

WAVEDREAM NET setup guide 1.0

A. Powering up / shutting down

Plug in power cord and WDNET will start in cd mode (no need to use power button on the first time). To use the remote, make sure “CD” key was pressed. This setting is sticky unless other device is selected. Press “L” on remote to switch between CD mode and server mode(or D/S key from front panel). Assuming the unit is left connected to mains, you can shut down/power up the unit normally after first boot. When pressing power button for shut down, a lag of a few seconds is normal before unit display goes off. This is to allow server to properly shut down all services.

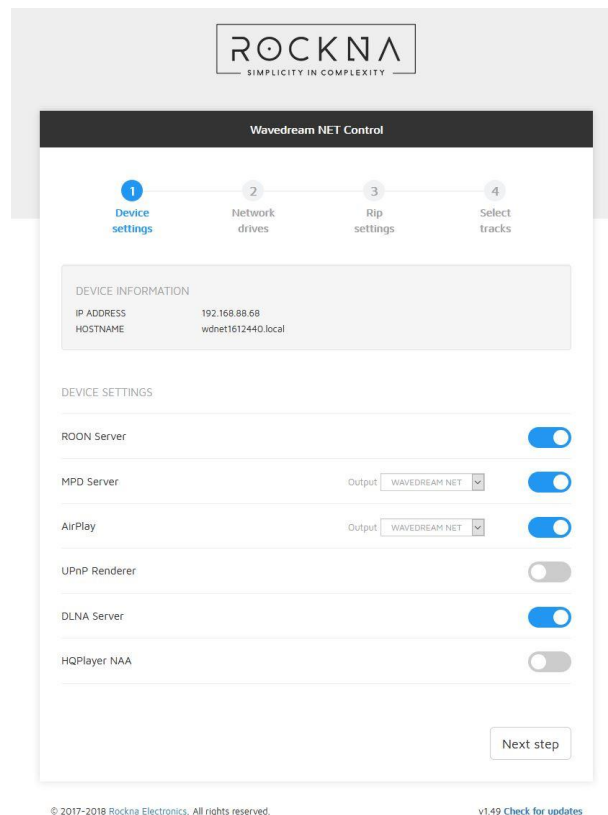
B. CD playback

Use WDNET as regular cd player. The unit accepts as well wav (up to 384k sample rate) files burned on dvd discs (UDF format).

C. Server playback

To properly use WDNET server, make sure you connect the unit to your local network via LAN cable. The web interface of WDNET can be accessed on your browser at address wdnnetXXXXXXX.local , where XXXXXXXX is your serial number (can be found on the back of the unit).

General interface



Via web interface all relevant settings are available : switching on and off installed services, ripping and network drive settings. For MPD and Airplay, a different output audio device can be set, when a external USB dac is attached. For Roon, this can be made through Roon settings.

Network drive settings

The screenshot shows the 'Network drive settings' tab, which is the second step in a four-step process. The steps are: 1. Device settings, 2. Network drives (current), 3. Rip settings, and 4. Select tracks. Below the steps is a table with columns for Name, Path, and Status. A '+ Add drive' button is located to the right of the table. Below the table is a form titled 'Add Network Drive'. The form has three input fields: 'Name' (with a hint 'Enter a name to identify your network drive (eg: NASDrive)'), 'Server' (with a hint 'IP Address or Computer name (eg: 192.168.0.55 or NAS)'), and 'Path' (with a hint 'Share folder name (eg: Music or Music/Albums)'). There is an 'Advanced options' link below the Path field. At the bottom of the form are 'Cancel' and 'Save' buttons. Below the form are 'Previous step' and 'Next step' buttons.

Ripping tab

The screenshot shows the 'Ripping tab', which is the third step in a four-step process. The steps are: 1. Device settings, 2. Network drives, 3. Rip settings (current), and 4. Select tracks. The interface shows settings for ripping. Under 'SAVE TO', there are buttons for 'mSATA' and 'SATA'. To the right, it says '139.43 GB of 916.77 GB FREE'. Under 'ENCODER', there are buttons for 'FLAC', 'WAV', and 'MP3'. To the right, it says 'Media encoder'. Under 'SPEED', there are buttons for '1x', '2x', '4x', '8x', and '10x'. To the right, it says 'Drive reading speed'. Under 'DRIVE', it says 'hp CDDVDW GP70N (12 Tracks)'. To the right, there is a 'Burn' button. At the bottom are 'Previous step' and 'Next step' buttons.

