

LightShowPi show manager

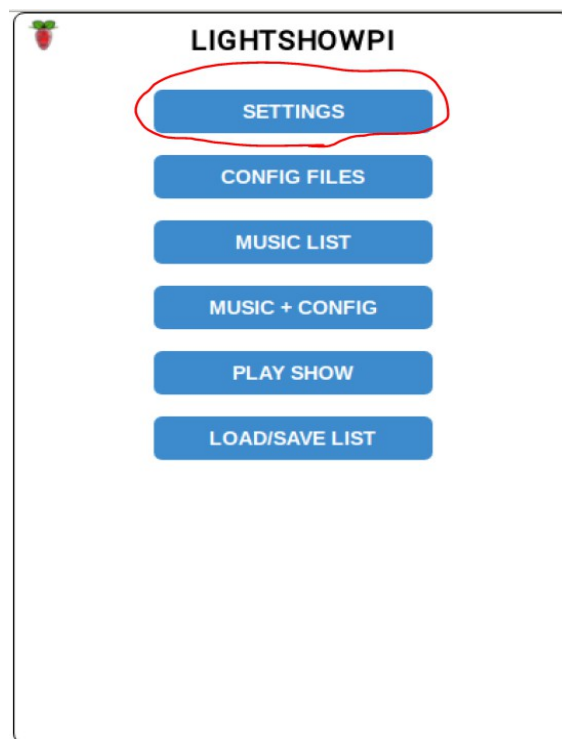
Requirements:

- REMI: Python REMote Interface library.
 - <https://github.com/dddomodossola/remi>
 - pip install git+https://github.com/dddomodossola/remi.git

Please, check the MANUAL before follow these steps. There you can find important information about “overrides.cfg” files.

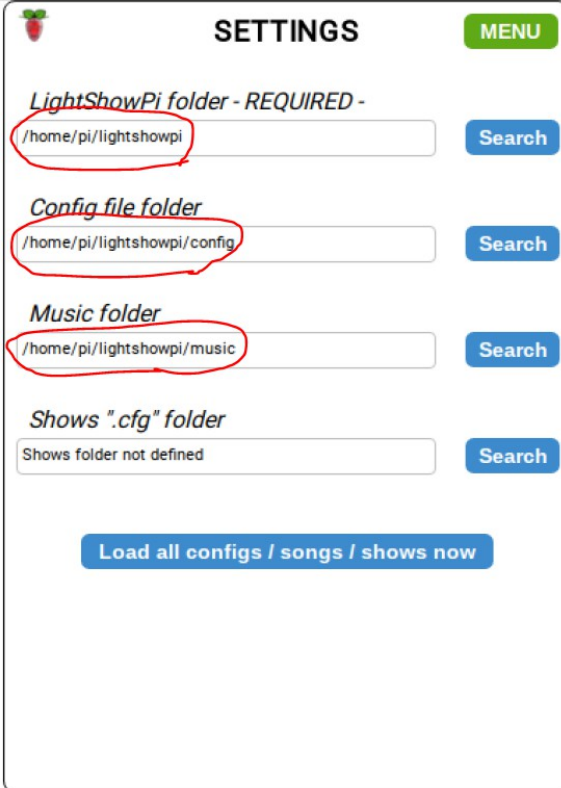
This is a simple step-by-step to show you how to use the program. I'd like to have feedback from anybody that use it, to help me to complete it in the best way.

Step-by-step screen shots to start to use LightShowPi show manager:



Main page, start pressing SETTINGS

Settings page:



