BROOKLYN BRIDGE II
ROON CORE

STREAMER • Hi-END DAC • ROON CORE • PREAMP • HEADPH AMP

Startup Guide

Ver. 2023-11-24

MYTEK

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The DETAILED MANUAL is being now redacted and will be posted on mytek.audio/support by dec 15, 2023

1. Introduction

2. Congratulations! The Brooklyn Bridge II Roon Core is **an all in one music marvel; a Streamer** which combines a stellar mastering quality **DAC** with **Roon**, the best playback software and hardware available , a fully functional **analog/phono and digital preamp** and state of the art **headphone amp** with balanced drive capability. Brooklyn Bridge is a **software platform** that will grown overtime with added functionality of multiple, **other streaming, playback and dsp processing options** provided through easy periodic online software upgrades.

3. Contents of the Package

- The Mytek Brooklyn Bridge II Roon Core (BB II)
- Power Cord
- 2 Wifi antennas
- USB 2.0 cable
- Quick Startup Guide
- 1-year free Roon subscription coupon
- Infrared Apple Remote (not recommended) is optional and can be purchased as separate accessory from Mytek or from any third party.

Infrared Remote - The BB II is designed to be remotely operated from the smartphone or tablet with a Roon Remote App (and other Playback apps) and the Mytek BBII App (same as front screen which can be repeated on the smartphone/tablet). Optionally an infrared apple remote can be used for simple functionality as indicated on the picture. Press MENU+SKIP to pair w. BBII (till logo flashes) More in Chapter 16.

3. Device Installation

4.1. Power the device using the provided power cable.

4.2. Affix the two Wi-Fi antennas to the device. The sequence of attachment is non-specific.

4.1. Connect your speakers to the Brooklyn Bridge II, choosing from the available outputs suitable for your speaker system:

a. Line Audio Output, use two cinch cables: one for the left channel and another for the right channel.

b. Balanced Audio Output, employ two XLR cables: one for the left channel and another for the right channel.

To achieve the best system performance, we recommend the exclusive use of high-quality cables from Mytek Audio. This ensures the listening experience as intended by our designers. Inquire with your retailer for further details.

4. Initial Setup and Configuration

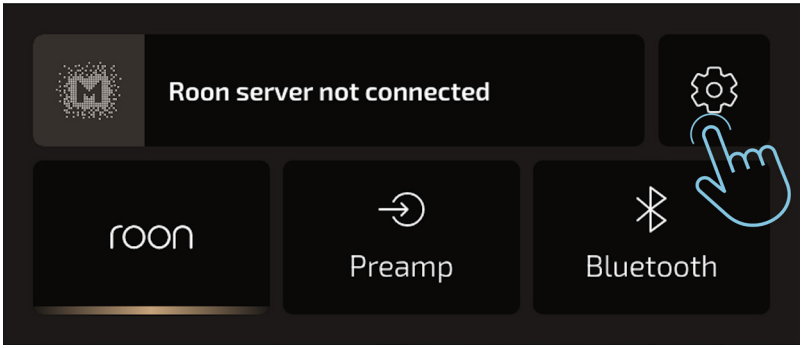
4.1. Press and hold the volume button until a clicking sound is heard. Following the click, wait for the device to initialize until the main menu is displayed on the screen.

4.2. Connect the Brooklyn Bridge II to your local network:

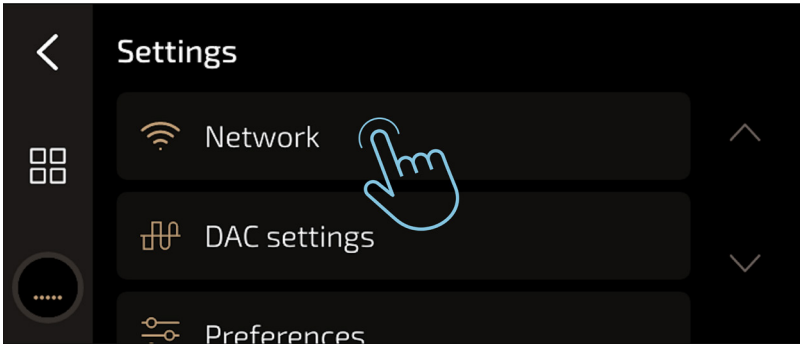
a. For a wired connection, directly connect the streamer to your router with an Ethernet cable.

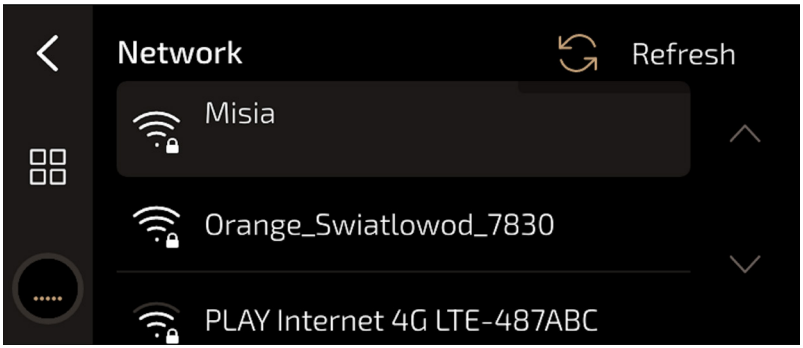
b. For a wireless connection:

- Navigate to the ‘Settings’ icon located in the top right corner of the screen.



