

# Moode Audio player Installation & Basic Configuration

**Allo Transport** : USBridgeSig  
**Audio DAC** : USB DAC plug on usb host ports of USBridgeSig  
**OS Image** : Moode audio

Allo shipping SD cards preloaded with OS and all required drivers.

## **Open Web GUI on browser :**

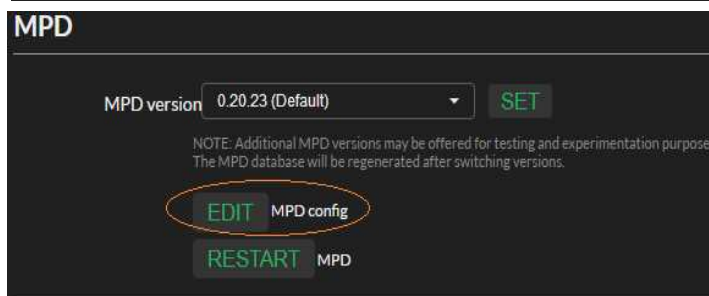
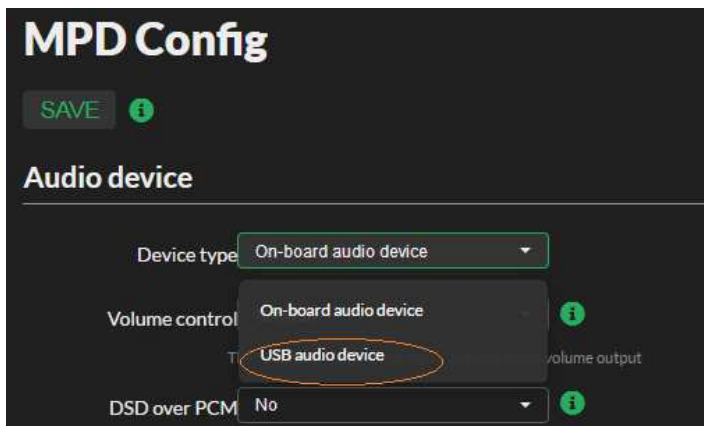
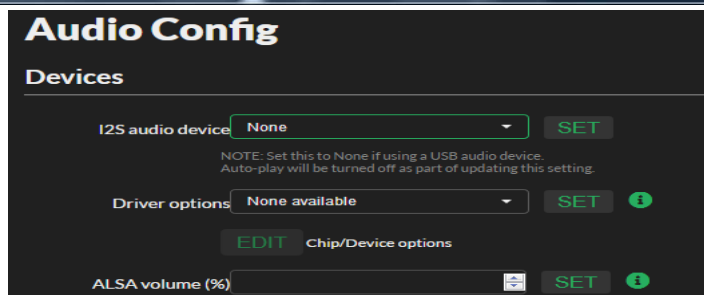
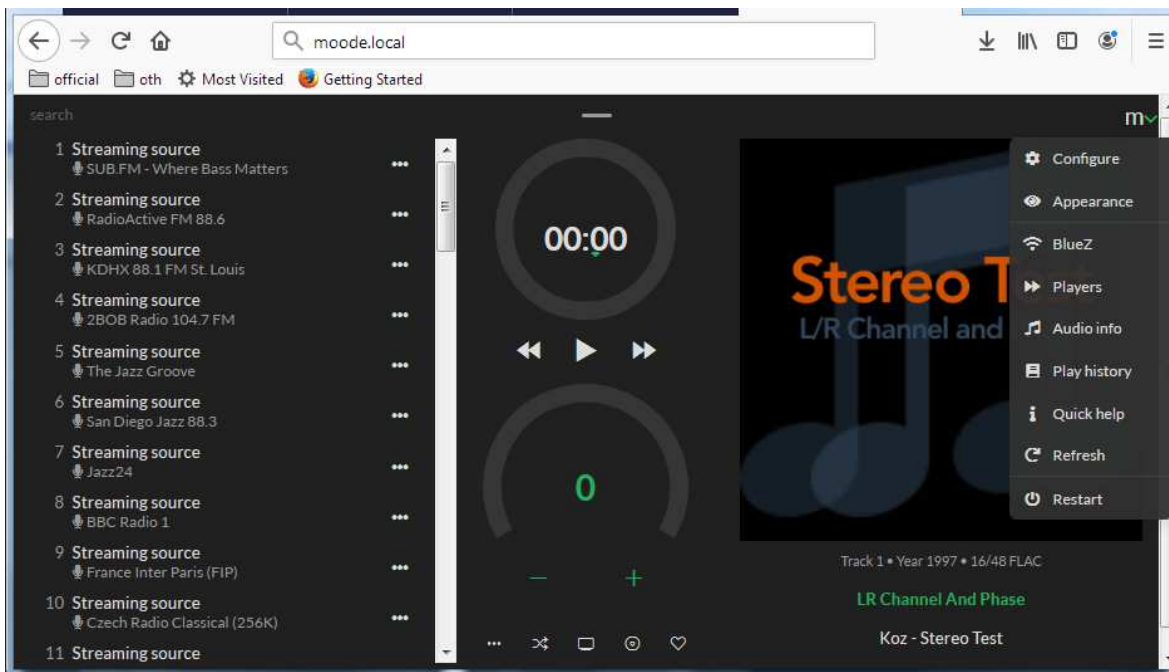
Use <http://moode>, [moode.local](http://moode.local) or IP address, whichever works on your network. Typically, Android OS will only work with IP address.