SETTINGS MENU

LightShowPi folder - REQUIRED -
 Search

Config file folder
 Search

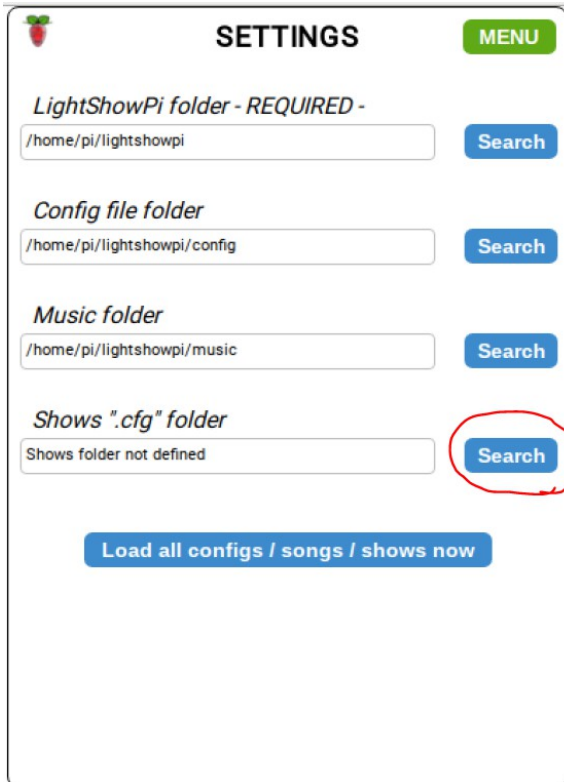
Music folder
 Search

Shows ".cfg" folder
 Search

Load all configs / songs / shows now

If LightShowPi is installed in the default folder the first three fields will be populated automatically. Maybe, you want to change the config folder or the music folder to point to the right one. The LIGHTSHOWPI folder must be defined otherwise the app won't start to play anything. See manual for more information about Config and Music folder use.

Settings page:



SETTINGS MENU

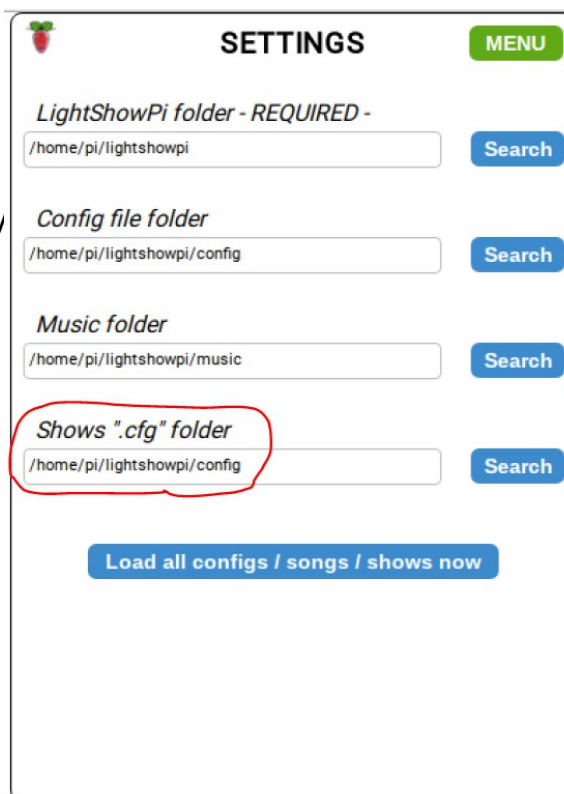
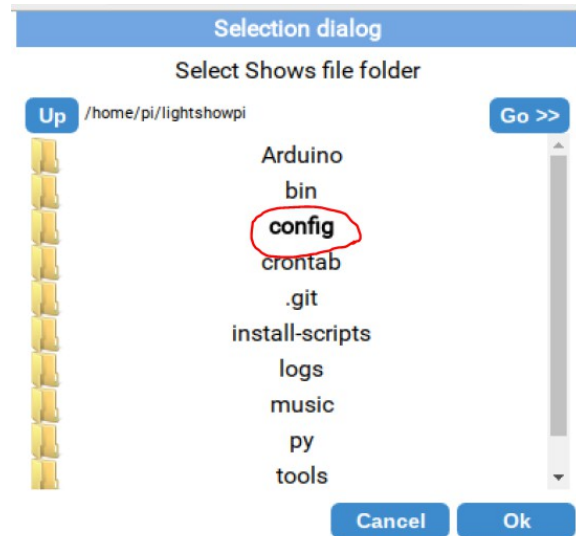
LightShowPi folder - REQUIRED -
/home/pi/lightshowpi Search

