

# Matt's Shack

I do stuff... Then post it here...



## Plex Movie Poster Display v3

**V3 is still in development. The code, and this page, are still a work in progress.**

Sorry I have been away. Between a bad case of Covid and work / real life I have not had a lot of time. I am still planning on update this project... so please stay tuned...

**Version 3 [ DEV - Pre-release ]**

**A BIG 'thank you' to everyone who is helping with this project!**

**Honorable mentions: ZeroCoolGOS**

Please provide feedback, suggestions, or issues.

The comments are open.

## About

Plex Movie Poster Display (PMPD) is a side project I started a few years ago. I always thought it would be cool to have a display outside my media room that would show the poster of the movie or TV show that was currently playing. I searched the internet and found similar projects, which were all windows programs. There was just one problem... I wanted to run this project on a Raspberry Pi. So, unsatisfied with the solutions I found online, I decided to build my own.

Scene that time PMPD has grown. Many people have provided suggestion, contributed code, helped with test hardware, and spent hours helping make this project better than I imagined.

## raspberrypi — General

SHOW ADVANCED

Server signed in as: **admin**  
SIGN OUT

Version: 2.13.0  
DOWNLOAD UPDATES

### Statistics:

Posters:	108	CLEAR CACHE
Items in cache/posters		
Background Art:	108	CLEAR CACHE
Items in cache/art		
Custom Images:	0	CLEAR CACHE
Items in cache/custom		
Custom Fonts:	0	CLEAR CACHE
Items in cache/fonts		
Custom Logs:	9	CLEAR CACHE
Items in cache/logs		
Free Space:	51.78GB	
Free space on /		

## Common Configuration

SHOW ADVANCED

Cache Images: ☒

### Cache Configuration

Posters:	cache/posters/	24hr Expire: <input checked="" type="checkbox"/>
Location for cache/posters/		24hr expiration for files in this path.
Background Art:	cache/art/	24hr Expire: <input checked="" type="checkbox"/>
Location for cache/art/		24hr expiration for files in this path.
Custom Images:	cache/custom/	24hr Expire: <input type="checkbox"/>
Location for cache/custom/		24hr expiration for files in this path.
Custom Fonts:	cache/fonts/	24hr Expire: <input type="checkbox"/>
Location for cache/fonts/		24hr expiration for files in this path.
Custom Logs:	cache/logs/	24hr Expire: <input type="checkbox"/>
Location for cache/logs/		24hr expiration for files in this path.

SAVE CHANGES

Movie Poster Display

## Coming Soon Configuration

[SHOW ADVANCED](#)Transition/Refresh Speed: 

How fast the page will refresh in seconds.

### Top Text Option:

☐ Title ☐ Summary ☐ Tagline ☒ Custom

Custom Text:

Optional

### Bottom Text Option:

☐ Title ☐ Summary ☐ Tagline ☒ Presented Info. ☐ Custom

Custom Text:

Optional

[SAVE CHANGES](#)

Movie Poster Display

## Font Configuration

[SHOW ADVANCED](#)Import Font or Bundle: [BROWSE FILE](#)Upload File: *None*[UPLOAD FILE](#)Download Bundle: [GENERATE BUNDLE](#)Download Bundle: *None*

# How PMPD Works

PMDP scraps

[http://IP\\_ADDRESS\\_OF\\_PLEX\\_SERVER>:32400/status/sessions](http://IP_ADDRESS_OF_PLEX_SERVER>:32400/status/sessions) and displays the poster, current progress, and description of the currently playing movie or TV show on a screen. If the client is not playing any media the script shows random movie posters from the Plex Server.

## Items Used

- Plex
- Raspberry Pi
- SD Card
- Wireless Keyboard
- 2 Pack 1.5 Ft HDMI Cables
- A display to show the posters.
- Plex Movie Poster Display Code (GitHub) – or –
- Plex Movie Poster Display DEV Code (GitHub)

## Prerequisites

A working Plex Server.

Your X-Plex-Token.

Raspberry Pi OS with desktop running on your Raspberry Pi.

Download and install Raspberry Pi OS with desktop onto SD card. (This is outside the scope of this how-to. If you need help please follow the installation instructions [here](#).)

To enable wireless and ssh on your Raspberry Pi without a monitor, check out my how-to [here](#).

## Install Required software packages

```
sudo apt update && sudo apt upgrade -y  
sudo apt-get install nginx php-fpm php-xml php-curl git unclutter -  
y
```

## Setup PHP with NGINX

**Update:** Remove index.nginx-debian.html from config. Sometimes when Nginx is upgraded it would load the default index.nginx-debian.html Nginx file (not the index.php file we want to load).

```
Add index.php to index line (Around line 44)
Before:
index index.html index.htm index.nginx-debian.html
After:
index index.html index.htm index.php;

cd /etc/nginx
sudo nano sites-enabled/default
index index.html index.htm index.php;
```

Scroll Down, uncomment the following lines, and save the file.

```
location ~ \.php$ {
    include snippets/fastcgi-php.conf;
    fastcgi_pass unix:/run/php/php7.3-fpm.sock;
}
```

Save Changes.

```
CTRL + O to write changes
CTRL + X to exit
```

### ***Increase NGINX File Size Limitation***

By default NGINX limits the file size you can upload (I think it defaults to 1MB). I recommend increasing the allowed file size so you can upload larger custom images.

```
sudo nano /etc/nginx/nginx.conf

- Add the follow in the http section after types_hash_max_size
2048;
client_max_body_size 25M;

- Save Changes.
CTRL + O to write changes
CTRL + X to exit
```

## ***Increase PHP upload\_max\_filesize.***

```
sudo nano /etc/php/7.3/fpm/php.ini
```

- Change upload\_max\_filesize (Around line 845)  
upload\_max\_filesize = 25M
- Save File
- Reboot Raspberry Pi (Might not need to reboot, but I had to for change to work).