### **1 Initial setup**

- a) Insert boot SD card
- b) Connect USB Audio Device
- c) Connect USB storage devices
  - **Ethernet mod**
  - a) Insert ethernet cable
  - b) Power on
  - c) <http://moode>
  - **Access Point (AP) mode (with USB WiFi Adaptor)**
  - a) Insert WiFi adapter that supports AP mode
  - b) Power on
  - c) Join network SSID=Moode, pwd=moodeaudio
  - d) <http://moode.local> (or <http://172.24.1.1>)

### **2. AUDIO DEVICE SETUP**

- USB DEVICE
  - a) Menu, Configure, Audio
  - b) Select "None" for I2S audio device then SET
  - c) Reboot
  - d) Menu, Configure, Audio
  - e) MPD options: EDIT OPTIONS
  - f) Leave Volume control set to "Software"
  - g) Set Device type to "USB audio device" then SAVE



### 3. TIME ZONE

- a) Menu, Configure, System
- b) Select appropriate timezone then SET

### 4. ADD SOURCE(S) CONTAINING MUSIC FILES

#### - USB STORAGE DEVICES

- a) Insert USB storage device
- b) Menu, Configure, Sources
- c) UPDATE or RE-GEN MPD database
- d) Optionally select Yes to automatically update MPD database on USB insert/remove
- e) Wait for completion (no spinner on the Library tab)
- f) Library tab, Folder view. Click the refresh button to update the folder list.

#### - SDCARD STORAGE DEVICES

- a) Menu, Configure, Sources
- b) UPDATE or RE-GEN MPD database
- c) Wait for completion (no spinner on the Library tab)
- d) Library tab, Folder view. Click the refresh button to update the folder list.

#### - NAS DEVICE

- a) Menu, Configure, Sources
- b) CREATE NAS source (MPD database update initiates automatically after SAVE)

Setup guide : <https://github.com/moode-player/moode/blob/master/www/setup.txt>

In future OS Re-flash or update : Download The latest moode image from the Allo download link or Moode official website