Note : for ripping, a external usb optical drive is required (internal drive from WDNET is not connected to server).

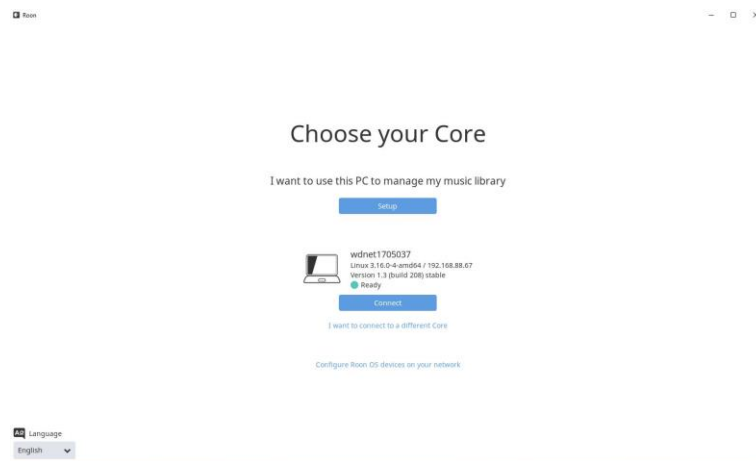
Setting internal storage

If your WDNET comes with internal storage, or is upgraded accordingly, the drive “WDNETXXXXXXXX/SATA” (X is your serial no.) will show as a network share in your network. This is the drive where you can copy your music.

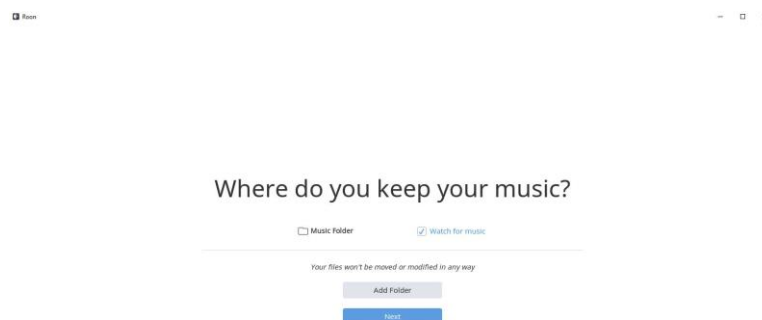
Setting Roon

WDNET is a full Roon server. A Roon remote app installation is required on your smartphone or tablet. Additionally, the server can be controlled from another Roon instance installed on your Mac or PC.

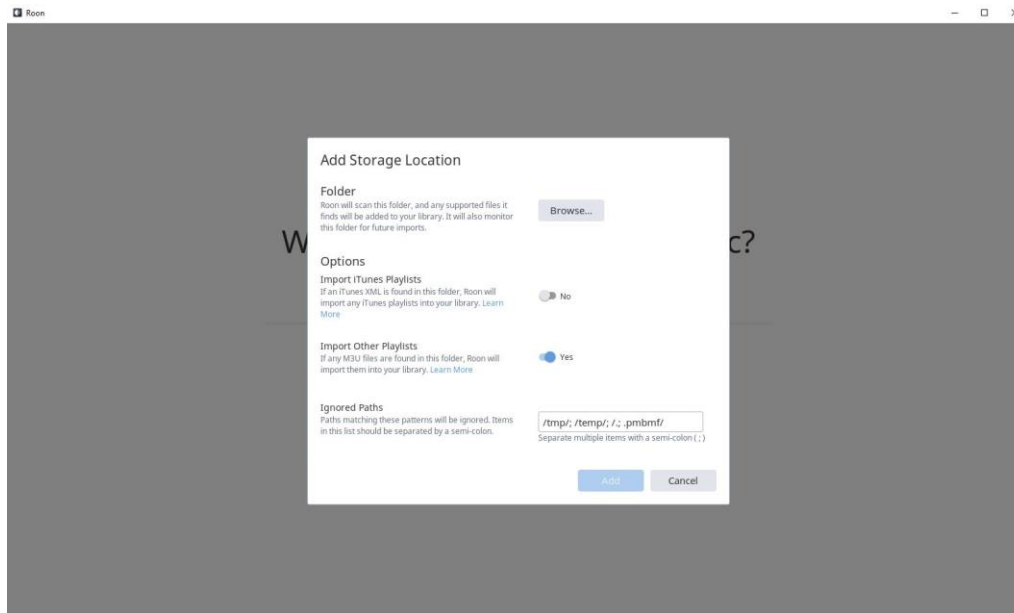
First, you have to connect to the Roon core installed on WDNET. It will look like below:



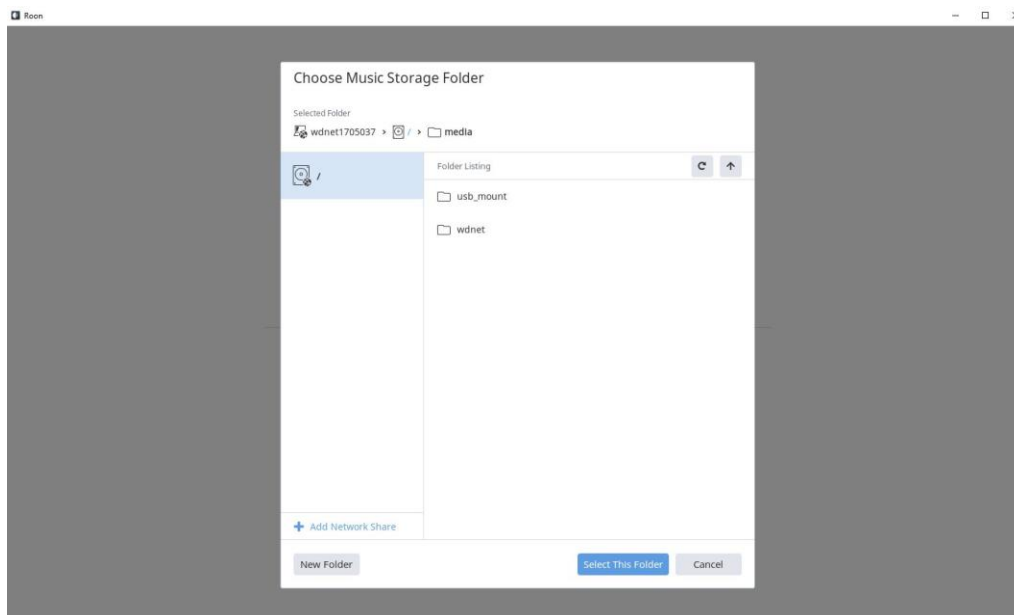
After connecting to the core, we have to select the folders where music is stored (you should press “add folder” :



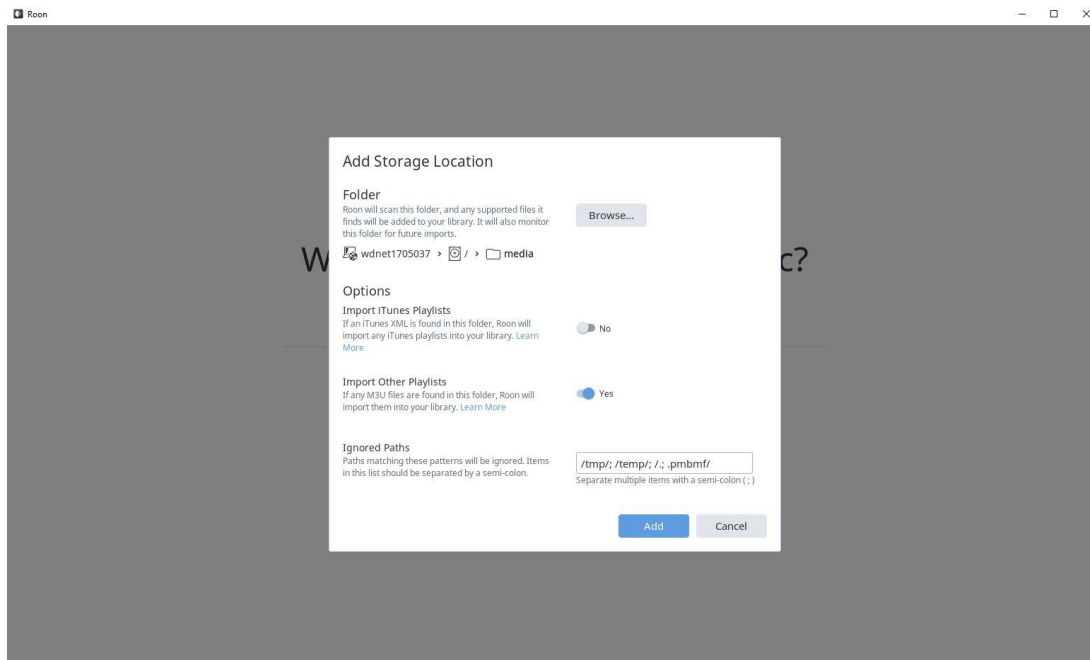
You should press “Browse” on this screen :



