

ROON

Roon is a music server solution to manage and play music libraries and streamed music. **Roon** consists of two separate apps on the **Antipodes** server. They are:

1. **Roon Server**: This is the app that you use to manage your music library and playlists and control the playing of music. With just this app installed you can play to **RoonReady** and **Roon Bridge** devices on your network.
2. **RoonReady**: This app is a very light application that can play the music from your Antipodes server direct to a DAC, via USB, SPDIF, AES3 or TOSLINK. By having both **Roon Server** and **RoonReady** on the Antipodes server you get the best possible sound quality playing direct to a DAC.

To play direct to a DAC, you need to install the two **Roon** apps on the Antipodes and then set **RoonReady** as the player in the GUI. The remainder of the setup is achieved by completing the standard **Roon** setup. The standard **Roon** setup is completed by downloading **Roon Remote** to a computer device such as a PC, tablet or smartphone and completing the **Roon** setup process, pointing to the **Antipodes** server and music library. This document takes you through the process step-by-step.

Roon Server and **RoonReady** are already installed on Antipodes servers shipped from 20 April 2016.

How to Setup Roon on the Server

You need to set the Audio Device you wish to use for playback, i.e. USB, SPDIF, AES/ToS or Analog. Select the '**Settings**' menu and then '**RoonReady**'. Then set '**Audio Device**':

Antipodes Home Apps **Settings** Help System ▾

RoonReady Settings

Audio Device Auxiliary Outputs ▾
None
Auxiliary Outputs
USB device 1

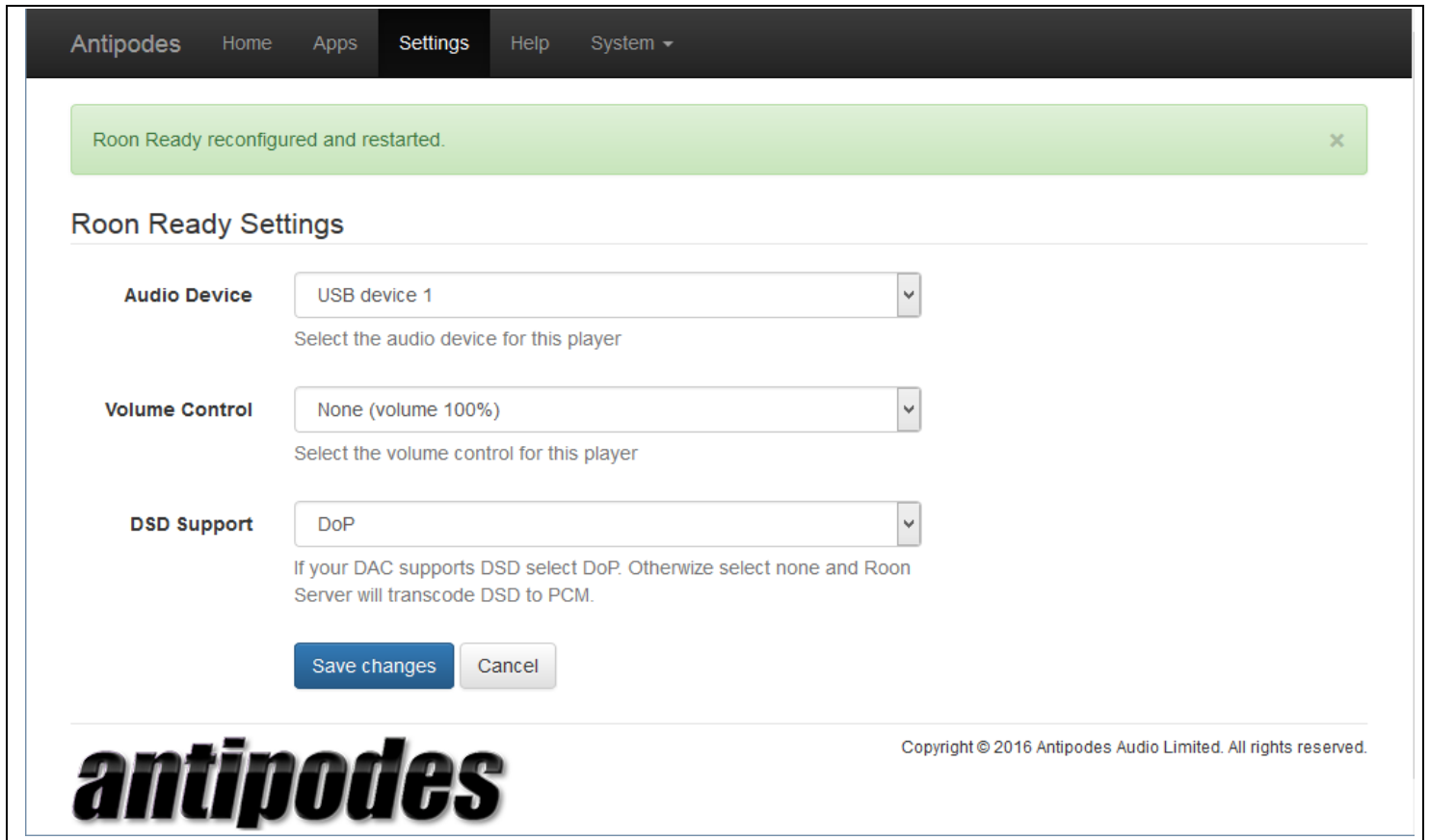
Volume Control None (volume 100%) ▾
Select the volume control for this player

DSD Support DoP ▾
If your DAC supports DSD select DoP. Otherwise select none and Roon Server will transcode DSD to PCM.