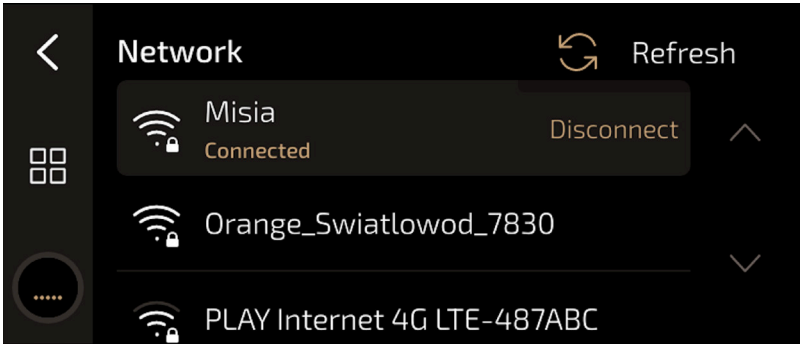
- Select the ‘Network’ option and locate your Wi-Fi network’s name.





- Enter your Wi-Fi password using the on-screen virtual keyboard.

- A 'Connected' status should appear under the selected Wi-Fi network upon successful connection.



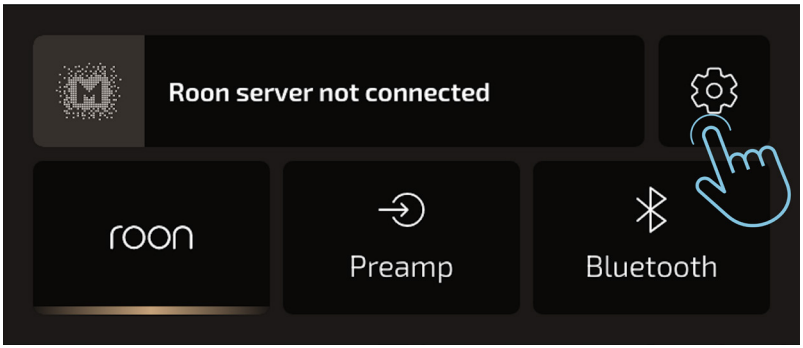
Now you can go back to Brooklyn Bridge's II main menu and move on to Roon account configuration.

5. Using Brooklyn Bridge II as external Roon Core

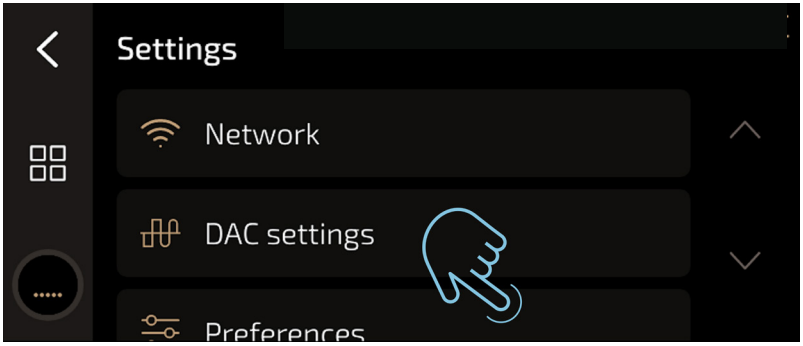
If you are already familiar with the Roon service and have an ecosystem based on Roon Core, you can connect the Brooklyn Bridge II as one of the endpoints to your existing Core. To do this, follow the instructions below:

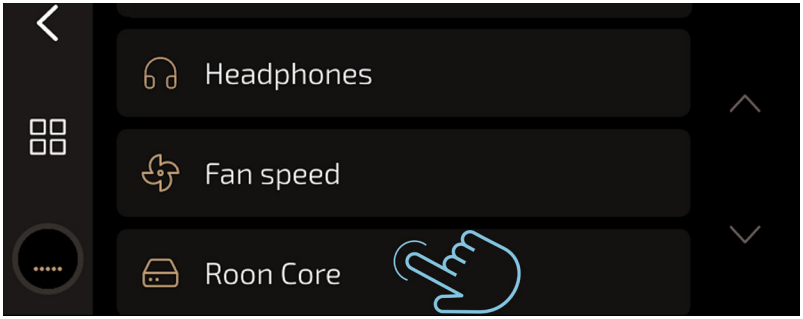
5.1. Setting up Brooklyn Bridge II as a external Roon Core

- Navigate to the 'Settings' icon located in the top right corner of the screen.