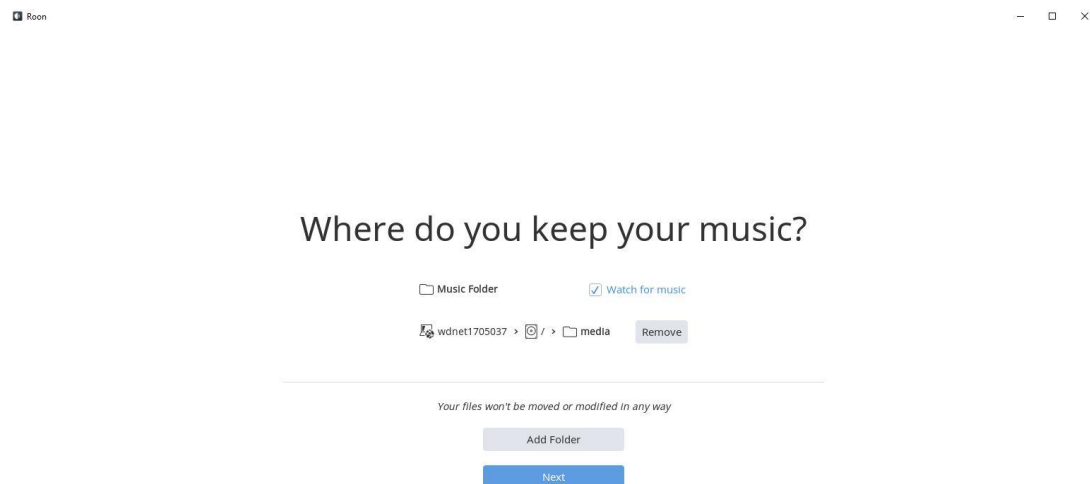
The “root” directory will open, but don’t choose it, go back one level and select “Media” as in the screen below. Press “Select this folder”.



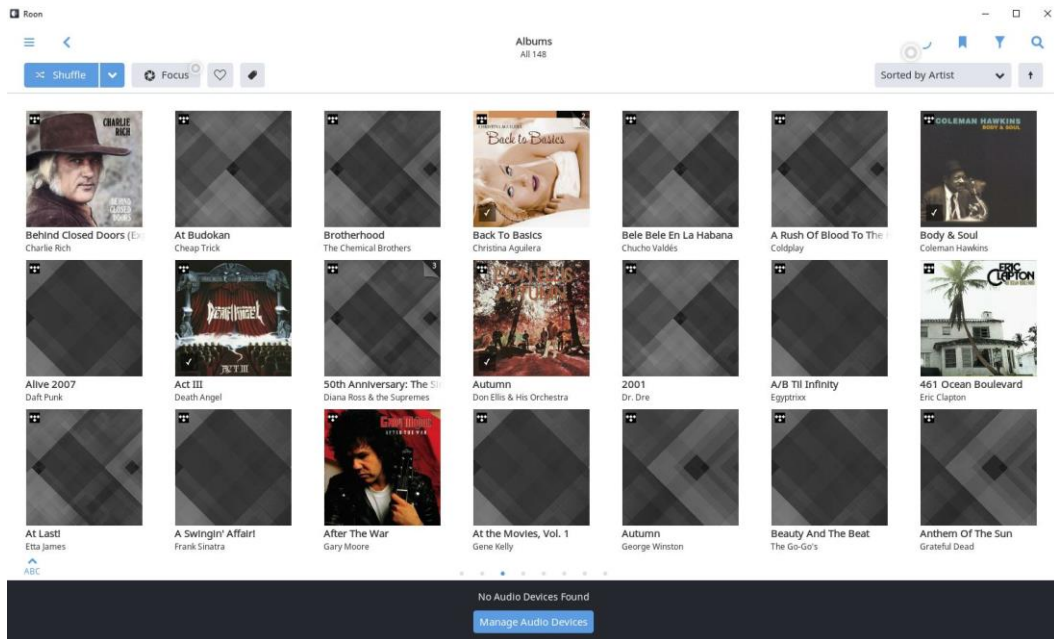
Finally, press “Add” on the screen below :