## ***Setup PHP information file.***

```
cd /var/www/html/
sudo mv index.nginx-debian.html index.php
sudo nano index.php
  - Add <?php echo phpinfo(); ?> to top of file.
  - Save Changes.
CTRL + O to write changes
CTRL + X to exit
```

## ***Restart / Start NGINX and Test***

```
sudo /etc/init.d/nginx reload
```

Opening a browser to [http://<ip\\_address\\_of\\_your\\_raspberry\\_pi>](http://<ip_address_of_your_raspberry_pi>) . If everything is installed correctly. you should see the php information screen similar to this ( PHP 7.3.19-1 has been tested and works ).

PHP Version 7.3.19-1~deb10u1	
	
System	Linux raspberrypi 5.4.79-v7+ #1373 SMP Mon Nov 23 13:22:33 GMT 2020 armv7l
Build Date	Jul 5 2020 06:46:45
Server API	FPM/FastCGI
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.3/fpm
Loaded Configuration File	/etc/php/7.3/fpm/php.ini
Scan this dir for additional .ini files	/etc/php/7.3/fpm/conf.d
Additional .ini files parsed	/etc/php/7.3/fpm/conf.d/10-opcache.ini, /etc/php/7.3/fpm/conf.d/10-pdo.ini, /etc/php/7.3/fpm/conf.d/15-xml.ini, /etc/php/7.3/fpm/conf.d/20-calendar.ini, /etc/php/7.3/fpm/conf.d/20-ctype.ini, /etc/php/7.3/fpm/conf.d/20-dom.ini, /etc/php/7.3/fpm/conf.d/20-exif.ini, /etc/php/7.3/fpm/conf.d/20-fileinfo.ini, /etc/php/7.3/fpm/conf.d/20-ftp.ini, /etc/php/7.3/fpm/conf.d/20-gettext.ini, /etc/php/7.3/fpm/conf.d/20-iconv.ini, /etc/php/7.3/fpm/conf.d/20-json.ini, /etc/php/7.3/fpm/conf.d/20-phar.ini, /etc/php/7.3/fpm/conf.d/20-posix.ini, /etc/php/7.3/fpm/conf.d/20-readline.ini, /etc/php/7.3/fpm/conf.d/20-shmop.ini, /etc/php/7.3/fpm/conf.d/20-simplexml.ini, /etc/php/7.3/fpm/conf.d/20-sockets.ini, /etc/php/7.3/fpm/conf.d/20-sysmsg.ini, /etc/php/7.3/fpm/conf.d/20-syssem.ini, /etc/php/7.3/fpm/conf.d/20-sysshm.ini, /etc/php/7.3/fpm/conf.d/20-tokenizer.ini, /etc/php/7.3/fpm/conf.d/20-wddx.ini, /etc/php/7.3/fpm/conf.d/20-xmlreader.ini, /etc/php/7.3/fpm/conf.d/20-xmlwriter.ini, /etc/php/7.3/fpm/conf.d/20-xsl.ini
PHP API	20180731

## **Installing PMPD**

Clone ***Dev Branch*** (Future v3)

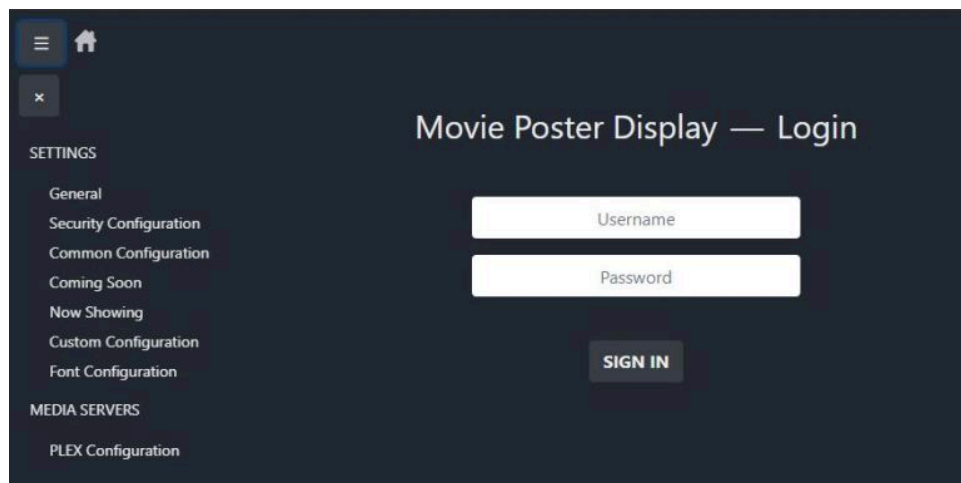
```
cd /your_preferred_git_directory
sudo git clone --branch dev https://github.com/MattsShack/Plex-
Movie-Poster-Display.git
cd Plex-Movie-Poster-Display
sudo cp -R * /var/www/html
- You can replace index.php used for in the testing above.
```

## Fix Permissions

```
sudo chmod -R 774 /var/www/html/
sudo chown -R pi:www-data /var/www/html/
```

## First Time Use

Open Browser to `http://<ip_of_raspberry_pi>/settings/login.php` and login with username **admin** and password **password1**.



Once logged into the admin page, you will need to update the Plex Server IP, Plex Token, and Plex Movie Sections in “Server Configuration” before PMDP will work properly.

**Important:** The Movie Sections input is expecting the ID (#) of the Plex library you want PMPD to use for posters. You can add multiple sections as long as they are comma separated and contain no spaces.