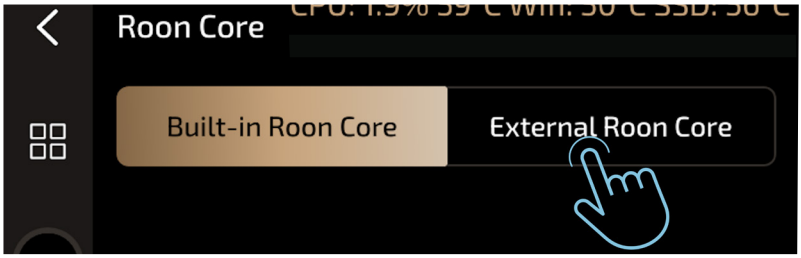


- Select the 'Preferences' option and had down to Roon Core option, then select it



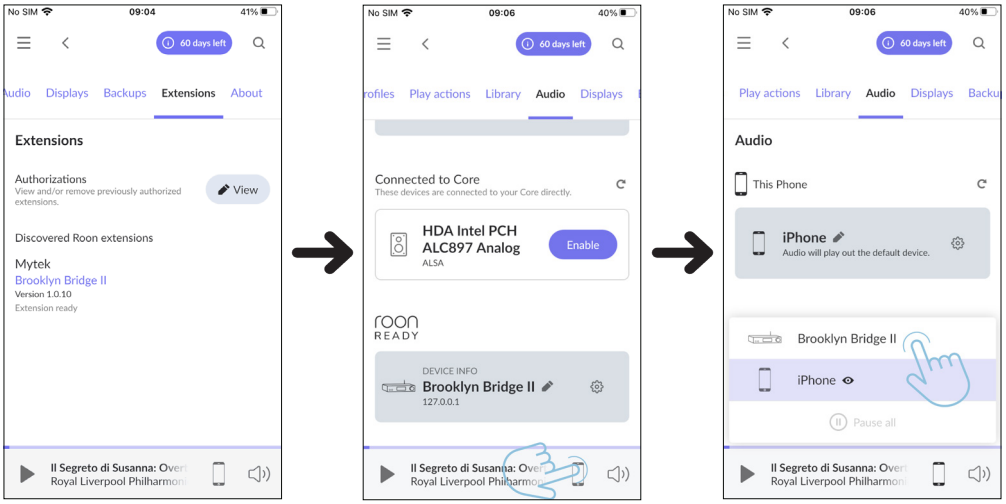


- In Roon Core settings choose External Roon Core



5.2. Adding Brooklyn Bridge II as endpoint in Roon App.

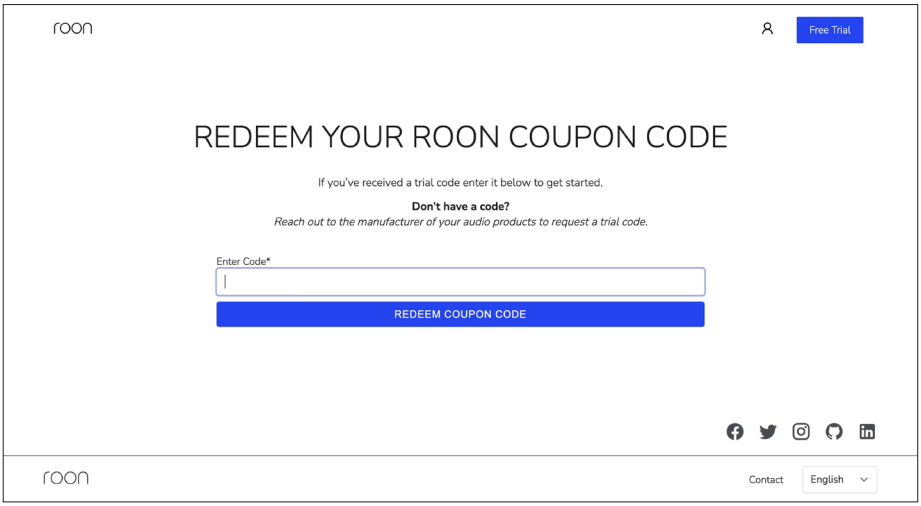
- Perform the exact steps as in paragraph 8. If you have enabled Brooklyn Bridge II in extensions and audio settings then BBII should appear in your endpoint devices.



