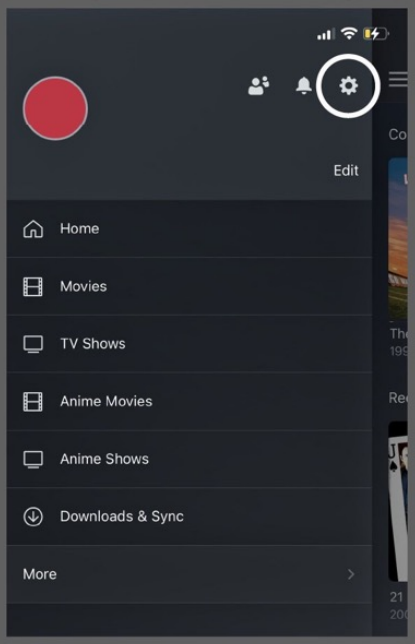
you **must do this** every time you login to a **new app** for the **first time**

open the iOS/Android **plex app**

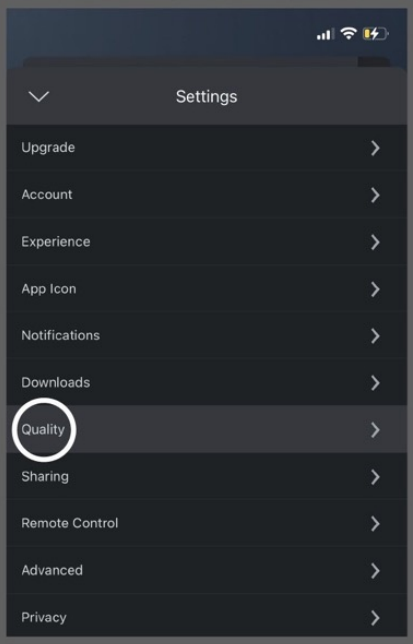
1. tap **3 lines menu**



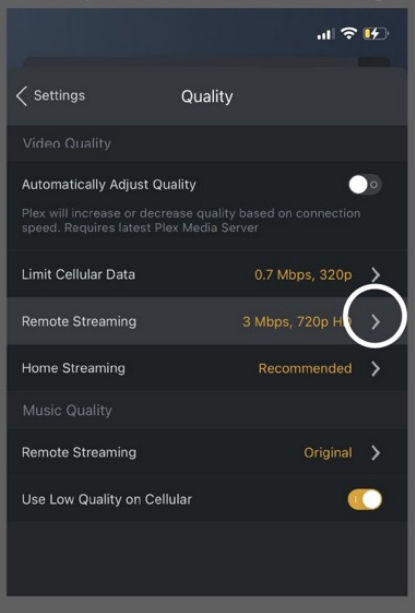
2. tap the **Gear** (Settings)