How to find your Plex sections ID(s):

- Open your Plex web interface via the browser of your choice.
- Select the desired section(s) from menu on the left. (Example: Movies)

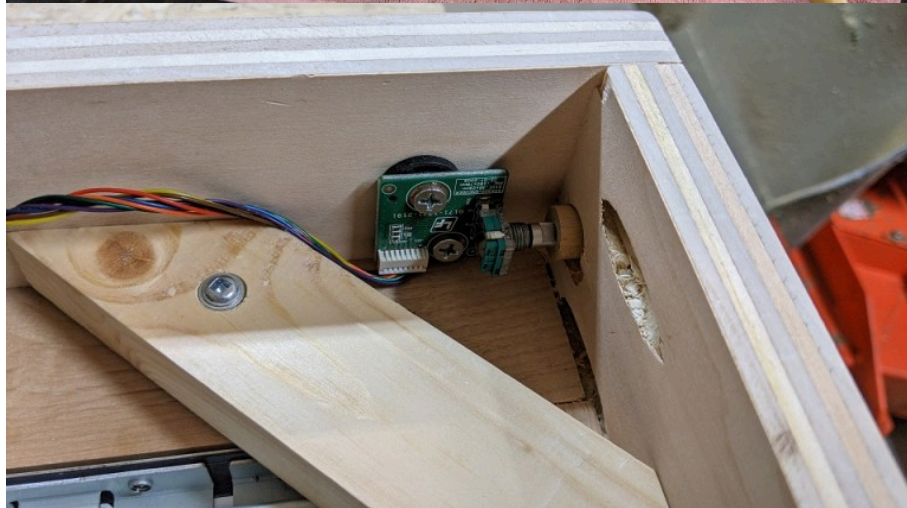
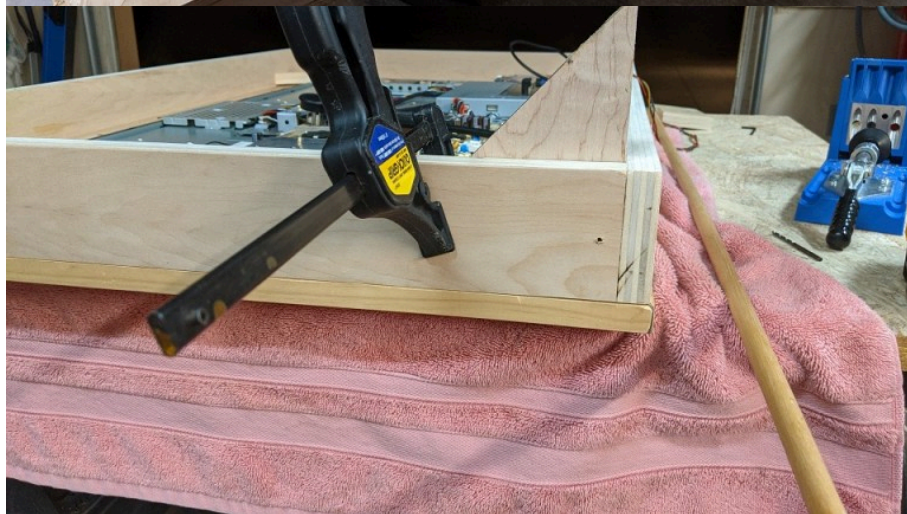


- Once the section is loaded... Look towards the end of the URL in the browser. You should see something like "source=2".