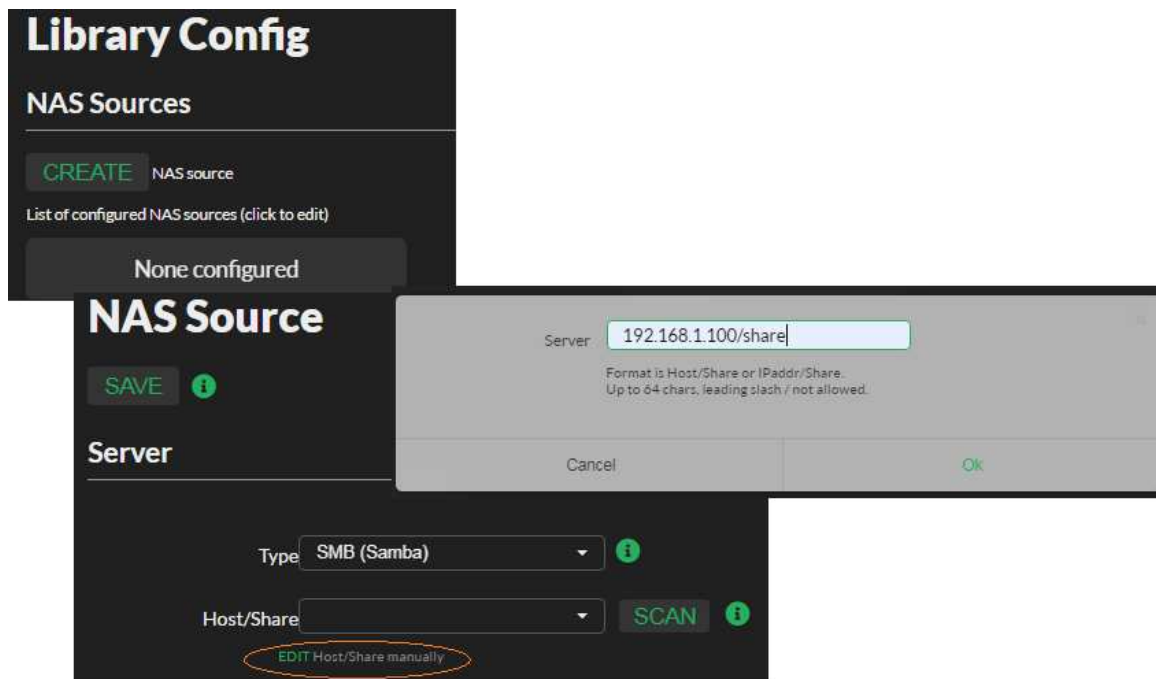
<http://3.230.113.73:9011/Allocom/moode/>

<http://moodeaudio.org/>

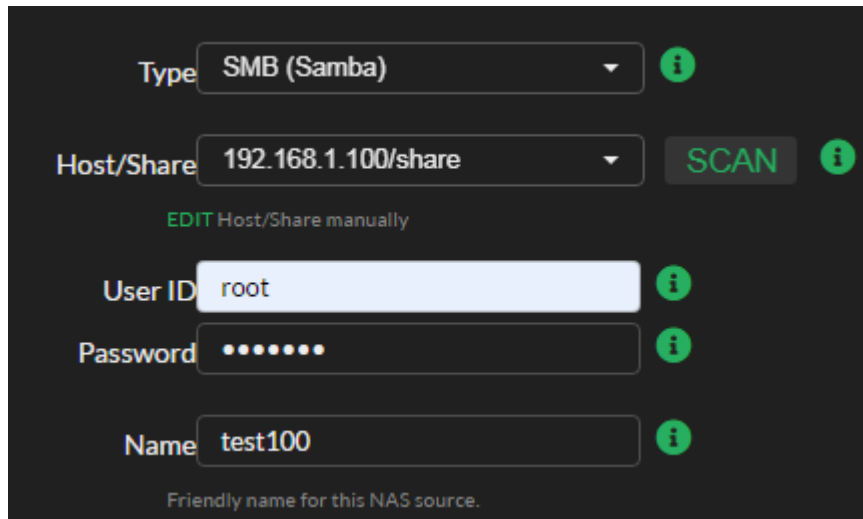
Write the Downloaded image into an SD card using Flashing Tools