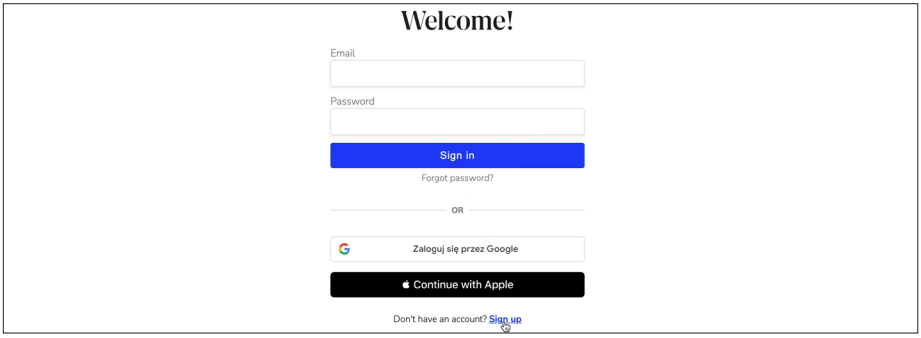
6. Account creation and code redemption

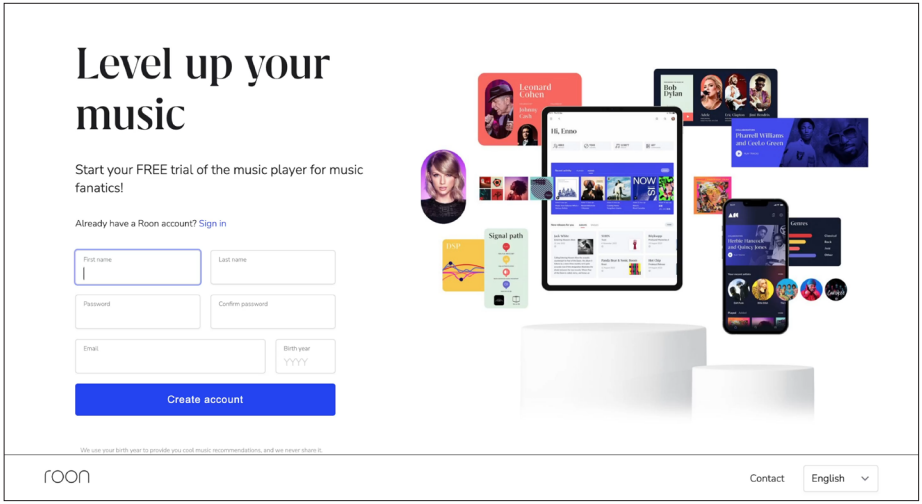
6.1. Visit the Roon account creation page at [https://account.roon.app/en/coupon]. Oe scan a QR code below:

6.2. Enter the voucher code provided in your package.

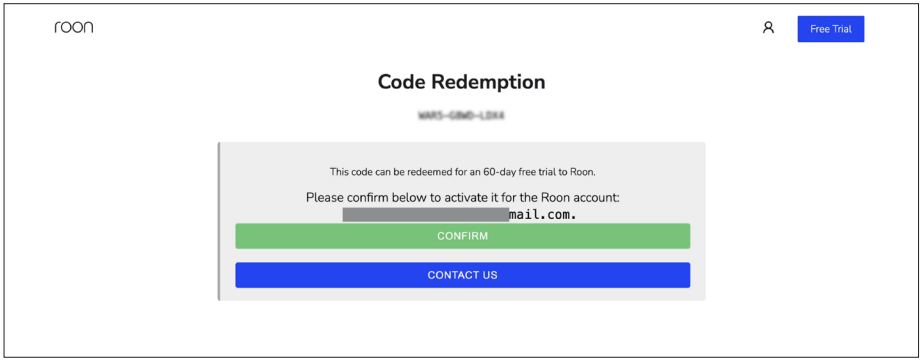


6.3. Sign in to your existing Roon account or sign up for a new one by providing the required credentials.





6.4. Redeem your 1-year free subscribtion and confirm.

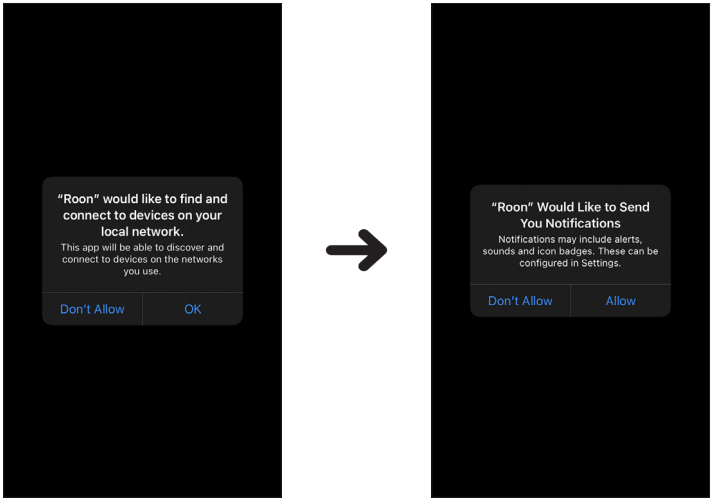


7. Roon App Installation and Setup

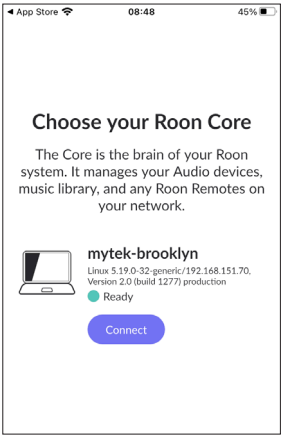
7.1. Download the Roon app for desktop or Roon Remote for mobile device from the official website: [https://roon.app/en/downloads]. Or scan a QR code below

Next, you need to log in and configure the Roon app. The following steps were performed using the Roon Remote app on an iPhone. The configuration process is very similar for other devices, but keep in mind that it may not be identical in every aspect.