Config file folder
/home/pi/lightshowpi/config Search

Music folder
/home/pi/lightshowpi/music Search

Shows ".cfg" folder
Shows folder not defined Search

Load all configs / songs / shows now



SETTINGS MENU

LightShowPi folder - REQUIRED -
/home/pi/lightshowpi Search

Config file folder
/home/pi/lightshowpi/config Search

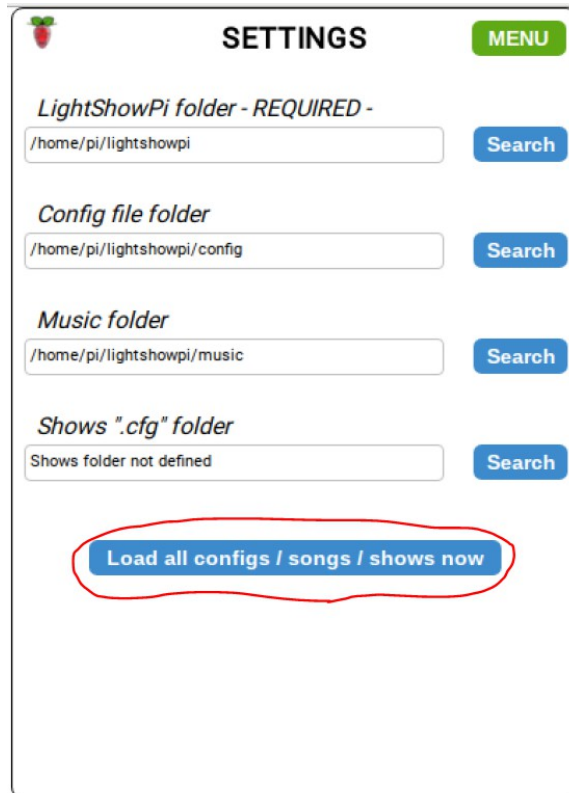
Music folder
/home/pi/lightshowpi/music Search

Shows ".cfg" folder
/home/pi/lightshowpi/config Search

Load all configs / songs / shows now

In this case I added the folder of my shows. My shows are in the same folder of config files: home/pi/lightshowpi/config.

Settings page:



SETTINGS MENU

LightShowPi folder - REQUIRED -
/home/pi/lightshowpi Search

Config file folder
/home/pi/lightshowpi/config Search

Music folder
/home/pi/lightshowpi/music Search

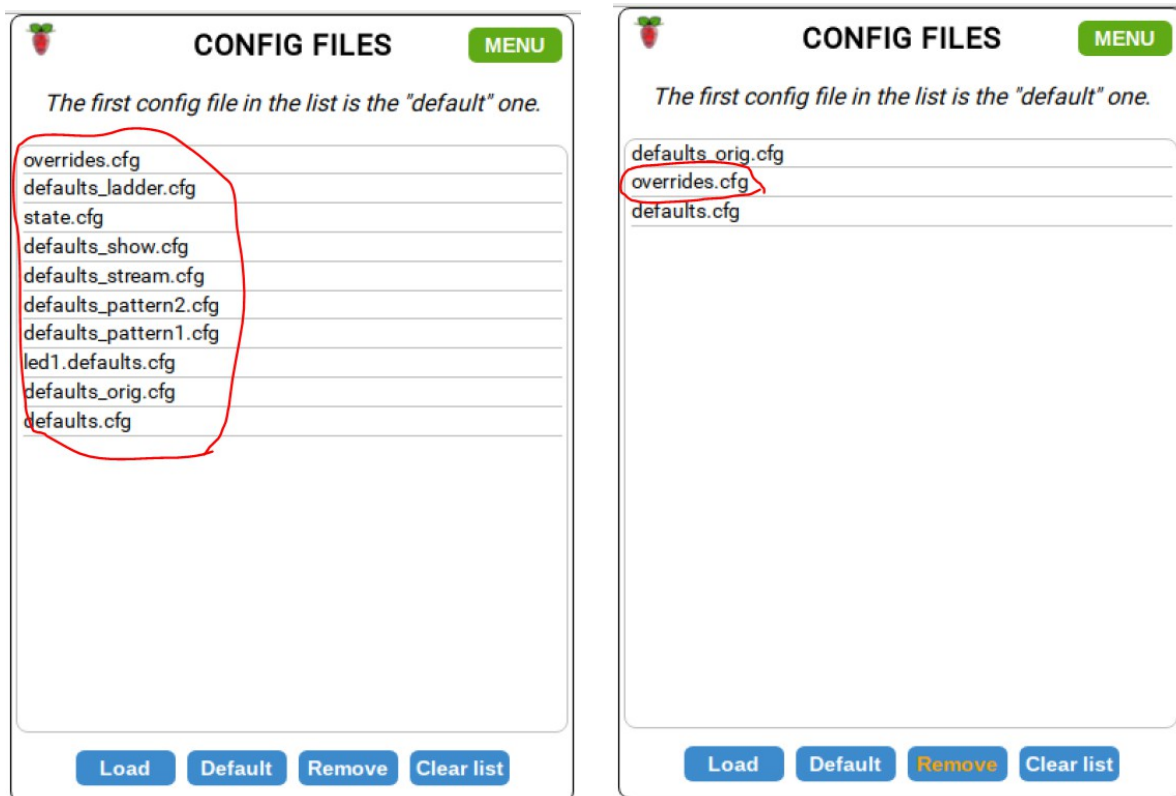
Shows ".cfg" folder
Shows folder not defined Search

Load all configs / songs / shows now

When the folders you want to use are defined you can press “Load all configs / songs / shows now”. This will load all the various config files, music files (all files that LightShowPi supports) and Shows from the specified folders. This step is not necessary, you can add later every single file on their page, but is useful if you have a lot of files in the same folder and you want to load all of them with one click. Now we can press “MENU” on top and go back to the main page.

Config files page:

from the main menu you can select “Config files” to start to work on your configuration files.



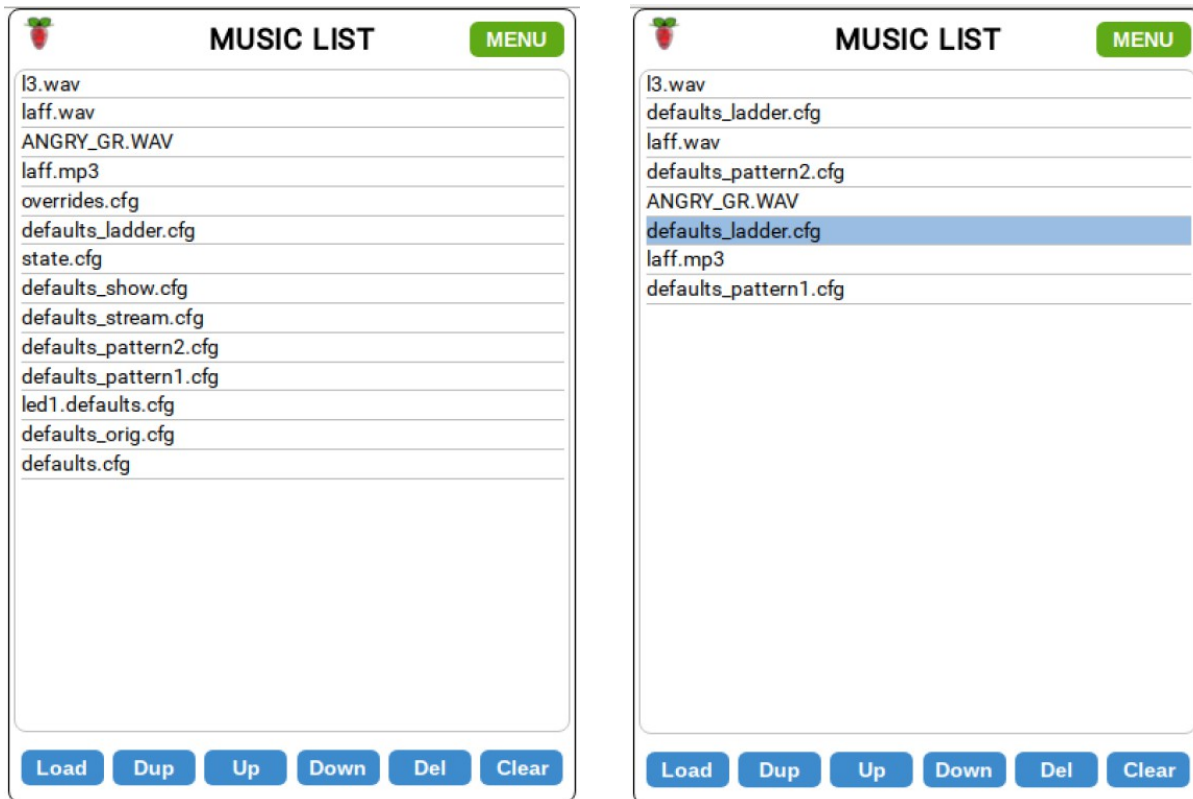
In my case, because I've in the same folder the config files and the show files (the show files are normal config files with a “preshow” or a “.py preshow” active), there is a bit of confusion in the list. So, I defined the “default-orig.cfg” as my default config file (select file and press Default button) and then “Remove” all other files. In this case I remained with three config files to assign to my songs. But, there is a mistake here. My app automatically write over the “overrides.cfg” files so we cannot use the “overrides.cfg” as a config file. (Really we cannot use the /lightshowpi/config/overrides.cfg files, but we can use any other overrides.cfg file saved somewhere else).

