

# Nucleus Owner's Guide

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*Welcome to the Nucleus Owner's Guide!*

This guide will cover assist you in getting Nucleus powered up, your remote controls connected, and your music imported. Once you're ready to hit the ground running, you can reference the [Roon User Guide](#) for getting the most out of the Roon software, or just type your question into the search bar at the top right.

## *1. Prepare Your Storage and Audio Devices*

Before you power up Nucleus, you should check that all of your storage locations and audio devices are connected and powered on.

### *Storage*

Nucleus and Roon will recognize multiple storage locations at the same time. Storage locations can be devices connected directly to Nucleus by USB, or the Internal SATA connection, or can be folders on other computers on your network or on a NAS.

If your music is stored on an external **USB drive**, plug it into your Nucleus now.

We'll cover how to import music from your **NAS device** later. For now, just make sure it's turned on and plugged into your network.

If you have a 2.5" hard drive you'd like to use as **internal storage**, install it in Nucleus now using [these instructions](#). Please note that the first revisions of Nucleus/Nucleus+ only support 2.5" hard drives with a drive height of 7mm or 9mm.

### *Audio Devices*

Nucleus and Roon will output audio to devices connected directly by USB or HDMI. You should check that they are connected and powered on.

Roon will also discover and play to a wide variety of audio devices over your home network.

If you have any Roon Ready, Airplay, Sonos, Squeezebox, Devialet, KEF, or Meridian streaming audio devices, you should check that they are connected and powered on now.

## *2. Power Up Nucleus*

Before connecting power, please plug an ethernet cable (not included) into the Nucleus unit.

Next, connect the power supply to Nucleus and plug the power supply into the wall.

Finally, power it up by pressing the button on the back of the Nucleus in the groove on the far left (when looking at it from the back). Just one quick press is all that is needed, and a dim white LED should light up immediately above the button.

## *3. Connect Remote Controls*

To connect to Roon and begin setting up your Roon system, install Roon Remote on any iOS & Android devices, or the Roon app on any Mac or Windows devices.

Roon Remote is available from the App Store or Play Store. You can download Roon for Mac or PC by clicking the button below.

[Click Here To Download Roon](#)

After installation, you can launch Roon from any of these devices, and the app will discover Nucleus automatically over your home network. Follow the onscreen instructions to log in and connect to Nucleus.

*NOTE: To use Nucleus or Nucleus+ you need a Roon account with a valid subscription. If you don't have one yet, you'll be prompted to create your Roon account when you connect to Nucleus for the first time. Once you have a Roon subscription, log in with your email address and password.*

[More about \*\*Installing Roon on your devices...\*\*](#)

## 4. *Configure Your Audio Outputs*

Now that you have Nucleus running, and you've connected to it from a remote control, it's time to configure your audio devices so you can play some music!

Roon can discover and play music to a variety of audio outputs. From a DAC connected directly to Nucleus, to networked audio outputs throughout your home, you can pick and choose the devices you want to use, then name them for easy access.

There are two classes of audio devices in Roon: **connected** and **networked**.

### *Connected Audio Outputs*

Connected outputs include USB DAC's and the HDMI output of Nucleus. Our Audio Setup Guide will walk you through the details of advanced setup and configuration options. You can find it here: [Audio Setup Basics](#)

### *Networked Audio Outputs*

Roon will discover and play to a wide variety of network-based audio outputs. Click on any of the following networked audio connection types to learn more:

[Roon Bridge](#) - Roon Bridge is an app that runs on any Mac, PC, or Linux device and connects any of its audio outputs to Roon over the network.

[Roon Remote Control Devices](#) - Any audio outputs on any Mac, PC, iOS, or Android device acting as a Remote Control can be used as an output for Roon

[Roon Ready Devices](#) - Hardware products that speak to Roon Natively using [RAAT](#)

[Airplay](#) - iTunes and iOS devices.

[Sonos](#) - Sonos products

[Squeezebox](#) - SlimDevices and Logitech products

[Devialet](#) - Roon includes built-in support for the Devialet AIR protocol

[Meridian](#) - Ethernet-based streaming to Meridian products

[HQPlayer](#) - An extremely high quality DSP-focused media player

[More about Audio...](#)

## *5. Import Your Music*

With Nucleus powered on and your audio outputs configured, all that's left is to import your music from your storage devices.

Roon uses a mechanism called watched folders to import music. A watched folder is simply the folder (or folders) that contains your audio files. Roon will scan this folder and import your music, then "watch" it for new additions. This makes automatically importing music into Roon a breeze, just add it to your watched folder!

As with audio devices, Roon can watch multiple file locations, whether they are attached to your Nucleus or on your network, so that different collections on different devices can all be managed and browsed from one interface.

During initial setup, the app will walk you through the steps, but you can always return to your Storage Settings to add or manage storage locations.

### *Importing from a USB drive or internal storage*

During initial setup, Roon will walk you through the steps to import music from a connected USB drive, or internal storage.

If you want to add more storage later, just open the Storage tab of Settings and click "+ Add Folder". Then, browse to your music folder or add the path manually. If you get stuck, you can use the following guide for help: [Adding a Watched Folder](#)

### *Importing from a NAS device*

To import music from a NAS device, enter the IP address, username, and password for your NAS by clicking "+ Add Network Share" from the Storage tab of Settings. You can find the full instructions here: [Adding music from a NAS or network share](#)

[More about Importing...](#)

## 6. *What's Next?*

Now that you've got Nucleus up and running, it's time to start exploring Roon and experiencing your music like never before.

For more information, the [Roon User Guide](#) is the best place to start. Some topics include:

- [Browsing and Playing Music](#)
  - [Playlists and Tags](#), including importing from iTunes
  - [Editing and Grooming Your Collection](#)
  - [Tips and Tricks](#)
  - [Troubleshooting and Support](#)
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