## Slideshow of my Newest Build

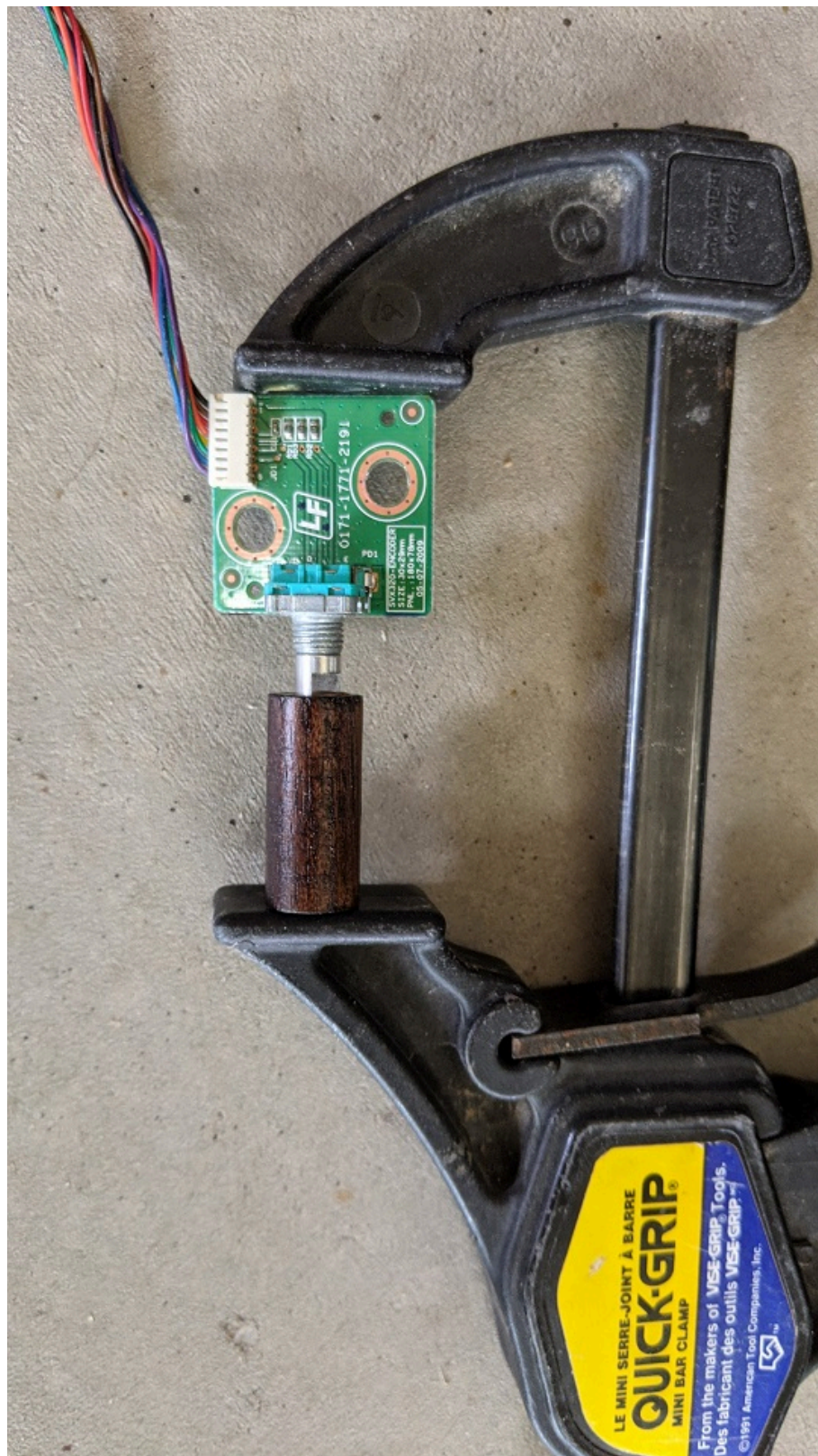






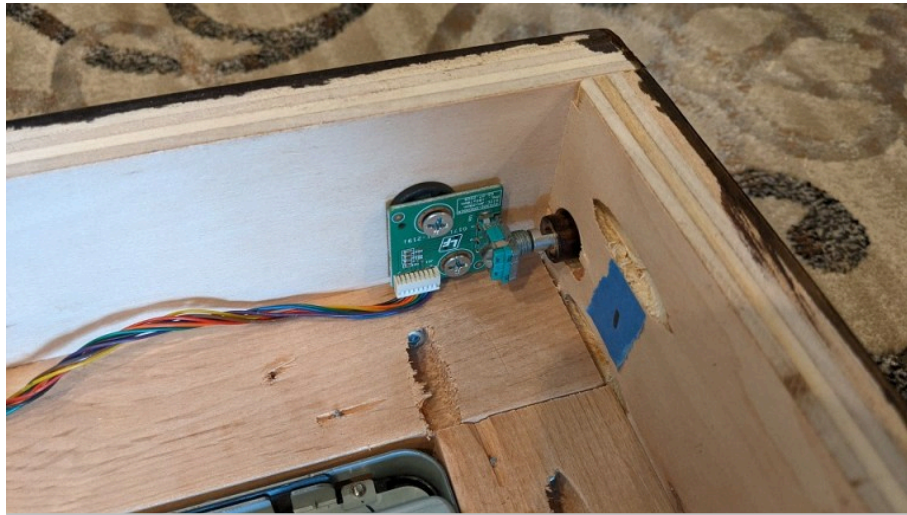








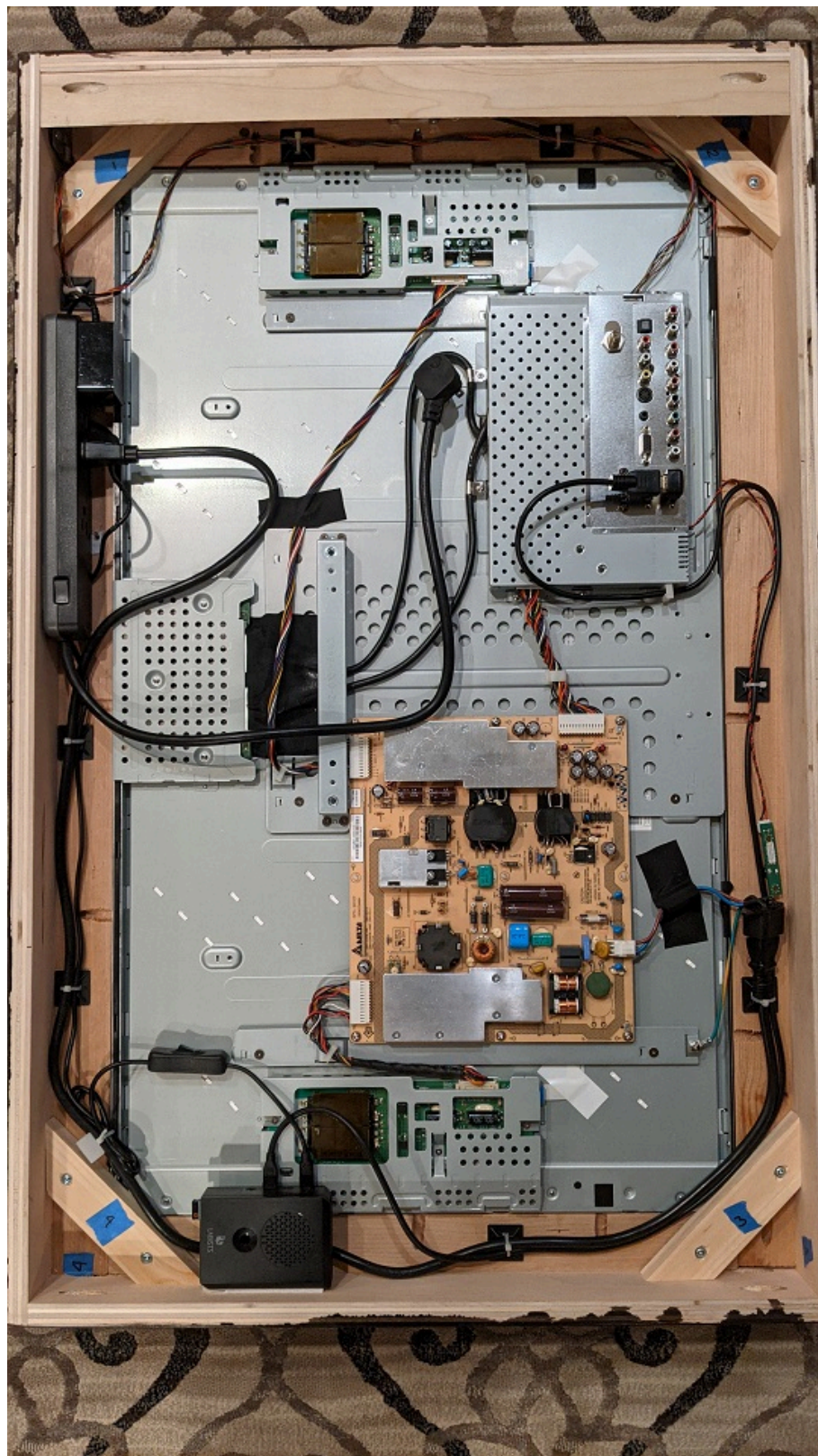


















## Misc Raspberry Pi OS Steps

Full Buster / Raspberry OS Upgrade:

```
sudo apt update
sudo apt full-upgrade
sudo reboot
```

## Disable Screen Blanking:

Click on the Raspberry Pi (Menu) icon. Select Preferences, Raspberry Pi Configuration, and then the Display tab. Choose Disable next to Screen Blanking.