If you don't have any special config files and you want to use the “default.cfg” file (be careful here, the “default.cfg” file and not your “overrides.cfg” file) you can Clear the list and the app automatically will use the “default.cfg” files. I'll show you this later.

Now we can press “MENU” on top and go back to the main page.

Music list page:

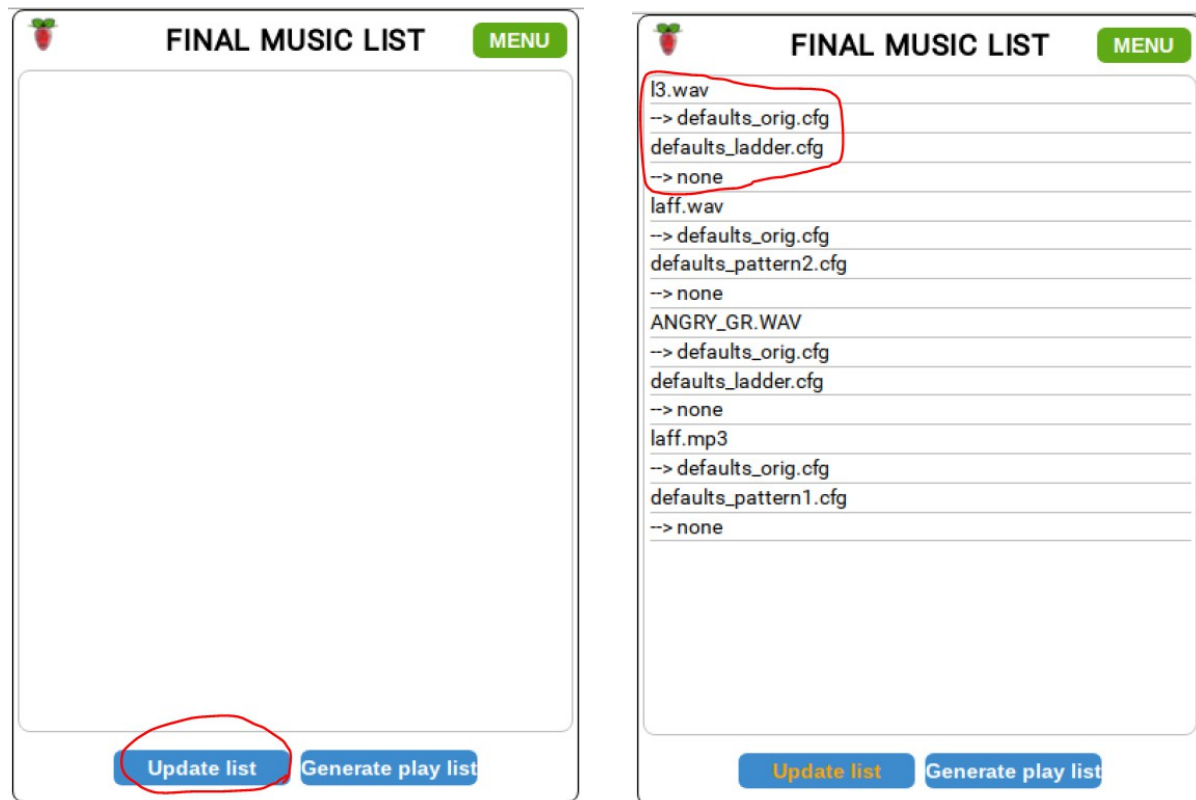
from the main menu you can select “Music list” to start to work on your music files.