Save changes Cancel

Also select the appropriate setting for your DAC and. You have the option to use **Roon's** digital volume control, and to set the playback of DSD files to use DoP, if your DAC is compatible, or Native DSD. Then click the '**Save Changes**' button.

The following screen confirmation is displayed once the current **Antipodes** player is set to **RoonReady**.



The screenshot shows the Antipodes web interface. At the top, there is a navigation bar with 'Antipodes', 'Home', 'Apps', 'Settings' (highlighted), 'Help', and 'System'. Below the navigation bar, a green notification bar states 'Roon Ready reconfigured and restarted.' with a close button. The main content area is titled 'Roon Ready Settings' and contains three dropdown menus: 'Audio Device' set to 'USB device 1', 'Volume Control' set to 'None (volume 100%)', and 'DSD Support' set to 'DoP'. Below these settings are two buttons: 'Save changes' and 'Cancel'. At the bottom of the page, the 'antipodes' logo is on the left and the copyright notice 'Copyright © 2016 Antipodes Audio Limited. All rights reserved.' is on the right.






Roon Setup

Even if **Roon** is already setup on your server, you need to download **Roon Control** to other devices to allow remote setup and remote control of **Roon**. Download **Roon Control** from <https://roonlabs.com/downloads.html> to a computing device on the same network as your **Antipodes** server.

For Windows PC or Mac select from the following (note that the download includes Core and Output, which you will not use):


Roon	<i>Windows 64 bit</i>			
		control	core	output
	<i>Windows 32 bit</i>			
	control	core	output	
	<i>Mac OSX</i>			
		control	core	output

For tablets or smartphones download one of the following:

Roon Remote	<i>Apple iOS</i>		
		control	
	<i>Android (Google Play)</i>		
		control	output
	<i>Android (apk)</i>		
		control	output


Then start the Roon Control app on your remote device. Click the '**Connect**' button under your Antipodes:

Choose your Core



This PC

Continue



antipodesdx
Linux 4.0.7-300.so.fc22.x86_64 / 192.168.1.12
Version 1.3 (build 209) stable
● Ready

Connect

I want to connect to a different Core

Configure Roon OS devices on your network

You will then be prompted to log in to Roon. If you do not already have a Roon licence you can sign up here:

Login or Sign Up

Login

[Login](#)[Forgot password?](#)

Sign Up

Don't have an account?
Try Roon absolutely free!

[Start Free Trial](#)

You don't need to add a folder here, as the Antipodes server library (located at /storage/music/flac) is already loaded by default, so click '**Next**'. .

Where do you keep your music?

 Music Folder Watch for music

Your files won't be moved or modified in any way

[Add Folder](#)[Next](#)

On the next screen you can enter your Tidal login details if you have a Tidal account. Otherwise click '**No Thanks**'; you can add it later if you wish.