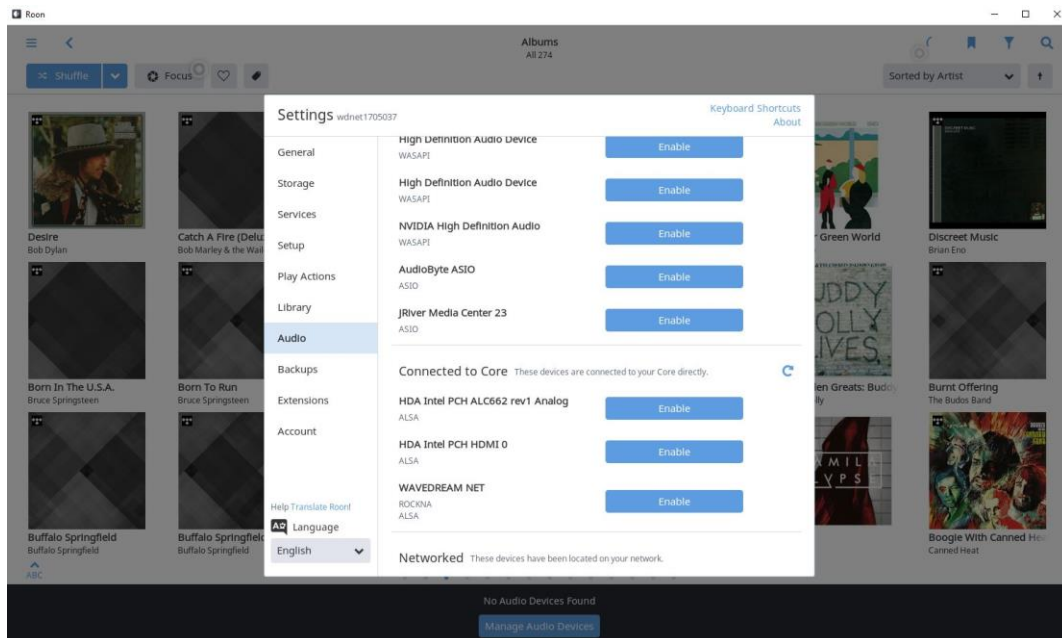
If all ok, the path should look like this – and you can press “Next”.



