

KATANA Player (Dietpi OS)

KATANA player preloaded with Dietpi OS, refer below links for OS information

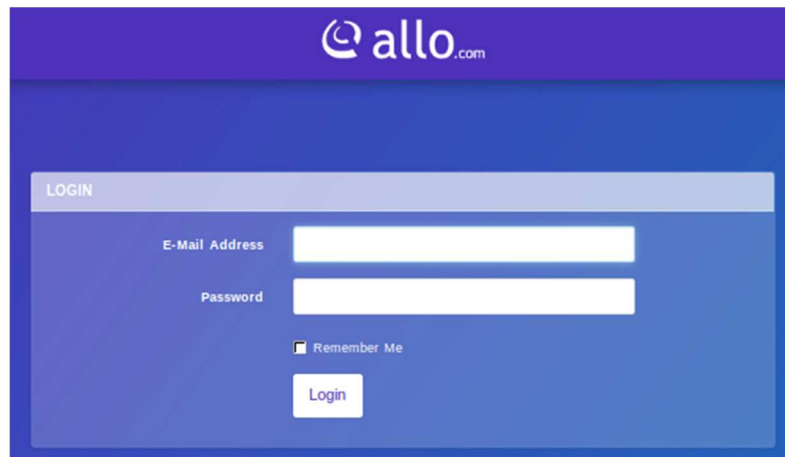
<https://dietpi.com/phpbb/viewtopic.php?f=8&t=2317&p=8869#p8869>

OS download link: http://dietpi.com/downloads/images/DietPi_RPi-ARMv7-Stretch_AlloGUI.7z

Product information <https://www.allo.com/sparky-dac.html> , Refer Katana Technical manual for hardware information, Power options and default Jumper configurations.

- 1) Connect all RCA cable and accessories to Katana player.
 - RCA cables to Amplifier (For XLR additional wiring Required)
 - 5V/3A Power connection to KATANA Controller board USB-C type connector
 - **LAN cable to Ethernet Connector**
- 2) Power on Unit
Verify Ethernet LEDs status.
- 3) Find out the IP address of Katana Player from Router or IP scanner or on ROON controller
Runs on Windows/Machine
Default host name dietpi.
On ROON - list Dietpi and IP address, Audio Device KatanaDAC
*by default, KATANA DAC configured on Allo Web GUI.
- 4) Open web-browser on locally connected PC to configure the Audio Device.
dietpi.local or IP address of the player

Allo Web GUI Login E-Mail address: admin@allo.com password : allo



- 5) Configure Audio Device: System settings ensure ALLO-KATANA DAC configured as Sound card.

SOUNDCARD SELECTION

SoundCard :

allo-katana-dac-audio

rpi-bcm2835-ultrahq

rpi-bcm2835-ultrahq-3.5mm

allo-boss-dac-pcm512x-audio

allo-digione

allo-katana-dac-audio

allo-piano-dac-pcm512x-audio

allo-piano-dac-plus-pcm512x-audio

usb-dac

none

CPU GOVERNOR

CPU Governor :


SOUNDCARD SELECTION

SoundCard :

allo-katana-dac-audio

6) ROON BRIDGE status check Active.

MIPD + CIMPD :




Status : ACTIVE

Freq : 44100 Hz

Bit : 16

View


ROON BRIDGE :



Status : ACTIVE

View


FLAC DAEMON :



Status : ACTIVE

View

WIFI HOTSPOT :




Status : ACTIVE

SSID : Uire97n-HotSpot

KEY : Dietpihotspot

View

ETHERPORT SYNC :




Status : ACTIVE

Freq : 44100 Hz

Bit : 16

View


GMFENDER :



Status : ACTIVE

View


NETDATA :



Status : ACTIVE

View

SQUEEZELITE :