As you can see in the left picture my list is a bit of a mess and this because I have the config files and the show files in the same folder; they have the same extension and the app doesn't know who is what (remember that I've loaded all the shows from the Config page, so the app loaded any “.cfg” files from the folder I've selected). So, I started to clean it up and “Del” all the non necessary files. Then I wanted arrange the list in a way that each song is followed by a show, as you can see on the right picture. In this list you can duplicate what you want. In my case I was short of one show so I've “Dup” the “default_ladder.cfg” and used it twice. This is the list of songs and shows for the final show; the show will follow this order. You can move “Up” and “Down” each file and create your list. You can “Del” files and “Clear” completely the list if you want to start something new.

Now we can press “MENU” on top and go back to the main page.

Music + Config page:
from the main menu you can select “Music + Config” to start to work on your final music list.



The Music + Config page is not updated automatically. When you are ready with your “config” and “music” pages you can update the final list here. When you press the “Update list” button the app automatically generate a new list where it assigns to each song the default config file (if you remember in our case my default file is “default_orig.cfg”) and “none” to each shows (the shows don't need a config file, they are the config file). In this page you cannot move or add or delete anything, you have to do that in the Music page. The only thing that you can do is to assign a different config file to the songs.

See next page.

Music + Config page:

Filename	Config File
l3.wav	-> defaults_orig.cfg
defaults_ladder.cfg	-> none
laff.wav	-> defaults_orig.cfg
defaults_pattern2.cfg	-> none
ANGRY_GR.WAV	-> defaults_orig.cfg
defaults_ladder.cfg	-> none
laff.mp3	-> defaults_orig.cfg
defaults_pattern1.cfg	-> none

Select the Config file for:

l3.wav

- defaults_orig.cfg
- defaults.cfg

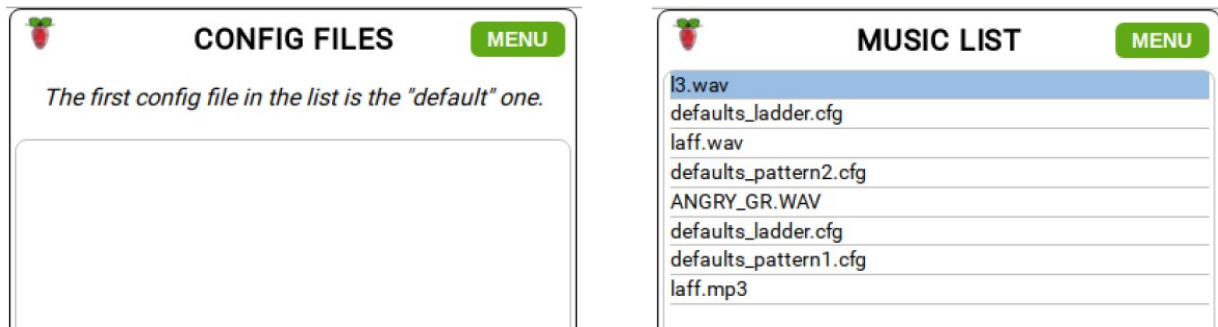
Filename	Config File
l3.wav	-> defaults.cfg
defaults_ladder.cfg	-> none
laff.wav	-> defaults_orig.cfg
defaults_pattern2.cfg	-> none
ANGRY_GR.WAV	-> defaults_orig.cfg
defaults_ladder.cfg	-> none
laff.mp3	-> defaults_orig.cfg
defaults_pattern1.cfg	-> none

