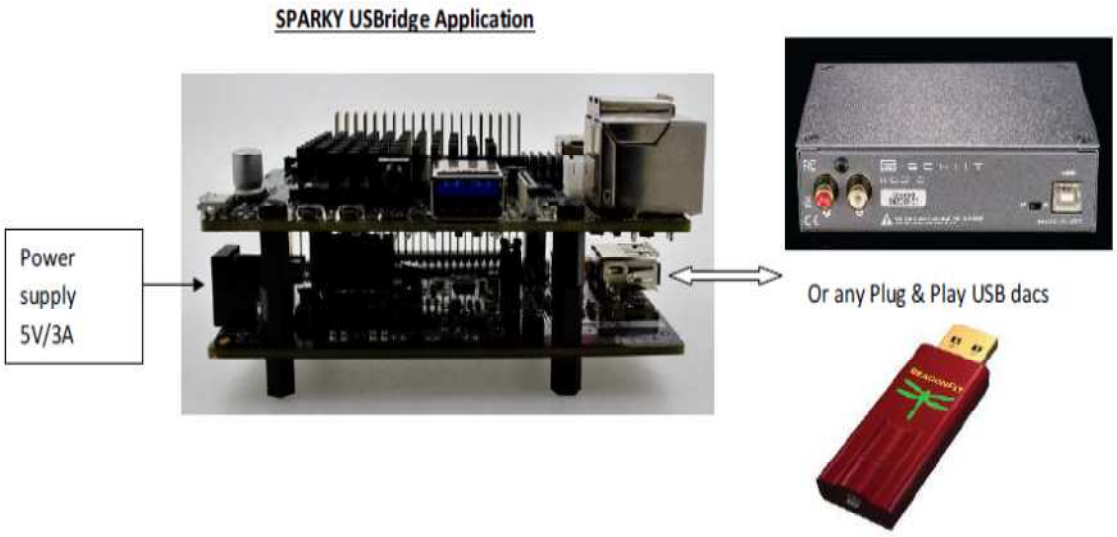
SPARKY + USBridge + Dietpi Software



Terminal commands the check
the USB DAC detection.

Can connect any USB plug &play devices on USBridge USB port for testing the port functionality.

Example : USB dac , USB pendrive/HDD , USB key board, USB mouse.. etc

USB dac connect on US Bridge usb port , check details with lsusb command ,ID will vary depends on USB DAC devices. USB sound device listing: aplay -l (example – connecetd USB Modi device)