<https://www.raspberrypi.org/documentation/installation/installing-images/>

NAS configuring example :

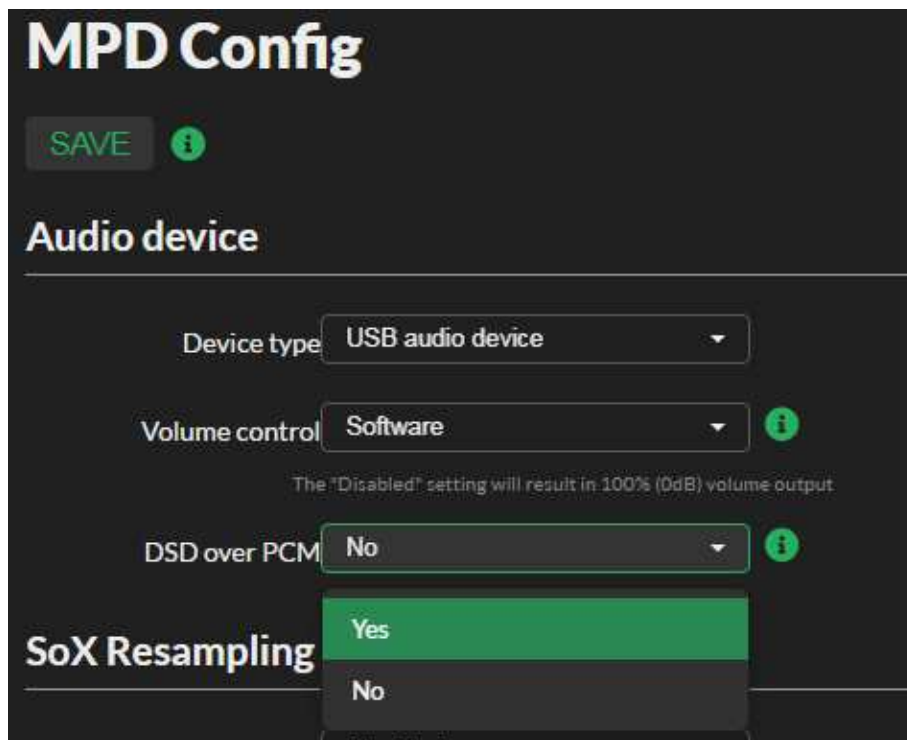


Library Config -> CREATE -> EDIT -> type the IP address and shared folder name as shown in image.