In this case I've selected "l3.wav" file. The app opens a new window where you can see the name of the file selected, "l3.wav" in this case, and the list of all the config files available (from Config page). I selected "default.cfg" and in the picture on the left you can see that now, to l3.wav is assigned the new config file.

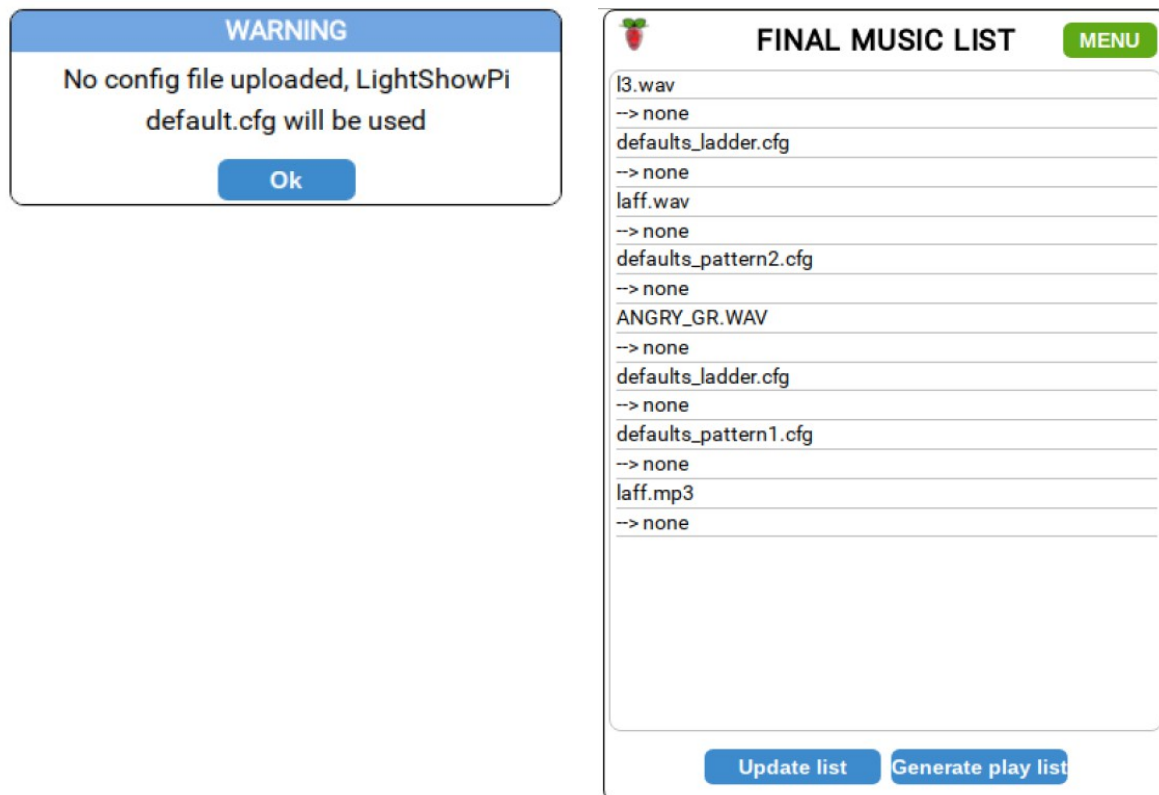
When you are happy with your list you can "Generate play list". The app will create a new list, that is independent from this one, and that you can play in the "Play show" page. I made this list independent because at this point you can run the show and at the same time continue to work on your list (maybe it's not necessary but was easier to manage in this way :-)).