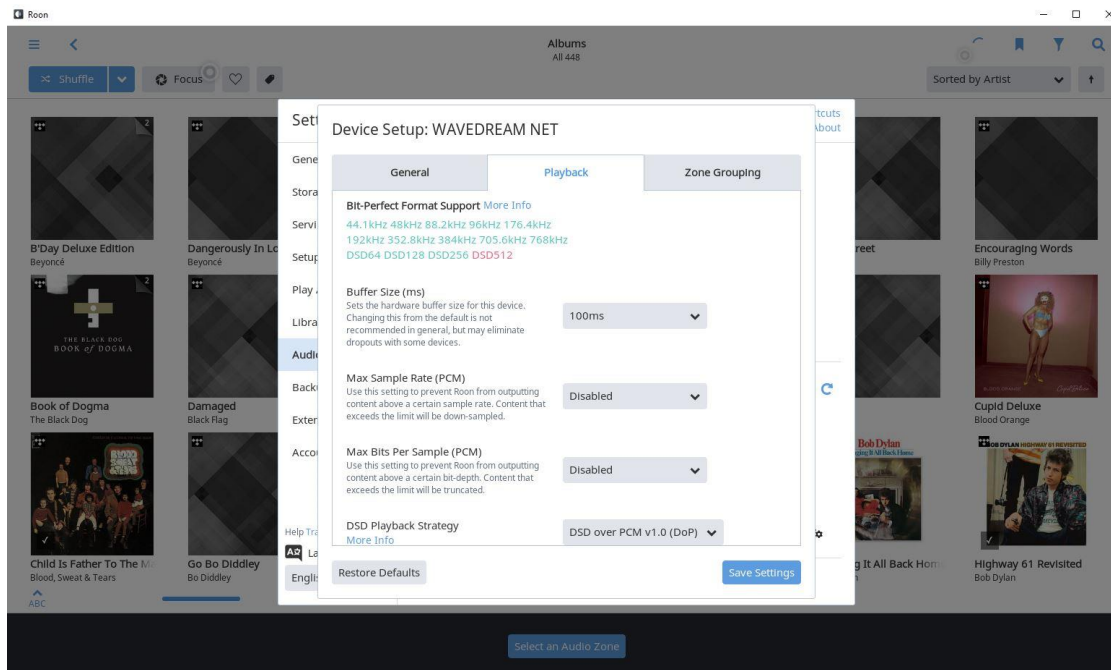
Roon will start to index your local music:



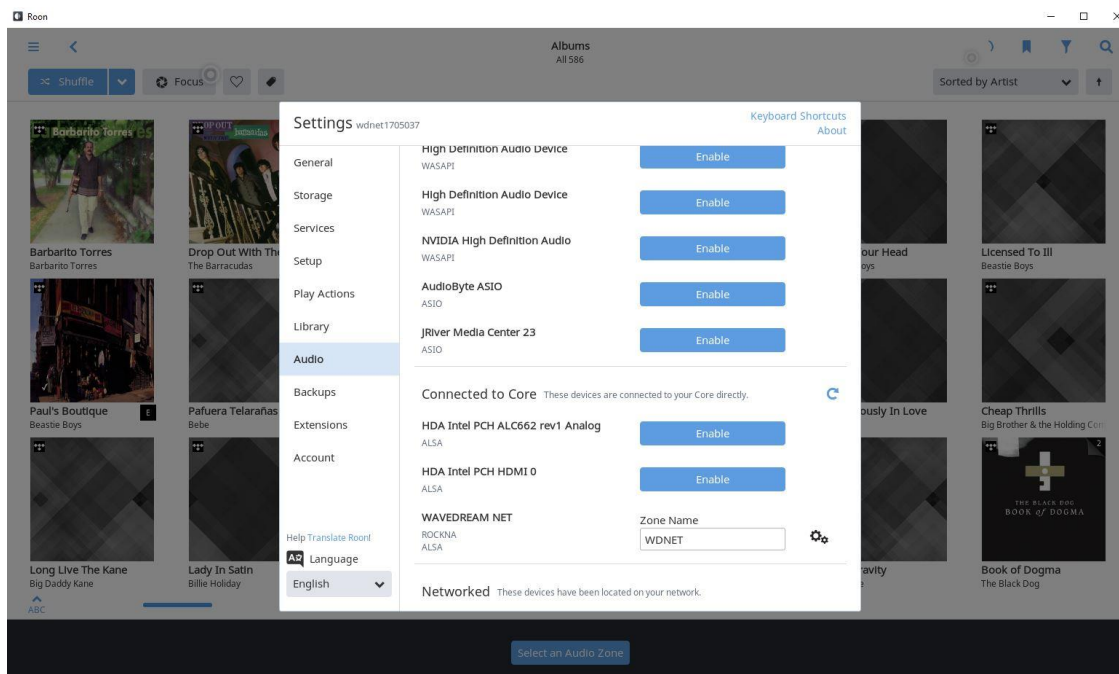
Now, let's set up the audio device. Press "Manage audio devices". A screen like below will show up.



Press "Enable" on WAVEDREAM NET (ROCKNA, ALSA). On playback tab from the next screen and change DSD playback strategy to "DSD over PCM 1.0 (DoP)". Press "Save settings".



Now you can give a name to WDNET in the Roon network. You can type “WDNET” for example in the empty field.



In the end, all you have to do is to select the defined audio zone and Roon is ready to go.

