



The NuPrime Evolution Stream is a high-performance music server that seamlessly integrates with HiFi systems and supports multiple streaming services. Compatible with Roon Core and DLNA, it can be managed through the VitOS Manager app.

EVOLUTION-STREAM
USER'S MANUAL

Table of Contents

FCC Notice - Declaration of Conformity Information	2
EU Declaration of Conformity	3
Safety Instructions.....	4
Designed for Uncompromized Audio Performance	7
Front Panel	10
System Setup	13
Advanced Connection Diagram	14
Use Mobile Device to Control Evolution Stream	16
How to use HQPlayer NAA for Evolution Stream	22
How To Use Roon Server on Evolution Stream	33
How to use the Orbiter Plugin for Evolution Stream	39
How to use Spotify Connect on Evolution Stream	44
How To Use DLNA Renderer on Evolution Stream	48
NuPrime's Limited Warranty and Limitation of Liabilities	52

FCC Notice - Declaration of Conformity Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: Only peripherals complying with the FCC class B limits may be attached to this equipment.

Changes or modifications made to this equipment, not expressly approved by us or parties authorized by us could void the user's authority to operate the equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

EU Declaration of Conformity

CE Hereby, NuPrime Audio, Inc. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC.

The manufacturer of this product is NuPrime Audio, Inc., 30 N Gould St. Ste N, Sheridan, WY 82801, USA.

The Authorized Representative for EMC and product safety is NuPrime Audio, Inc., 30 N Gould St. Ste N, Sheridan, WY 82801,

For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

For Customers in Europe



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The

recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Safety Instructions

There are two categories of Safety Instructions included in this manual:

- Product Warnings, (i.e., what must never be done to assure avoiding those hazards that could cause bodily injury or property damage); and
- User Directions (i.e., what must always be done to assure the safe use of your device).

The Safety Instructions contained in this manual have been categorized in accordance with the seriousness of the potential hazards through the use of Signal Words. Those Signal Words, and their intended meanings, are as follows:

DANGER: Indicates that a failure to observe the Safety Instructions could result in death or catastrophic bodily injury.

WARNING: Indicates that a failure to observe the Safety Instructions could result in serious bodily injury.

CAUTION: Indicates that a failure to observe the Safety Instructions could result in minor bodily injury or property damage.

NOTE: Designates important information that relates to activities and/or conditions that might result in loss of data and/or damage to your device.

Safe Use and Operation of Your Device

This equipment emits stray RF energy and will interfere with the reception of signals by airborne electronic navigational devices or medical devices. Do not operate this equipment near any sensitive medical devices.

WARNING: Use only grounded AC power cords.

Always immediately disconnect the power to the equipment in the event the device emits an unusual odor or sound or generates smoke.

WARNING: Never attempt to disassemble, repair or make any modification to your device. Disassembly, modification or any attempt at repair could cause bodily injury or property damage, as well as damage to the device itself.

WARNING: Your device is not a toy. Never allow children to play with your device. Misuse, rough or improper handling of your device by children could result in serious bodily injury for any of the enumerated safety warnings in this manual. In addition, always keep all accessories and components out of the reach of small children as small parts might present a choking hazard. Seek immediate medical attention if choking occurs or if any small part has been swallowed.

CAUTION: Never raise the sound volume level too high when using your device with earphones. An excessive sound volume level could cause damage to your hearing.

WARNING: To reduce the risk of fire or electric shock, do not expose the unit to moisture or water.

Do not allow foreign objects to get into the enclosure. If the unit is exposed to moisture, or a foreign object gets into the enclosure, immediately disconnect the power cord from the wall.

Take the unit to a qualified service person for inspection and necessary repairs.

Read all the instructions before connecting or operating the component.

Keep this manual so you can refer to these safety instructions.

Heed all warnings and safety information in these instructions and on the product itself. Follow all operating instructions.

Do not use this unit near water.

You must allow a minimum 10 cm or 4 inches of unobstructed clearance around the unit.

Do not place the unit on a bed, sofa, rug, or similar surface that could block the ventilation openings. If the unit is placed in a bookcase or cabinet, there must be ventilation of the cabinet to allow proper cooling.

Keep the component away from radiators, heat registers, stoves, or any other appliance that produces heat.

The unit must be connected to a power supply only of the type and voltage specified on the rear panel. Connect the component to the power outlet only with the supplied power supply cable or an exact equivalent. Do not modify the supplied cable.

Do not route the power cord where it will be crushed, pinched, bent, exposed to heat, or damaged in any way. Pay particular attention to the power cord at the plug and where the cord exits the back of the unit.

The power cord should be unplugged from the wall outlet during a lightning storm or if the unit is to be left unused for a long period of time.

Immediately stop using the component and have it inspected and/or serviced by a qualified service agency if:

- The power supply cord or plug has been damaged.
- Objects have fallen or liquid has been spilled into the unit.
- The unit has been exposed to rain.
- The unit shows signs of improper operation.
- The unit has been dropped or damaged in any way

The NuPrime Evolution Stream is a high-performance music server that seamlessly integrates with HiFi systems and supports multiple streaming services. It features a low-power Intel CPU, audio-grade SSD, enhanced USB ports for audio and storage, and advanced noise-reduction technologies, including an ultra-low noise power supply and grounding design. Compatible with Roon Core and DLNA, it can be managed through the VitOS Manager app.