## Enable SSH:

Click on the Raspberry Pi (Menu) icon. Select Preferences, Raspberry Pi Configuration, and then the Interfaces tab. Choose Enable next to SSH.

## Rotate Screen:

Click on the Raspberry Pi (Menu) icon. Select Preferences, and Screen Configuration. Right click on the screen you want to rotate and select orientation.

# Chromium Kiosk Mode on Startup

## Raspbian Buster / Raspberry OS:

With Raspbian Buster / Raspberry OS I was not able to use the .desktop file method to auto start Chromium. Instead I had to create a directory and file. I am not sure if this method needs unclutter installed so I left it in the instructions.

```
sudo nano /etc/xdg/lxsession/LXDE-pi/autostart

- Add the following
/usr/bin/chromium-browser --kiosk --disable-restore-session-state
http://[PMPD IP Address]/index.php

-Save File
CTRL + O to write changes
CTRL + X to exit

-Reboot to Test
```

Work in progress...

# Raspberry Pi Boot Config Settings

( Use at your own risk )

```
sudo nano /boot/config.txt
```

```
-Remove black border from around screen. Uncomment  
disable_overscan=1
```

```
- Rotate Screen 90 Degrees (May NOT work. Use instructions above  
instead)  
display_rotate=1
```

```
- Remove Raspberry Pi Power Warning  
avoid_warnings=2
```

```
- Fix color depth on Raspberry Pi  
framebuffer_depth=32  
framebuffer_ignore_alpha=1
```

## 48 Replies to “Plex Movie Poster Display v3”



Nederlander

January 21, 2021 at 3:44 pm

Everything about V3 has been straight forward and awesome thus far. I've got it working on a pi w and it works great.

Suggestion:

I know people suggested this in v2 – video and audio stats in the “bottom” sections for coming soon and now playing would be cool.

By the way, I am very much a beginner at these sorts of projects, your instructions were clear and concise. Looking forward to v4 and beyond!

REPLY



Matt

January 21, 2021 at 3:58 pm

Thank you for the feedback. 😊

Video and audio stats in the “bottom” sections is already in the works... my goal is to have it complete for the final v3 release.

-Matt

REPLY



Nederlander

February 3, 2021 at 11:58 am

Love it, keep up the awesome work!

REPLY



Chuk

February 22, 2021 at 7:37 pm

Thank you for the instructions about moving over to this dev branch, Matt. I ended up wiping the SD card for the Pi and starting fresh, just in case.

I've followed the instructions here and although I can access the new (and very cool looking) Plex-themed configuration page, I'm left with a blank black screen on the Pi. I navigated to /var/www/html and ran `php -f getData.php`. This is what I got, seems like there are permissions issues:

```
pi@raspberrypi:/var/www/html $ php -f getData.php
```

PHP Warning:

```
include(/assets/plexmovieposter/tools.php): failed to
open stream: No such file or directory in
/var/www/html/getPoster.php on line 3
```

```
PHP Warning: include(): Failed opening
'assets/plexmovieposter/tools.php' for inclusion
(include_path='.:usr/share/php') in
/var/www/html/getPoster.php on line 3
```

```
PHP Warning: mkdir(): Permission denied in
/var/www/html/assets/plexmovieposter/CacheLib.php
```



on line 28

PHP Warning:

file\_put\_contents(.././cache/logs/PMPD\_Log\_getMediaU  
RL.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on

line 38

PHP Notice: Undefined variable: comingSoonTop in

/var/www/html/assets/plexmovieposter/PlexLib.php on

line 285

PHP Warning: mkdir(): Permission denied in

/var/www/html/assets/plexmovieposter/CacheLib.php

on line 28

PHP Warning:

file\_put\_contents(.././cache/logs/PMPD\_Log\_getMediaU  
RL.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on

line 38

PHP Warning: mkdir(): Permission denied in

/var/www/html/assets/plexmovieposter/CacheLib.php

on line 28

PHP Warning:

file\_put\_contents(.././cache/logs/PMPD\_Log\_getMediaU  
RL.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on

line 38

PHP Warning: mkdir(): Permission denied in

/var/www/html/assets/plexmovieposter/CacheLib.php

on line 28

PHP Warning:

file\_put\_contents(.././cache/logs/PMPD\_Log\_getMediaU  
RL.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on

line 38

PHP Warning: mkdir(): Permission denied in

/var/www/html/assets/plexmovieposter/CacheLib.php

on line 28

PHP Warning:

file\_put\_contents(.././cache/logs/PMPD\_Log\_getMediaU  
RL.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on

line 38

PHP Warning: mkdir(): Permission denied in  
/var/www/html/assets/plexmovieposter/CacheLib.php  
on line 28

PHP Warning:

file\_put\_contents(../..cache/logs/PMPD\_Log\_getMediaU  
RL.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on  
line 38

PHP Warning: mkdir(): Permission denied in  
/var/www/html/assets/plexmovieposter/CacheLib.php  
on line 28

PHP Warning:

file\_put\_contents(../..cache/logs/PMPD\_Log\_getMediaU  
RL.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on  
line 38

PHP Warning: mkdir(): Permission denied in  
/var/www/html/assets/plexmovieposter/CacheLib.php  
on line 28

PHP Warning:

file\_put\_contents(../..cache/logs/PMPD\_Log\_getMediaU  
RL.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on  
line 38

PHP Warning: mkdir(): Permission denied in  
/var/www/html/assets/plexmovieposter/CacheLib.php  
on line 28

PHP Warning:

file\_put\_contents(../..cache/logs/PMPD\_Log\_getMediaU  
RL.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on  
line 38