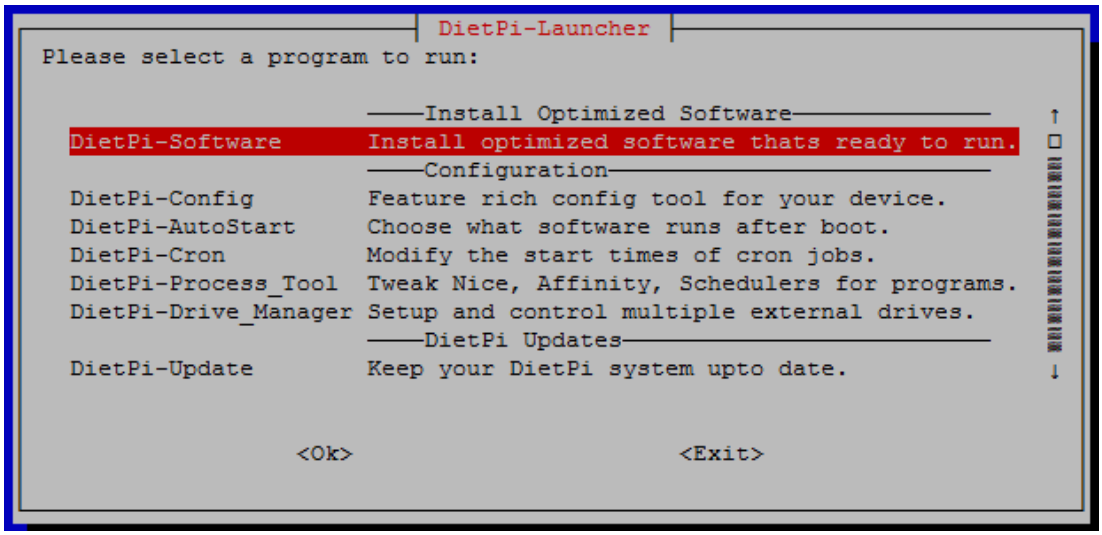
```
root@DietPi:~# lsusb
Bus 003 Device 003: ID 0d8c:0319 C-Media Electronics, Inc.
Bus 003 Device 002: ID 0424:2412 Standard Microsystems Corp.
Bus 003 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 004 Device 004: ID 1c4f:0002 SiGma Micro Keyboard TRACER Gamma Ivory
Bus 004 Device 003: ID 192f:0416 Avago Technologies, Pte. ADNS-5700 Optical Mouse Controller (3-button)
Bus 004 Device 002: ID 1a40:0101 Terminus Technology Inc. 4-Port HUB
Bus 004 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 002 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
root@DietPi:~# aplay -l
**** List of PLAYBACK Hardware Devices ****
card 0: atm7059link [atm7059_link], device 0: ATC2603C PCM atc2603c-dai-0 []
  Subdevices: 1/1
  Subdevice #0: subdevice #0
card 0: atm7059link [atm7059_link], device 1: HDMI PCM atm7059-hdmi-dai-1 []
  Subdevices: 1/1
  Subdevice #0: subdevice #0
card 0: atm7059link [atm7059_link], device 2: SPDIF PCM atm7059-spdif-dai-2 []
  Subdevices: 1/1
  Subdevice #0: subdevice #0
card 1: Device [USB Modi Device], device 0: USB Audio [USB Audio]
  Subdevices: 1/1
  Subdevice #0: subdevice #0
root@DietPi:~#
```

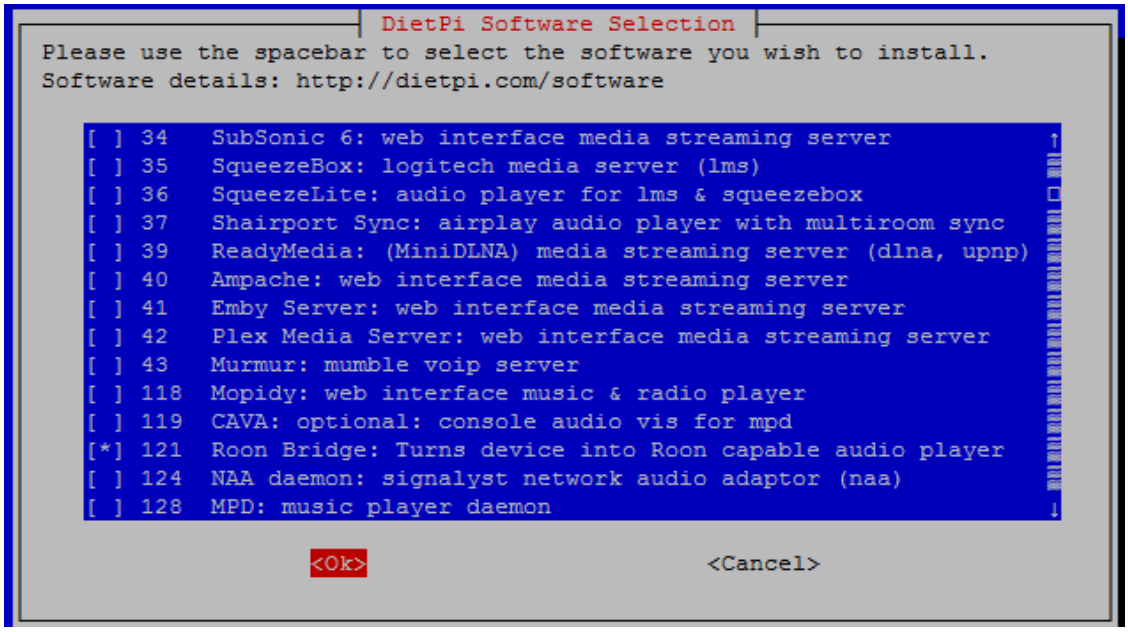
*First 3 devices are the default audio devices of Sparky SBC. Card 0 , devices 0,1,2 , card 1 is the **USB dac**