Designed for Uncompromized Audio Performance

The Evolution Stream is the perfect choice for music enthusiasts, offering seamless access to your digital music library whenever you desire.

1. Effortless Control & Seamless Performance – Install and run multiple applications effortlessly for an uninterrupted experience. Manage your music server with ease using the VitOS Manager mobile app.
2. Precision Audio: Equipped with dual dedicated TCXOs (Temperature Compensated Crystal Oscillators), one for each Ethernet port, this system prevents clock signal interference, ensuring highly accurate timing. The 10MHz TCXO minimizes network latency and jitter, providing flawless audio playback.



3. Interference-Free Listening: EMI noise-filtering technology effectively eliminates electrical interference, ensuring a pure listening experience.

4. **Optimized Storage:** Equipped with a high-performance 250GB SSD optimized for VitOS and application storage, the all-flash drive delivers low latency and ample capacity. Performance is further enhanced by an EMI absorber and a dedicated power regulation circuit, isolating power noise for superior audio playback quality. We advise against expanding the internal storage, as using an off-the-shelf SSD may degrade performance. For users with large local music libraries, external storage is recommended.
5. **Powerful Processing:** The 4-core CPU enables seamless Roon Core DSP transcoding, handling PCM to DSD256 effortlessly.

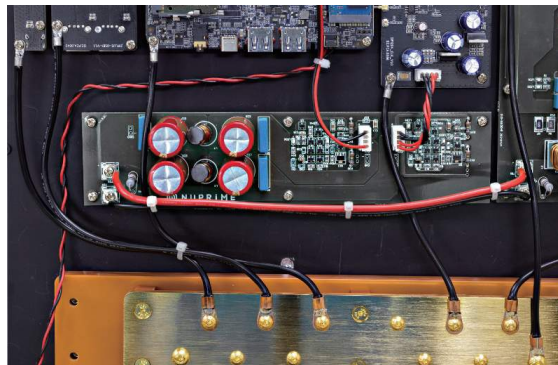


6. **DDR4 RAM:** The system features low-power 32GB DDR4 memory modules, ensuring smooth performance.
7. **High-Resolution Audio:** Supports USB audio output with resolutions up to DSD512 and PCM 768KHz, delivering exceptional audio quality.
8. **Enhanced USB Audio Output:** Utilizes advanced high-frequency filters to reduce noise and enhance USB audio output quality with clean 5V power.
9. **Player Port with Evolution Stream's subnet** for highest possible performance between itself and a Player such as Stream-9 or DLNA clients.
10. **External Storage Ready:** High current USB ports for external storage.
11. **Clock Upgrade Ready:** The system supports an external 25MHz Word Clock input, with a gold-plated 10MHz port for superior accuracy.

12. Clock Source Flexibility: Includes an internal/external clock selector, allowing seamless switching between clock sources for optimal configuration.
13. Power Input Noise Filtering: Incorporates a high-frequency noise filter in the power input module, ensuring accurate signal transmission with minimal noise and perfect phase synchronization.

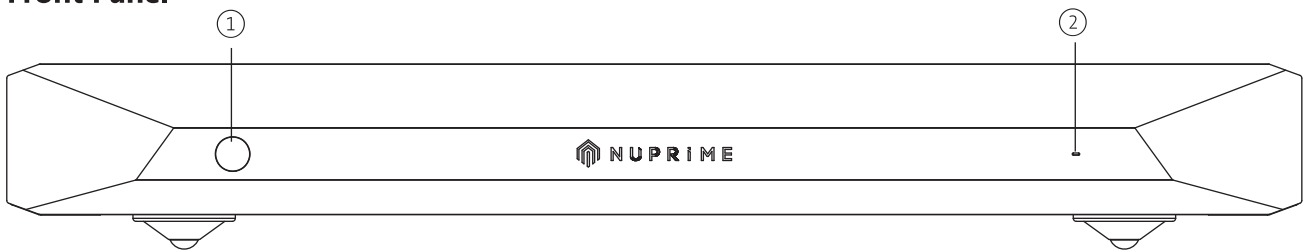


14. Dual Gigabit Ethernet Ports: Includes two Gigabit Ethernet ports: one for network connectivity and the other optimized for direct connection to an audio player.
15. Grounding terminal for dedicated ground connection to reduce power noise. Internal grounding adapter to reduce ground noise.