Now we can press "MENU" on top and go back to the main page.

Music + Config page – second example without config file:
as I said before, you can create a list without have defined a config file.

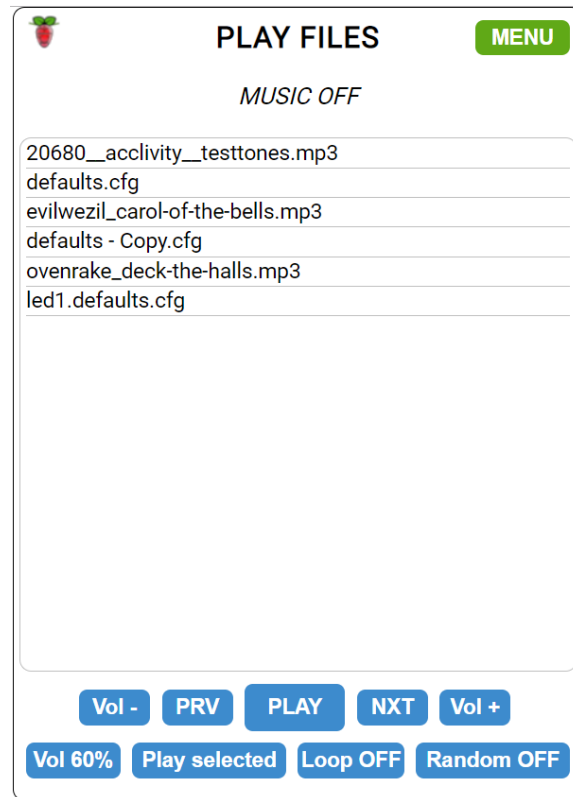


Here we have an empty config list and a full song lists.



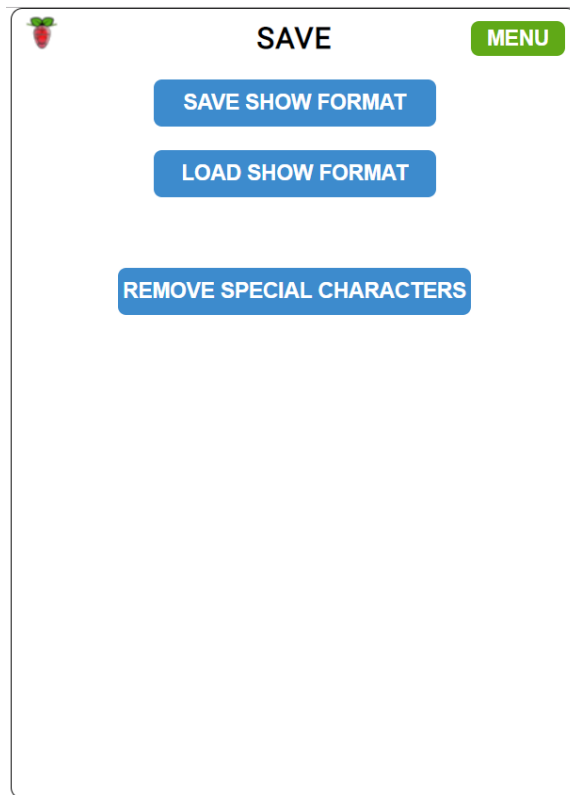
When we "Update list" in the "Music + config" page the app generates a warning that advise us that there is no config file available and that it will use the LightShowPi "default.cfg" one. In the final window you can see that also the songs have a "none" assigned as config file.

Play show page:
from the main menu you can select “Play show” to play your show.



From this page you can control the show.

Load/save list page:



From this page is possible save and load the show.

It's also possible modify the song names removing special characters that don't allow a song to start.