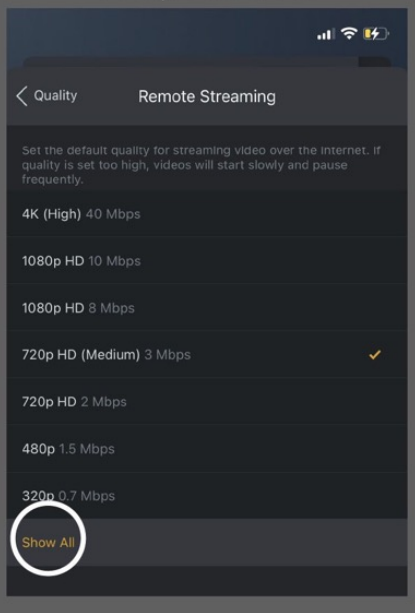
3. tap **Quality**



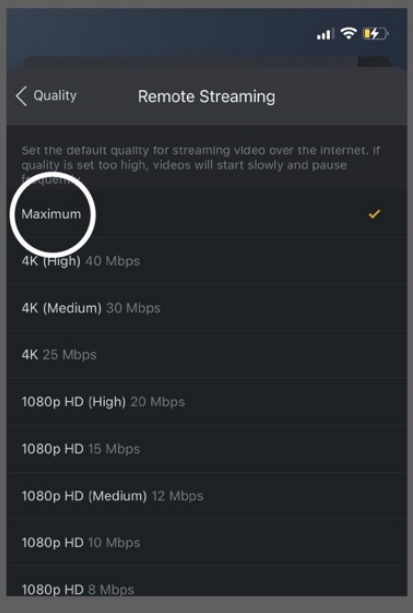
4. tap **Remote Streaming**



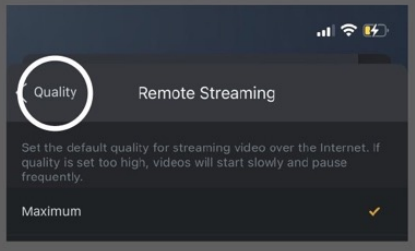
5. tap **Show All**



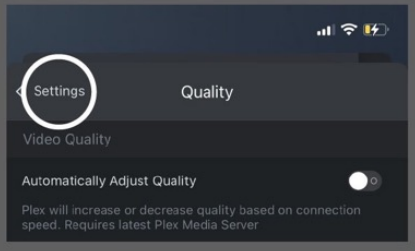
6. tap **Maximum**



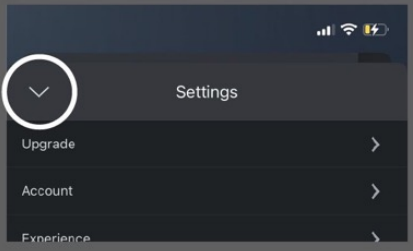
7. exit by tapping **Quality**



8. exit by tapping **Settings**



9. exit by tapping this button



congratulations you're **ready** to **watch!**

Plex - Requesting Media

All requests are done via an application called "Overseerr", which you can find specifically by visiting this URL: overseerr.decicus.com.

You'll have to log in using your Plex account.

Once media has been requested, I'll receive a notification and process it whenever possible.

Plex - Monogatari series

Watch order based on: https://nyaa.si/view/1427202

Archive mirror: https://archive.ph/c3Vat

"Season" / Arc	Media entry in Plex	Note
Bakemonogatari	Season 1	
Kizumonogatari	Specials: S00E02 + S00E19 + S00E20 / AnimeMovies part 1 + 2 + 3	Extended notes: 2
Nisemonogatari	Season 2	
Nekomonogatari (Kuro/Black)	Specials: S00E03 -> S00E06	Tsubasa Family - Part 1-4
Nekomonogatari (Shiro/White)	Season 3: S03E01 -> S03E05	Tsubasa Tiger - Part 1-5
Kabukimonogatari	Season 3: S03E06 -> S03E09	Mayoi Jiangshi
Otorimonogatari	Season 3: S03E10 -> S03E13	Nadeko Medusa
Onimonogatari	Season 3: S03E14 -> S03E17	Shinobu Time
Koimonogatari	Season 3: S03E18 -> S03E23	Hitagi End
Hanamonogatari	Specials: S00E10 -> S00E14	Suruga Devil
Tsukimonogatari	Specials: S00E15 -> S00E18	Yotsugi Doll
Owarimonogatari S01	Season 4	See extended notes: 1
Koyomimonogatari	Specials: S00E21 -> S00E32	Koyomi Stone/Flower/Sand/Water etc. - "non-reverse"
Owarimonogatari S02	Season 5	
Zoku Owarimonogatari	Specials: S00E33 -> S00E38	Koyomi Reverse
Orokamonogatari	Season 6: S06E01	*Monogatari Series: Off & Monster Season* - Tsukihi Undo
Nademonogatari	Season 6: S06E02 -> S06E06	*Monogatari Series: Off & Monster Season* - Nadeko Draw - Part 1-5
Wazamonogatari	Season 6: S06E07 -> S06E08	*Monogatari Series: Off & Monster Season* - Acerola Bon Appétit - Part 1-2
Shinobumonogatari	Season 6: S06E09 -> S06E14	*Monogatari Series: Off & Monster Season* - Shinobu Mustard - Part 1-6

Excluded - Specials: S00E07 -> S00E09
In TheTVDB/Sonarr, they're named as Summary I + II + II. So they're just recap episodes.

Extended notes

1️⃣ Owarimonogatari S01: S04E01 & S00E39 + S00E40

- In Sonarr/TheTVDB they're tracked as "Parts 1 & 2", but in the files they're two separate files. Based on filenaming, Plex *should* understand that they're combined into one episode of a total of 51 minutes (part 1 => 27 min, part 2 => 24).
- These have also been added as separate specials: S00E39 + S00E40

2️⃣ Kizumonogatari

- These "specials" episodes (S00E02, S00E19, S00E20) are the same as the ones listed under "Anime Movies" as Kizumonogatari. They're the same files, so it doesn't matter which you watch.