PHP Warning: mkdir(): Permission denied in  
/var/www/html/assets/plexmovieposter/CacheLib.php  
on line 28

PHP Warning:

file\_put\_contents(../..cache/logs/PMPD\_Log\_getMediaU  
RL.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on

line 38

PHP Warning: mkdir(): Permission denied in  
/var/www/html/assets/plexmovieposter/CacheLib.php  
on line 28

PHP Warning:

file\_put\_contents(../..cache/logs/PMPD\_Log\_getMovieD  
ata.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on  
line 38

PHP Warning: mkdir(): Permission denied in  
/var/www/html/assets/plexmovieposter/CacheLib.php  
on line 28

PHP Warning:

file\_put\_contents(../..cache/logs/PMPD\_Log\_getMovieD  
ata.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on  
line 38

PHP Warning: mkdir(): Permission denied in  
/var/www/html/assets/plexmovieposter/CacheLib.php  
on line 28

PHP Warning:

file\_put\_contents(../..cache/logs/PMPD\_Log\_getMovieD  
ata.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on  
line 38

PHP Warning: mkdir(): Permission denied in  
/var/www/html/assets/plexmovieposter/CacheLib.php  
on line 28

PHP Warning:

file\_put\_contents(../..cache/logs/PMPD\_Log\_getMovieD  
ata.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on  
line 38

PHP Warning: mkdir(): Permission denied in  
/var/www/html/assets/plexmovieposter/CacheLib.php  
on line 28

PHP Warning:

file\_put\_contents(../..cache/logs/PMPD\_Log\_getMovieD  
ata.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on

line 38

PHP Warning: array\_rand(): Array is empty in

/var/www/html/getData.php on line 288

PHP Notice: Undefined index: in

/var/www/html/getData.php on line 289

PHP Warning: mkdir(): Permission denied in

/var/www/html/assets/plexmovieposter/CacheLib.php  
on line 28

PHP Warning:

file\_put\_contents(../cache/logs/PMPD\_Log\_getMediaU  
RL.txt): failed to open stream: No such file or directory in  
/var/www/html/assets/plexmovieposter/tools.php on  
line 38

PHP Warning: mkdir(): Permission denied in

/var/www/html/assets/plexmovieposter/CacheLib.php  
on line 28

PHP Notice: getimagesizefromstring(): Read error! in

/var/www/html/getPoster.php on line 37

Invalid Image

REPLY



Chuk

March 15, 2021 at 7:29 pm

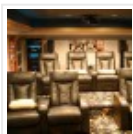
Hey there Matt,

Just wondering if you had any insight to share about this  
post.

Thanks in advance,

Chuk

REPLY



JohnEsc

March 4, 2021 at 12:20 pm

I finally ordered a new Pi4 with 8GB ram, case fan and a  
64 GB SD card specifically for PMPD and with it I wanted  
to test out the Dev branch updates of PMPD. My old Pi3  
was always suffering from 100% swap memory and slow  
WiFi issues. The new setup and installation went very

well yesterday especially since I'm very familiar with using PMPD since January 2017! I know some aesthetic changes are still being made and there were a few new options for me to get used to or learn about but WOW... Music, TV Shows, SSL, font imports... Impressive! Truly appreciate the time that goes into a project like this. Kudos and thank you!

REPLY



thecodingart

May 29, 2021 at 5:51 pm

Would definitely love to see a few Apple like gaussian blur capabilities to fix the font/text to poster contrast ratio going on. Any similar techniques to what Apple/Plex/Infuse currently use to resolve these issues would be greatly welcomed.

REPLY



Nick

June 3, 2021 at 9:03 am

Hey Matt,

I followed step by step and when I got up to the part 'Installing PMPD' I was not sure what the last part of each install meant: – You can replace index.php used for in the testing above

What am I replacing it with and where exactly? Sorry if this is a noob question.

I ignored that part and continued on. I tried launching <http://settings/login.php> on the web browser and ended up with a 404 Not Found page

REPLY



Matt

June 3, 2021 at 9:59 am

In the instruction you were asked modified the default nginx installed index.php to test that your

PHP installation is working correctly. After cloning the DEV branch you will then overwrite that index.php file with the one from the Github repo.

You will need to go to <http://settings/login.php> to access the login / settings pages (only if you are using the DEV branch). I am going to remove the 'Clone Master Branch (v2)' section so it is not so confusing. The instruction on this page are about the DEV branch (future v3 release)... not the older Master branch (older v2 release).

I do recommend you run the DEV branch.  
ZeroCoolGOS has really fixed / added a lot of good features.

-Matt

REPLY



**Nick**

June 3, 2021 at 10:37 am

Thank you for the prompt reply! I was able to get it sorted it out now. Appreciate the help!

REPLY



**Nick**

June 3, 2021 at 10:10 am

Hi,

What does – 'You can replace index.php used for in the testing above' mean exactly? Where am I replacing this and replacing it with what? Sorry confused on this bit when going through the install PMPD steps.

REPLY



**Nick**

June 3, 2021 at 10:11 am



Sorry for the double post, not sure why my comment disappeared and reappeared after I posted this.

REPLY



**1up**

August 26, 2021 at 8:49 pm

Use the instructions from V2

“Setup PHP with NGINX

cd /etc/nginx

sudo nano sites-enabled/default

– Add index.php to line with index index.html index.htm  
index.nginx-debian.html;

(Around line 44)”

REPLY



**Matt**

August 27, 2021 at 10:42 pm

In the “Setup PHP information file” step the instructions have you moving the index.nginx-debian.html file to index.php (basically renaming the file). We then use that index.php to test PHP.

Once the PHP test is complete, that index.php file is no longer needed and can be / should be replaced by the index.php from the PMPD installation.

I hope that is clearer 😊

-Matt

REPLY



**James VanDusen**

July 2, 2021 at 6:47 am

Matt – I have been using your v2 for sometime now... but I also have a way currently with my home assistant to see upcoming TV show downloads and such... is there a way you could allow me to point to a URL to display in the rotation (the URL will have the Columns showing the

## Upcoming TV programs, Upcoming Movies and Recently Downloaded from SONARR or RADARR

REPLY



**Dan**

July 22, 2021 at 9:06 pm

qq for you I am running v3 "now showing" works great. However, I get nothing after I stop the movie for "coming soon". It just shows the title of the last movie I played with a blank screen.