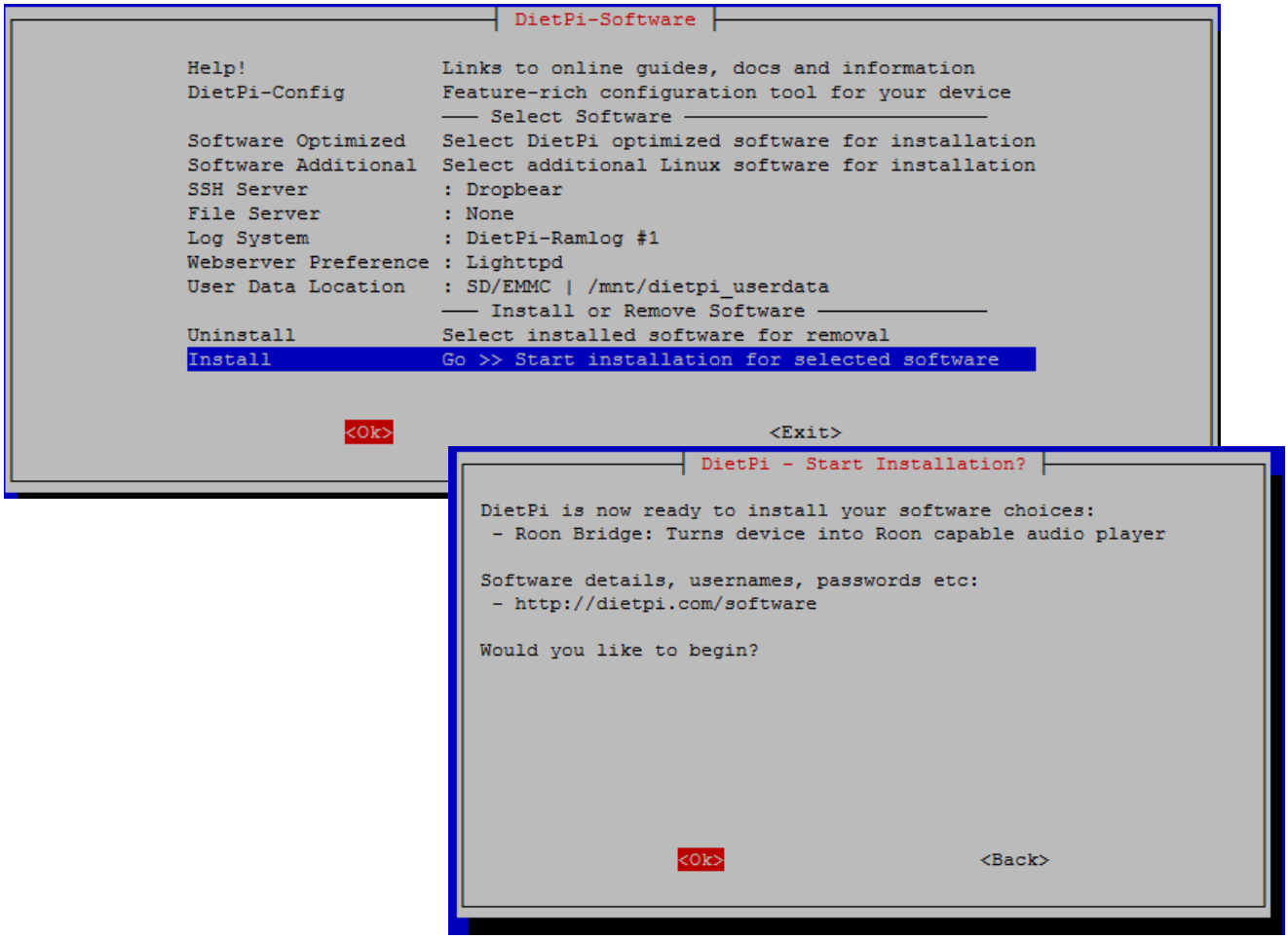
Dietpi configuration for roonbridge

Dietpi sparky Image: download the latest Dietpi Image from diet-pi website http://dietpi.com/
DietPi_v152_SparkySBC-armv7-Jessie.img (latest Image as on 24-06-2017, **this image loaded on emmc which coming along with USBridge package order**)

Login on terminal and configure dietpi software (connect to internet for software packages installation)