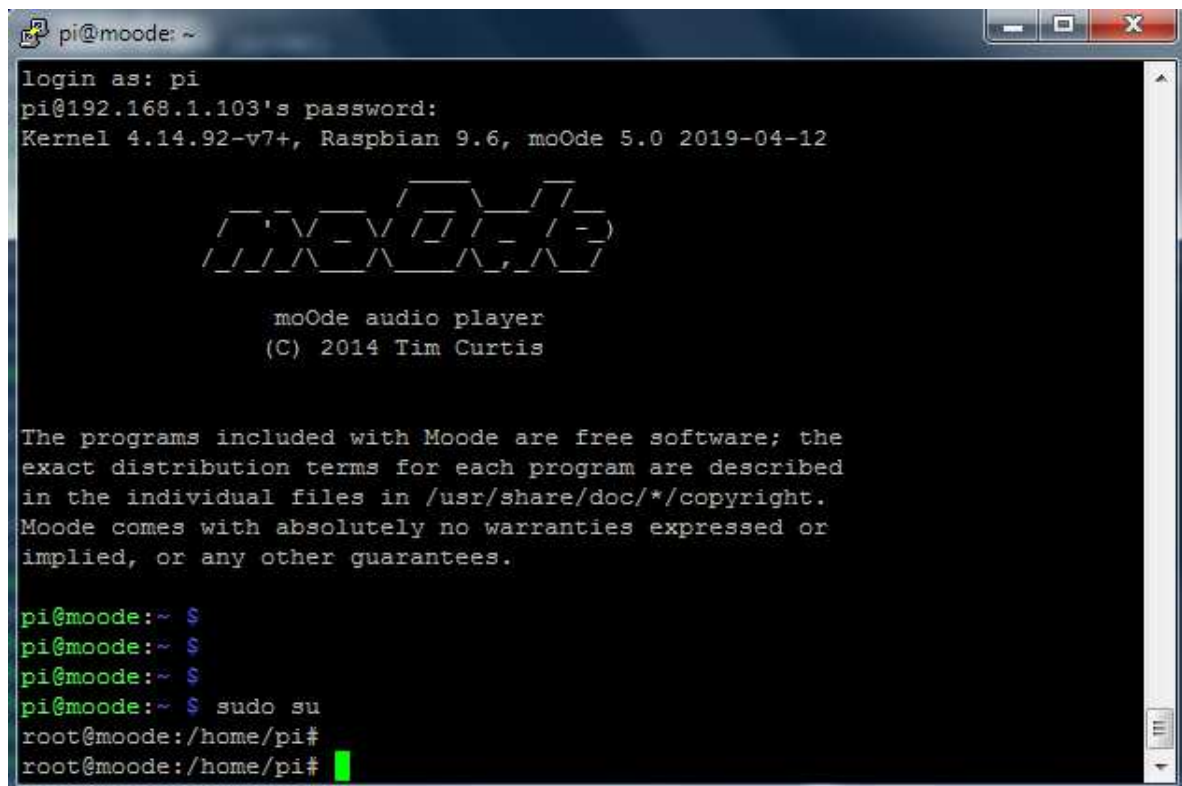


Then username and password of server, display name

DoP enable for USB DAC



Ssh login screen ( on windows use putty.exe , moode login as : pi , password : moodeaudio )



## SSH login from linux terminal

ssh pi@ipaddress as shown in below image , some time previous id need to delete from the /root/.ssh/known\_hosts file. Delete the line completely , save and try again.

```
root@cembler-NWA-6300:~#
root@cembler-NWA-6300:~# ssh pi@192.168.1.103
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@    WARNING: REMOTE HOST IDENTIFICATION HAS CHANGED!    @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
IT IS POSSIBLE THAT SOMEONE IS DOING SOMETHING NASTY!
Someone could be eavesdropping on you right now (man-in-the-middle attack)!
It is also possible that a host key has just been changed.
The fingerprint for the ECDSA key sent by the remote host is
SHA256:TvuCzhMxYz4G3aSn6GnXf0DG8VMwhyFfL35uYOQsmYs.
Please contact your system administrator.
Add correct host key in /root/.ssh/known hosts to get rid of this message.
Offending ECDSA key in /root/.ssh/known_hosts:1
remove with:
  ssh-keygen -f "/root/.ssh/known_hosts" -R "192.168.1.103"
ECDSA host key for 192.168.1.103 has changed and you have requested strict checking.
Host key verification failed.
root@cembler-NWA-6300:~# vi /root/.ssh/known_hosts +1

root@cembler-NWA-6300:~# ssh pi@192.168.1.103
The authenticity of host '192.168.1.103 (192.168.1.103)' can't be established.
ECDSA key fingerprint is SHA256:TvuCzhMxYz4G3aSn6GnXf0DG8VMwhyFfL35uYOQsmYs.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.1.103' (ECDSA) to the list of known hosts.
pi@192.168.1.103's password:
Kernel 4.14.92-v7+, Raspbian 9.6, moOde 5.0 2019-04-12

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      moOde audio player
      (C) 2014 Tim Curtis

The programs included with Moode are free software; the
exact distribution terms for each program are described
in the individual files in /usr/share/doc/*/copyright.
Moode comes with absolutely no warranties expressed or
implied, or any other guarantees.

Last login: Tue Oct 29 08:25:55 2019 from 192.168.1.101
pi@moode:~$ sudo su
root@moode:/home/pi#
```

Change to root mode : sudo su