REPLY



**Matt**

July 23, 2021 at 5:37 pm

Do you have cache images enabled? If so, please try disabling it. Do you see any errors if you run the scripts from cli?

-Matt

REPLY



**Dan**

July 24, 2021 at 12:00 am

I disabled cache it didnt help. I see the following errors

PHP Warning:

include(/assets/plexmovieposter/tools.php): failed to open stream: No such file or directory in /var/www/html/assets/plexmovieposter/getPoster.php on line 3

PHP Warning: include(): Failed opening

'/assets/plexmovieposter/tools.php' for inclusion (include\_path='.:usr/share/php') in

/var/www/html/assets/plexmovieposter/getPoster.php on line 3

PHP Warning:

file\_get\_contents(<http://192.168.1.52:32400/libr>

```
ary/sections/source=1/recentlyAdded?X-Plex-
Token=8hhxGsnDzeCDyEgptMvh): failed to open
stream: HTTP request failed! HTTP/1.1 404 Not
Found
in
/var/www/html/assets/plexmovieposter/PlexLib.
php on line 903
Creating: cache/posters/ Debug
(GeneralCache_Prep): cache/posters/ Creating:
cache/art/ Debug (GeneralCache_Prep):
cache/art/ Creating: cache/custom/ Debug
(GeneralCache_Prep): cache/custom/ Creating:
cache/fonts/ Debug (GeneralCache_Prep):
cache/fonts/ Creating: cache/logs/ Debug
(GeneralCache_Prep): cache/logs/ feed not
loadingpi@NowPlaying1:/var/www/html $ cd
assets
```

REPLY



**Dan**

July 24, 2021 at 1:11 am

i figured it out.

Plex Movie Section i had "source = 1", it needed to be "1"

REPLY



**Thomas Newell**

August 22, 2021 at 5:07 pm

Great work Matt!

I was using another software that did the same, but kept crashing when the poster cache would not clear. I've had no problem with that using yours. I even added my custom header and footers to the HTML/CSS.

Screenshots are here:

<https://uwpltd.com/1.jpg>

<https://uwpltd.com/2.jpg>

<https://uwpltd.com/3.jpg>

REPLY



**Matt**

August 22, 2021 at 5:17 pm

Thank you for the feedback. Your custom HTML/CSS looks great.

-Matt

REPLY



**Blake**

September 2, 2021 at 11:28 am

Hi Matt, love this project and have it installed and running, but am having trouble getting my second monitor to work. I have added in display settings, and even tried in web view settings, but when I hit save, it reverts back to one screen.

REPLY



**Matt**

September 3, 2021 at 10:54 am

Sorry, I am not sure about the dual monitor setup. My setup is connected to a flat screen tv mounted in a home made poster frame. Maybe someone else here has experience with a dual screen setup and can help.

-Matt

REPLY



**Andrew**

September 16, 2021 at 3:13 am

Hey Matt,

Just wanted to say awesome update! I've had the V2 for a long while now and this is a massive improvement to something that was already awesome!

I was wondering if there were a way to set how recent the Show Media: Recently Added option could be set to? (as in an additional box to select Added Within: then set a date, or select amount of days/weeks.)

Thanks again for the updated version!  
-Andrew

REPLY



Matt

September 16, 2021 at 9:07 pm

Thank you for the feedback. Most of the credit goes to ZeroCoolGOS for all their updates.

As far as the Recently Added within a date range... I am not sure that is possible. The PMPD script simply queries Plex for the recently added media and it returns the result(s). I am not sure there is an option within Plex to return media only within a date range. I am working on a few more small updates and will add this to my list to look at once complete.

-Matt

REPLY



Andrew

September 17, 2021 at 9:24 am

Ah that's fair enough, I just assumed there might be something in there seems you can sort the movie (or TV) libraries By Date Added

Still super happy about the new update, especially love the "Presented In" graphics!

REPLY

**Blake**

September 21, 2021 at 6:00 pm

Set this up yesterday. Fantastic stuff, well done! I am getting the wrong audio data with the "Presented Info" it always shows 2.0 Stereo despite being played in 5.1 or 7.1 (verified by Tautulli). Any ideas where to look?

REPLY

**Jan**

October 4, 2021 at 3:13 pm

Can this also be used just to show (animated) movie posters from the SD card or a server address?

REPLY

**Matt**

January 1, 2022 at 6:00 pm

I have not tried animated movie posters. Sorry.

REPLY

**Terrell**

December 2, 2021 at 7:35 pm

Hello i ran into an issue that i can't figure out since i only use my pi as plex client i came across your Movie poster page i decided to give a shot by the way I'm not really familiar with Linux, it took me hours for me to the login part, but im having an issue with the chromium auto start to my Pmp display i followed the instructions it opens in full screen but goes to raspberry home page I had to manually input Ip address in the browser settings what I'm missing /usr/bin/chromium-browser -kiosk -disable-restore-session-state http:// [PMPD 000.000.0.00/index.php zero's is where I input Ip address and the other issue is when the current movie) it doesn't rotate different posters



REPLY



Avmike

December 7, 2021 at 7:04 pm

Great project. Can you share more about your hardware build? TV used, etc. Thanks.

REPLY



Matt

January 1, 2022 at 6:03 pm

The TV I am using is an old 1080p Vizio TV. Sorry I am not sure the model number, etc. The speakers were not work and the tuner was not working, so I thought it was a good fit for the project.

The Pi is a Raspberry Pi 4 2GB version running on an SD Card.

REPLY



Kuong

March 2, 2022 at 5:27 pm

What is the potentiometer that is in the movie display box in your photos used for? Are you using it to control volume? If so, what are you playing through the speakers as it does not seem like the movie poster display software plays any sounds.