Ssh login with IP address or on KB+ HDMI monitor setup:
user name root , Password: dietpi





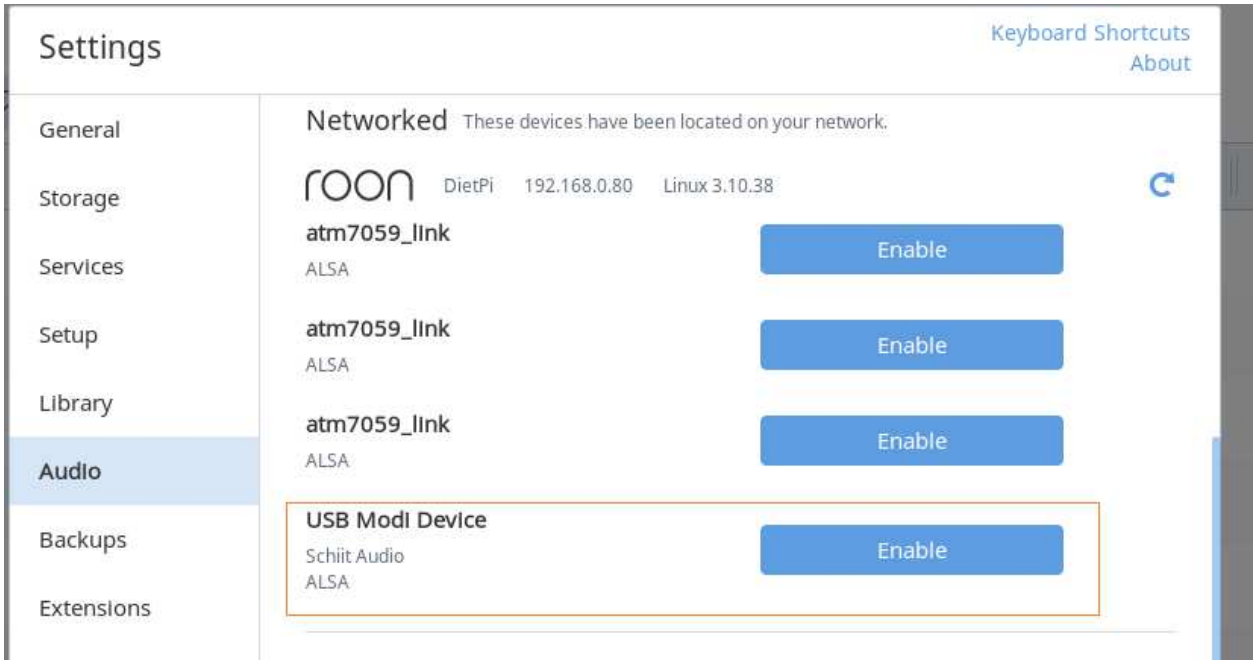


This will take 2 or 5 minutes …….

Automatically reboots on completion of installation.

Now ready to use with Roon

Open Roon application and select audio device



Enable the audio device and check.