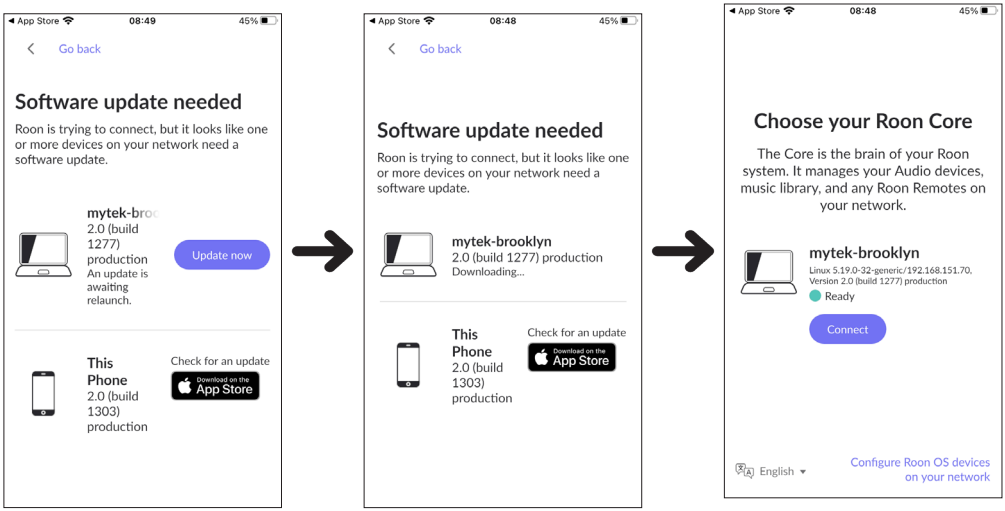
7.2. Launch the Roon app. During the initial startup, grant the app necessary permissions for notifications and local network access for full functionality.



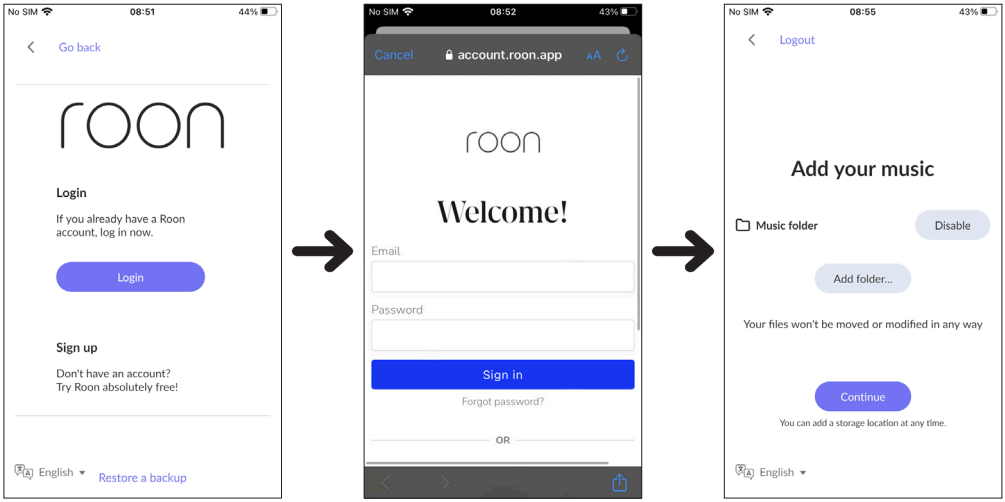
7.3. Select your Brooklyn Bridge II Roon Core from the list of available devices. It should appear as 'mytek-brooklyn'.



7.4. If an update is required for the Roon Core, you will be prompted with an 'update now' notification. Proceed with the update and await its completion.

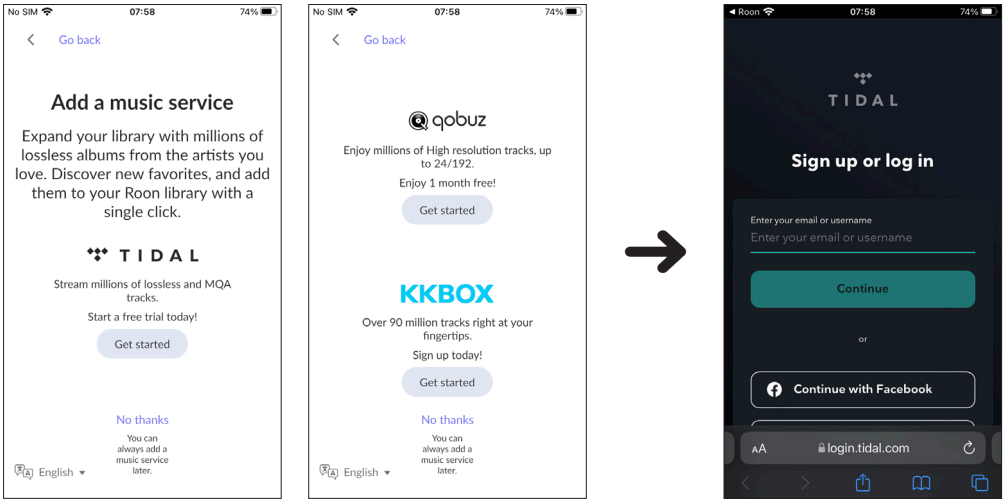


7.5. Log into your Roon account using a valid license. Upon successful login, you may encounter a screen inviting you to add music to your library from your personal cloud storage. This step is optional and can be skipped if not desired.