REPLY



Matt

March 2, 2022 at 10:14 pm

It is simply the power button / volume control / menu control that was part of the original TV. I removed all the casing of the TV and put a wood cap (made from a large dowel rod) on the potentiometer to match the wood frame.

The speakers are removed from TV and you are correct, PMPD does not support sound.

REPLY

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**Kuong**

March 7, 2022 at 1:06 pm

Thanks, that makes sense!



**Terrell Davis**

December 8, 2021 at 4:25 pm

Thanks Matt works great only issue i have is after a while chrome pops up with an Aw Snap error 9 is there a work around to this that I can add I'm more windows guy, so this is new to me dealing with pi Os

REPLY

---



**Matt**

January 1, 2022 at 6:05 pm

Humm I am not sure... Sorry I have not seen this error. Are you sure the Chromium Kiosk Mode URL is set correctly?

REPLY

---



**Matt P**

December 31, 2021 at 2:30 am

Has PHP version 7.4 been tested? I'm not getting anywhere with this. Just spent all day playing with this and have not been able to get it to work. I'll reformat and try again tomorrow. I'm guessing it's due to removing index.nginx-debian.html. I get "No such file or directory. Is this a dead thread now?

REPLY

---



**Matt**

January 1, 2022 at 6:11 pm

I am currently running PHP 7.3.29-1. Please let me know how it works after you reformat. Also be sure to follow all the steps. You should end up with a new index.php file that will load after editing the sites-enabled/default file.

REPLY



**Matt P**

January 2, 2022 at 8:36 pm

Thank you for responding. First let me say I'm enjoying this project so much. I am new to Linux and have learned a lot from this project. I have got to a black screen when I load it, which is a good sign. When I look in the poster cache I see 0. I think I'm not clear as to how to setup the configurations. I have set the IP Service as the IP of the server. The Plex token is the servers token correct? I have set the client IP as a laptop that has Plex play near me. Plex movie section is 1 (which is the source number that was listed when I looked.). I should state I do have PHP v 8.0. I am able to log into Movie Poster Display just fine. Again, thank you for responding back, I appreciate it. I'm hoping I'm so close to getting it to work.

REPLY



**Matt P**

January 12, 2022 at 11:41 pm

Started fresh and followed instructions. Turned out perfect. Thank you for this. It is amazing!!!

REPLY



**George Webb**

January 6, 2022 at 9:55 am

Hi Matt,

Thanks for the awesome PMPD and all the work you have put into this, I was able to get v3 working with little issues. I have a request regarding the custom configuration, can it be combined with coming soon? I use custom to display a movie poster and the time it will be showing but once enabled PMPD will only show the custom item, it would be cool if you could have the option to combine the custom and coming soon, maybe even the option to choose how many coming soon's to display then display the custom.

Thanks,  
Geo Webb

REPLY



**Ashton**

June 12, 2022 at 7:18 pm

Are you still working on this? I have several suggestions



REPLY



**DickWhit**

June 20, 2022 at 4:19 pm

Hi Matt,

Thanks for this, its awesome!!! Quick question, I've uploaded a custom image but once you enable custom image then the movie posters don't show until I disable it and save changes. Is that how it's designed? I was thinking about having a default image that the poster would default back to once you stop playing a film.

REPLY



**John**

September 27, 2022 at 5:55 pm

Moderator, please delete my previous set of 4 questions from today. Everything seems to be working fine and running the poster is now populating the cache as it runs. Sorry for the trouble, and thank you, John

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REPLY



**Matt**

September 29, 2022 at 1:53 pm

Sorry for the late reply. Glad everything is working for you :).

REPLY

---



**Bryan**

September 29, 2022 at 1:43 pm

Thank you, Matt, this is great!

One thing that seems to be not working for me is the font size setting for "Now Playing", the upper text field. I set it initially to something bigger (e.g. 80 pt) and now it seems to be stuck with that setting. I can change the content of the text field, which updates, but a smaller font size number is now ignored. I've tried restarting, no effect. Any ideas?

REPLY

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**Matt**

September 29, 2022 at 1:58 pm

You might look at the config.php file. All the setting (IE fonts sizes, colors, etc.) are stored there. The default values should also be listed in the file next the variables, however you can also check them out on the GitHub page [here](#) .

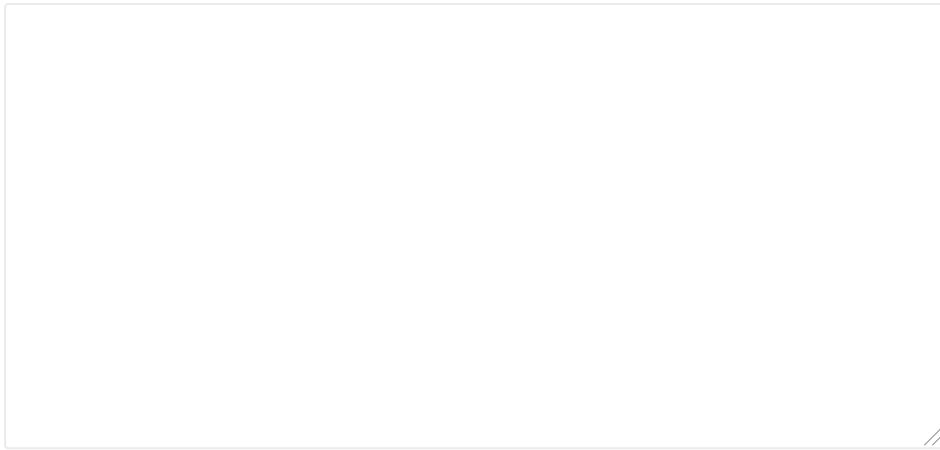
REPLY

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Plex Movie Poster Display V2



Plex Movie Poster Display v3



3D Printed R2-D2 Build



## New Plex Movie Poster Display Page and Release



JellyPoster for Jellyfin



### About:

I am a Sr. Network Engineer working for a retailer.

### Currently Working On:

Few projects using Raspberry Pi.

3D Printing

Learning Python.

Building an R2D2 Astromech.

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