Add streaming music

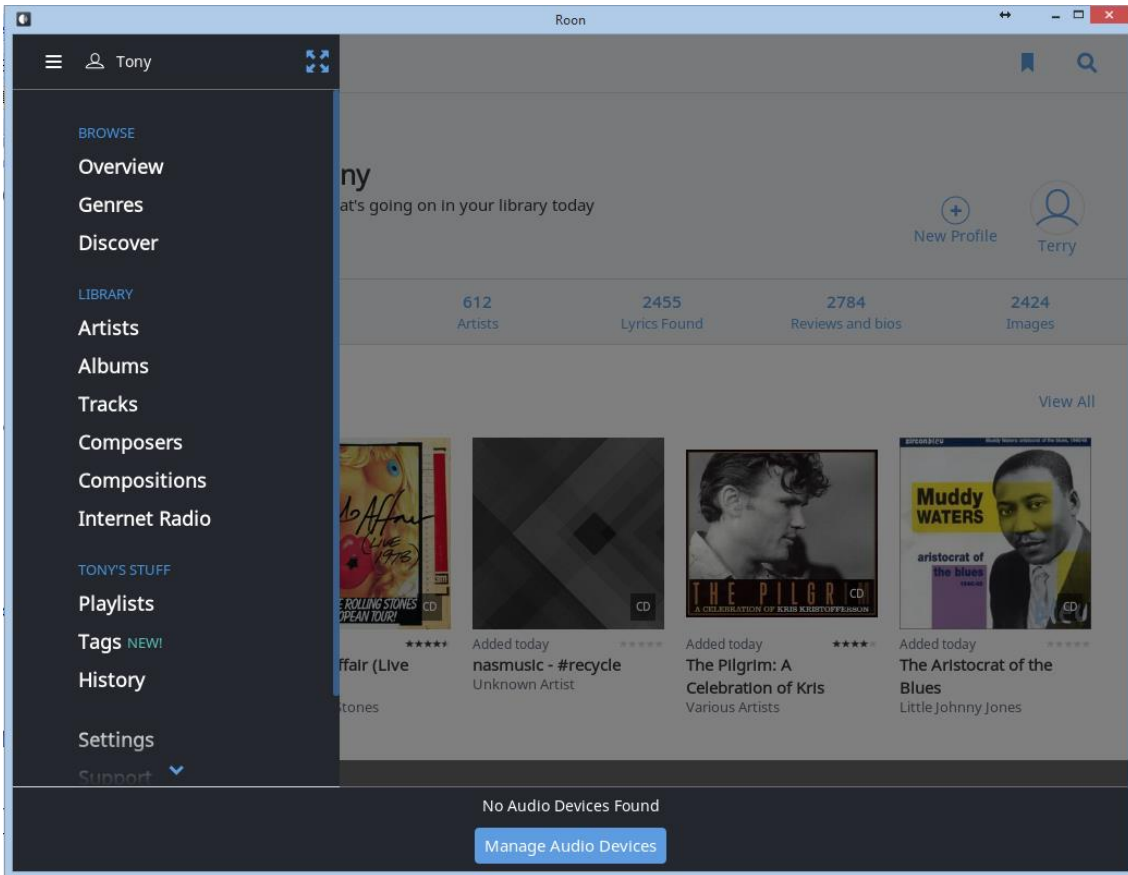
Roon makes magic out of your music library. With TIDAL, Roon lets you explore the connections between your music and millions of artists, composers, and lossless tracks.






HIGH FIDELITY MUSIC STREAMING

[I have a TIDAL account](#)[I don't have one yet](#)[No Thanks](#)

When you have successfully logged into Roon you will be presented with a **Roon** screen. Click on **'Manage Audio Devices'** at the bottom of the screen:



At the next screen, scroll down to the **RoonReady** section and click on the **'Enable'** button next to the **Antipodes** server.

Library	Networked These devices have been located on your network.	
Audio	 antipodes 192.168.1.134 Linux 4.0.7-300.so.fc22.x86_64	
Backups	HDA Intel PCH ALC662 rev3 Analog ALSA	<input type="button" value="Enable"/>
Extensions	HDA Intel PCH ALC662 rev3 Digital ALSA	<input type="button" value="Enable"/>
Account	HDA Intel PCH MI 0 ALSA	<input type="button" value="Enable"/>
<hr/>		
		
	Antipodes Audio D2 ⓘ 127.0.0.1	<input type="button" value="Enable"/>
	 Uncertified	

Give the zone a name and make sure the correct zone is selected when you wish to control playback on the Antipodes server.

	
Antipodes Audio D2 ⓘ 127.0.0.1	Zone Name
 Uncertified	<input type="text" value="antipodes_usb"/> 

You can now use **Roon** from your computing device to play music and complete any other settings changes, including adding **TIDAL** to **Roon**.

You can also go to the app store on your iOS or Android tablet or smartphone to download the **Roon** wireless remote application.

The most notable thing about **Roon** is the vast wealth of logically connected data that **Roon** has about your music collection, but you should be aware that this requires a lot of database work to happen in the background. Therefore there will be times when you experience some lag while **Roon** scans its database. These times include the first time you begin using **Roon**, when you copy a lot of new music to the **Antipodes** server, and when you open a **Roon** remote control app. This might

include occasional playback dropouts when Roon needs to scan a lot of new files. Just a little patience is required at these times.

Other Roon Playback Modes

There are several modes in which you can use **Roon** on an **Antipodes** server:

1. The **Roon Server** & **RoonReady** combination to play directly to a DAC.
This is the method described above in this document and the one we recommend.
2. Use **Roon Server Core** to play directly to a DAC.
This method is similar to mode 1, but **RoonReady** is bypassed. In the **Antipodes GUI**, go to the **Settings** menu and select **Roon Server**. Check the box '**Enable local playback in Roon Server**', and save the changes. In the **Roon** application, **Audio Settings**, you will now see connected DACs in a section called **Connected to Core**. To enable any output under this section you must first **Disable** the output showing in the **RoonReady** section. This mode differs from Mode 1 in that you can play from more than one output on your **Antipodes**, such as from both the USB outputs and the SPDIF/AES3/TOS outputs at the same time.
3. Use **Roon Server** to stream to **RoonReady** and **Bridge** devices on your network.
You can use this mode at the same time as mode 1 or mode 2 above.
4. Use the **Antipodes** server as just a **RoonReady** endpoint to play directly to a DAC.
Your **Antipodes** server will appear as an available **RoonReady** endpoint for any **Roon Server** library you might have on your network. This enables high quality sound via the **Antipodes** server from a very large external library.

You can also find a lot more information on the **Roon Labs** website, including the **Roon** community chat site <https://community.roonlabs.com/>. But you can always email support@antipodes.global if you get stuck.