For detailed guide how to setup your own music library head to the paragraph 8 on page 16.

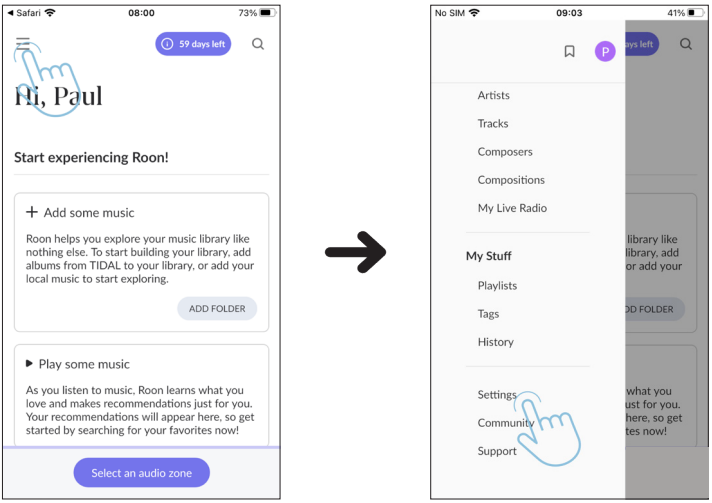
7.6. Next, connect to your preferred streaming service, such as Tidal. Click the 'Get started' button which will redirect you to the Tidal login page. Enter your Tidal credentials to link the service to your Roon account.



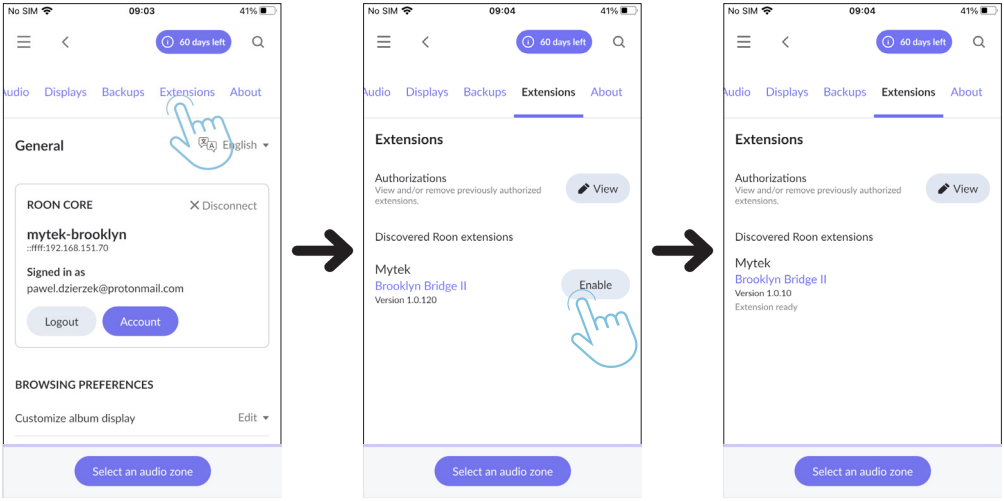
With the Roon app now set up on your device and the streaming service connected, the final step is to link the app with your Brooklyn Bridge II streamer.

8. Connect the Brooklyn Bridge II to the Roon App

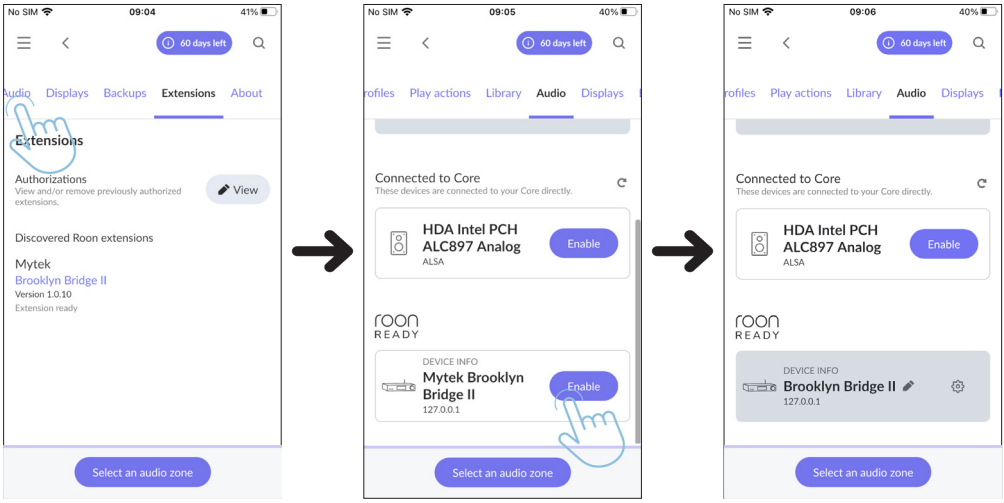
8.1. Access the app's menu on the top left corner of the screen and choose the 'Settings' option.