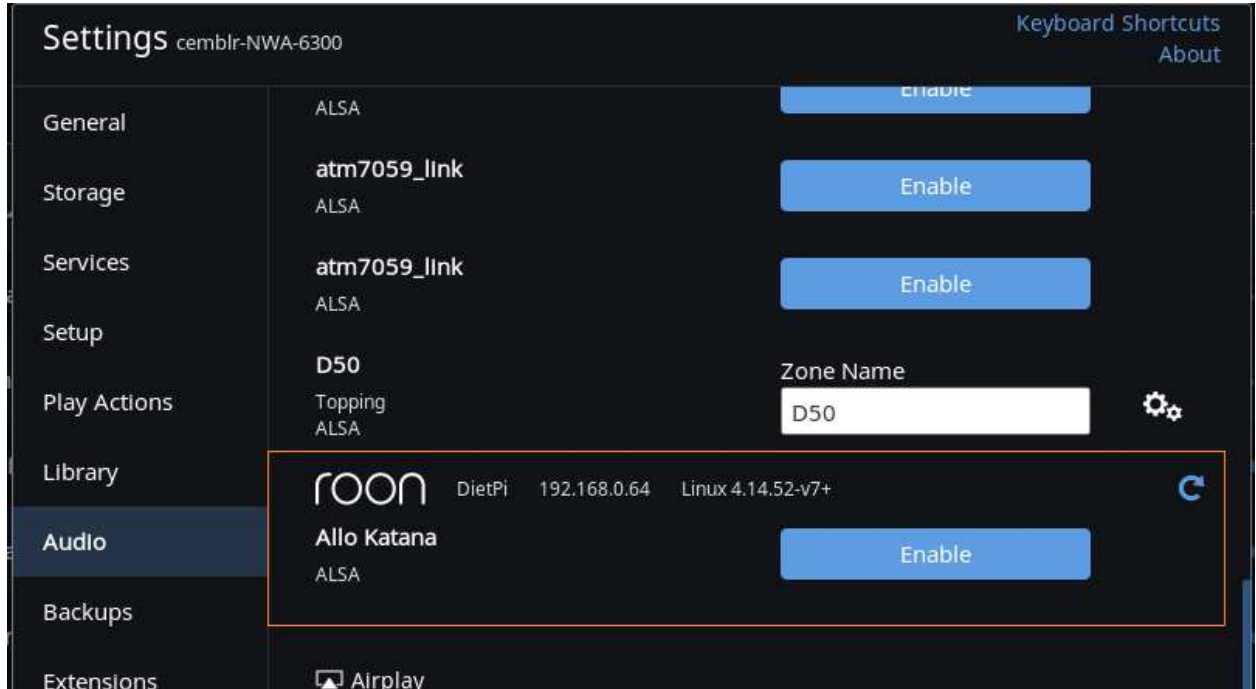
Status : ACTIVE

Bit : 16

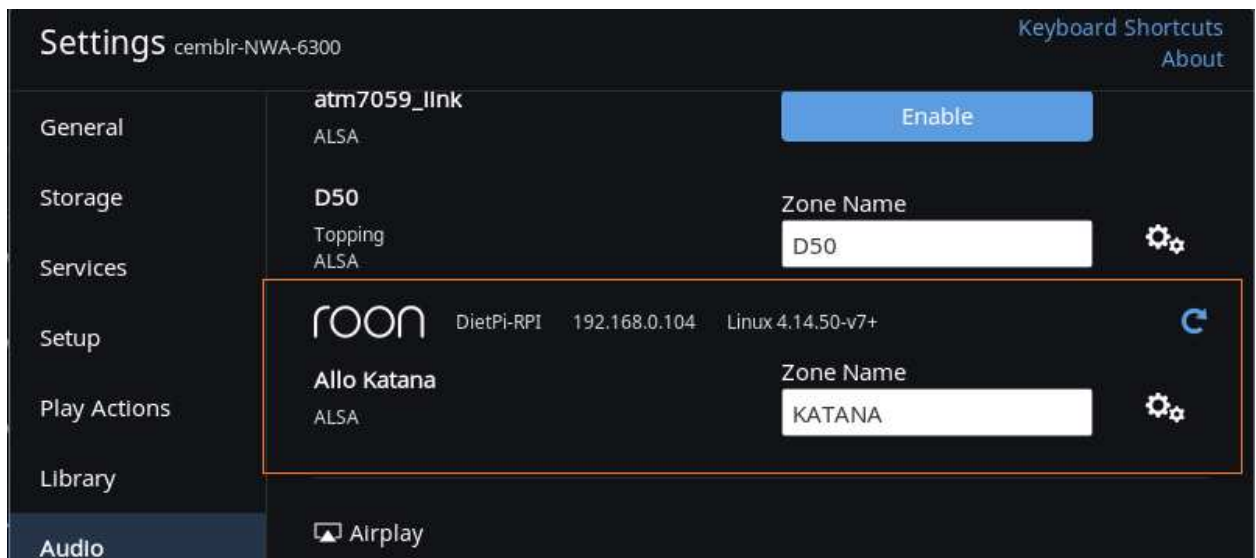
View

7) Open ROON server- controller Application

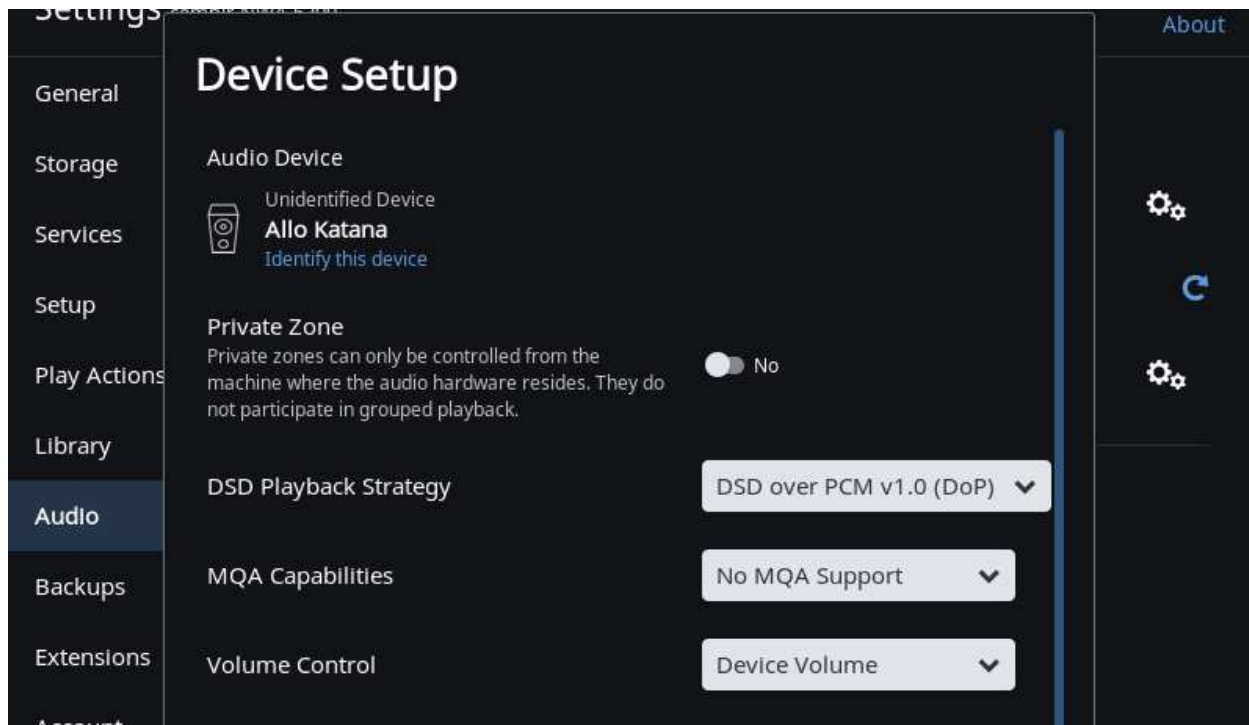
Roon server list the KatanaDAC endpoint available on the same network.



Enable the KatanDAC , Select the AUDIO device , Play the Music



DoP settings.



8) Wi-Fi Enable possible only through Terminal / SSH login

SSH login on windows refer:

https://github.com/sparkysbc/sparky_linux_images/blob/master/Dietpi_ssh_access.pdf

Wi-Fi settings refer

https://github.com/sparkysbc/sparky_linux_images/blob/master/Dietpi_wifi.pdf

SSH terminal command outputs

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dietpi-config = Feature rich configuration tool for your device.
dietpi-software = Select optimized software for installation.
htop = Resource monitor.
cpu = Shows CPU information and stats.

root@DietPi-RPI:~#
root@DietPi-RPI:~#
root@DietPi-RPI:~#
root@DietPi-RPI:~# aplay -l
**** List of PLAYBACK Hardware Devices ****
card 0: Katana [Allo Katana], device 0: bcm2835-i2s-allo-katana-codec allo-katana-codec-0 []
  Subdevices: 1/1
  Subdevice #0: subdevice #0
root@DietPi-RPI:~#
```