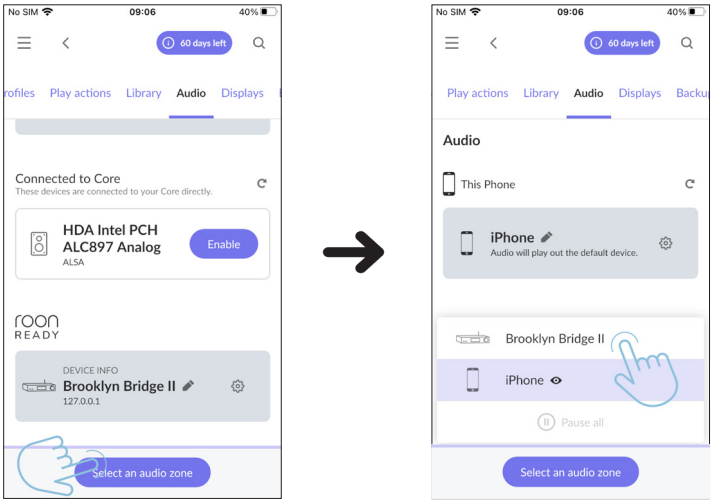
8.2. Navigate to 'Extensions' and ensure it indicates 'Extension ready' or proceed with the 'Enable' option if necessary.



8.3. In the 'Audio' menu, locate Mytek Brooklyn Bridge II device from Roon Ready section and select 'Enable'.



8.4. Select the correct audio output using the 'Select an audio zone' option at the bottom of the screen.



Now you can listen music through Brooklyn Bridge II streamer using your favourite streaming service. If you want to listen your own music from your personal library you should move on to the page 22.

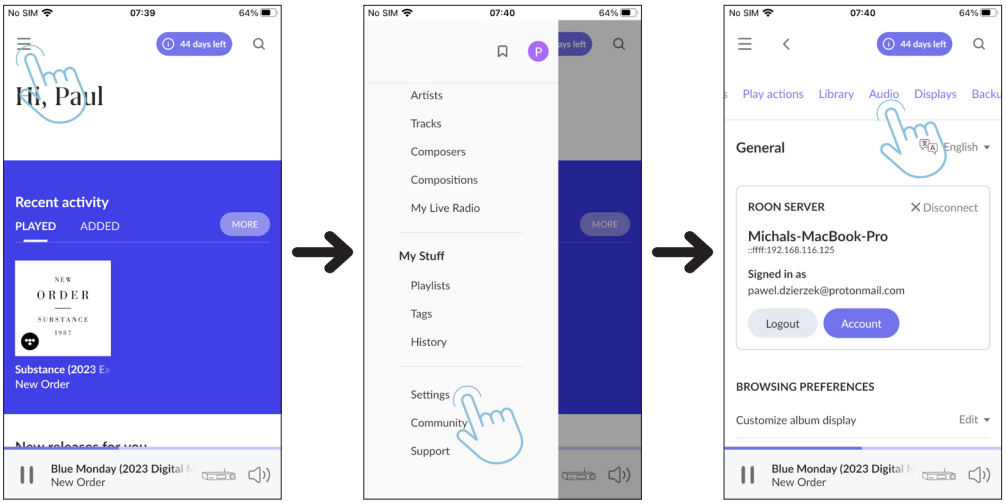
9. Using Brooklyn Bridge II with external DAC

Our device is equipped with what we believe to be some of the best DACs (Digital-to-Analog Converters) available on the market. However, if for any reason you wish to use your previous DAC, or if you're interested in comparing both devices, such an option is also possible in this streamer. Below is a guide outlining the steps to stream music from Brooklyn Bridge using an external digital-to-analog converter.

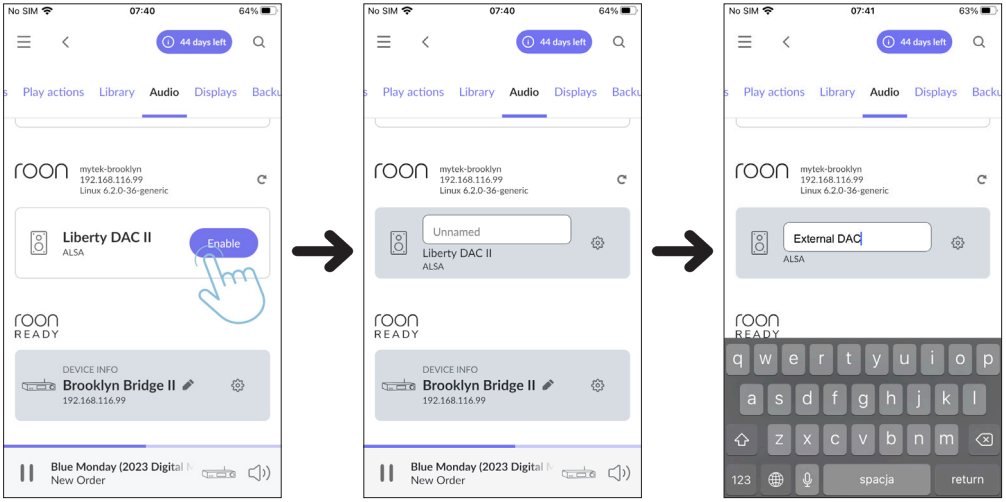
9.1. Connect external DAC using USB cable and plug it into Brooklyn Bridge's USB 3.0 port. Make sure that both devices are turned on.

Remember, if you want to stream music from the BBII using an external DAC, Brooklyn Bridge must be set in the default 'built-in Roon Core' mode. If you previously switched the function to External Roon Core, you will need to revert to the previous mode using the instructions in paragraph 5.

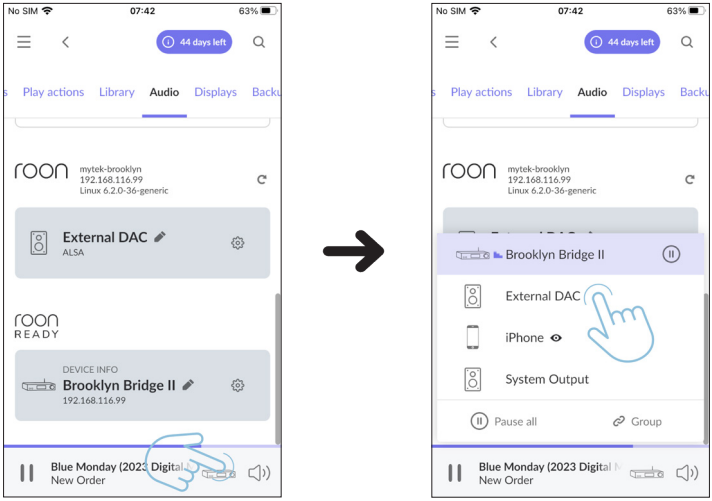
9.2. In Roon head to settings menu and choose ‘audio’ option



9.3. In Audio option slide down until you see your external DAC, click on ‘enable’. You can also name it if you want.



9.4. Select your DAC as your endpoint device.



Now, your music will be streamed through the Brooklyn Bridge II and transmitted to your speakers via an external DAC.

10. Roon introduction and usage guide

The Roon service is the answer for the most demanding audiophiles who like to have everything at their fingertips in one app. From within the app, users can access their favorite streaming services and create their own music libraries from their private collections. Roon also boasts an extensive database about most well-known musicians and bands. With Roon, you can not only enjoy music in the best quality but also read about your favorite artists, stay up-to-date with the latest music world news, and follow the activities of individual musicians from various bands. Therefore, we recommend familiarizing yourself with all the features and capabilities of Roon, for which instructional videos can be viewed on the Roon Labs main page on YouTube.

In particular, we recommend checking out:

- Roon Introduction Video:
https://www.youtube.com/watch?v=ceTmrfzzyt0

- Roon Walkthrough Video:
https://www.youtube.com/watch?v=q7qBMeTJWAQ&t

- How to Add Your Own Music to Roon Cloud:
https://www.youtube.com/watch?v=7eo8d15O0sM&t

Warning

Sound exposure from speakers and headphones at high levels can lead to hearing loss. To ensure safe usage, we advise avoiding extended listening at high volume levels.

For Customers in the U.S.A.

Our equipment has undergone testing and meets the standards set by the FCC for Class A digital devices, according to Part 15 of the FCC Rules. These standards aim to provide reasonable protection against potential interference when the equipment is used in a commercial setting. Our equipment generates, uses, and may emit radio frequency energy, and failure to follow the instructions in the manual may result in harmful interference to radio communications.

We strongly advise against making any changes or modifications to the equipment without proper approval, as this may invalidate your authorization to operate it.

To comply with the FCC Rules, all cables used to connect peripheral devices must be shielded. This device is in compliance with Part 15 of the FCC Rules and operates subject to the following conditions:

It may not cause harmful interference. It must accept any interference received, including interference that may cause undesired operation.

CE Marking Compliance:

This product, marked with the CE symbol, is in compliance with the EMC Directive set by the European Community. This implies conformance to the following European standards:

• EN55103-1: Electromagnetic Interference (Emission)

• EN55103-2: Electromagnetic Susceptibility (Immunity)

Intended for use in the following Electromagnetic Environments: E1 (residential), E2 (commercial and light industrial), E3 (urban outdoors), E4 (controlled EMC environment, ex. TV studio).

Information on Disposal for Users of Waste Electrical & Electronic Equipment (private

The Wheelie Bin symbol on our products and documentation signifies that discarded electrical and electronic equipment should not be disposed of with regular household waste. Proper disposal of this product is essential to conserve valuable resources and protect human health and the environment.

To properly dispose of hazardous materials and recycle the device, it is the user's responsibility to return it to a designated collection point for electrical and electronic waste. For additional information, please reach out to your local authorities, waste management facilities, or authorized retailer.