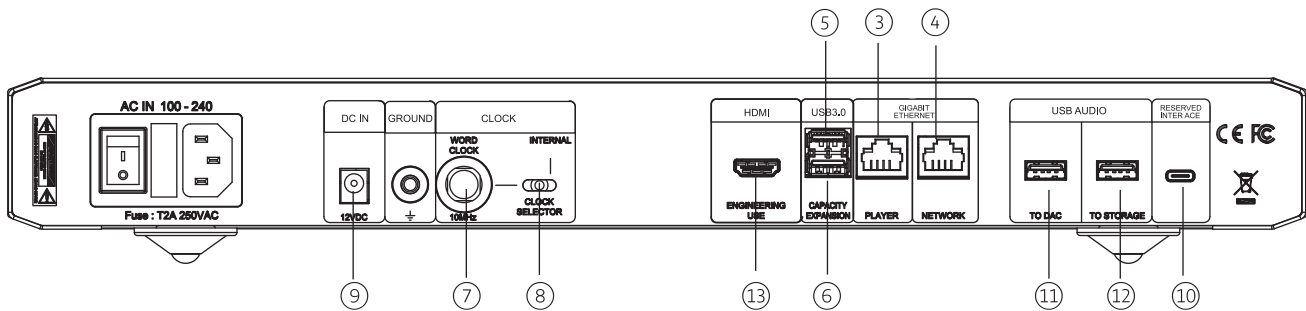
User Guide

Front Panel



- ① Power Button
- ② Power Status Indicator
When AC power is on, it shows White Light.
When DC power is on, it shows Blue Light.

Rear Panel



- ③ Player Port
Supports both 1000Mbps and 100Mbps Ethernet networks.
- ④ Network Port
Supports both 1000Mbps and 100Mbps Ethernet networks.
- ⑤ Capacity Expansion Port USB 3.1 (USB 2.0 compatible)
- ⑥ Capacity Expansion Port USB 3.1 (USB 2.0 compatible)
- ⑦ Clock Input
10MHz clock Input port (BNC interface, 50 / 75 ohm impedance auto-detection)
- ⑧ Clock Selector space(Slide the switch when the device is turned off)
To use external clock, slides away from the INTERNAL label
To use internal clock, slides to the INTERNAL label
- ⑨ DC Input
5.5mm x 2.5mm DC 12V low noise power input
- ⑩ Type-C Interface
Reserved interface
- ⑪ USB Audio Output Port
- ⑫ Capacity Expansion Port For Storage
USB 2.0
- ⑬ Maintenance Port
Only for engineers to maintain equipment, do not use

Specifications

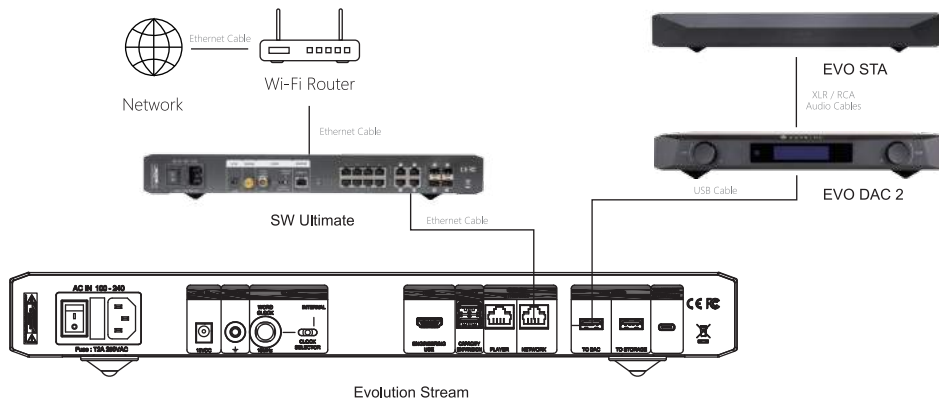
- CPU: Intel Quad-core CPU J6413
- RAM: 32GB
- Storage: NVMe SSD: 250G installed
- Word Clock: Highly Accurate TCXO Clock
- External Clock Input Port: 10MHz x 1
- Ethernet: 1GbE x 2
- Expansion USB Port:
- USB 3.1 x 2
- USB 2.0 x 1
- USB Audio Output: Second Generation USB Audio Output with Improved Noise Reduction Enhancement
- Type-C: 1
- Multiple Audio Players Output Simultaneously: Up to 10
- PCM: Up to 768KHz 32-Bit
- DSD Playback: Up to DSD512
- Roon DSP Transcoding: Up to DSD256
- Dimension: 7.87(W) Inch X 2.56(H) Inch X 7.87(D) Inch (200(W) mm x 65(H) mm x 200(D) mm)
- Weight: 10Kg
- Fuse : Fast Blow 2A

Warranty: 3 years.

System Setup

! Make sure audio devices are all powered off.

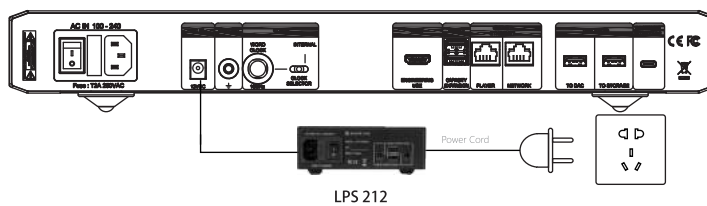
Connect Evolution Stream Network port to Nuprime SW Ultimate or WiFi router LAN port with an Ethernet cable. Connect USB Audio port to a USB DAC with the USB cable.



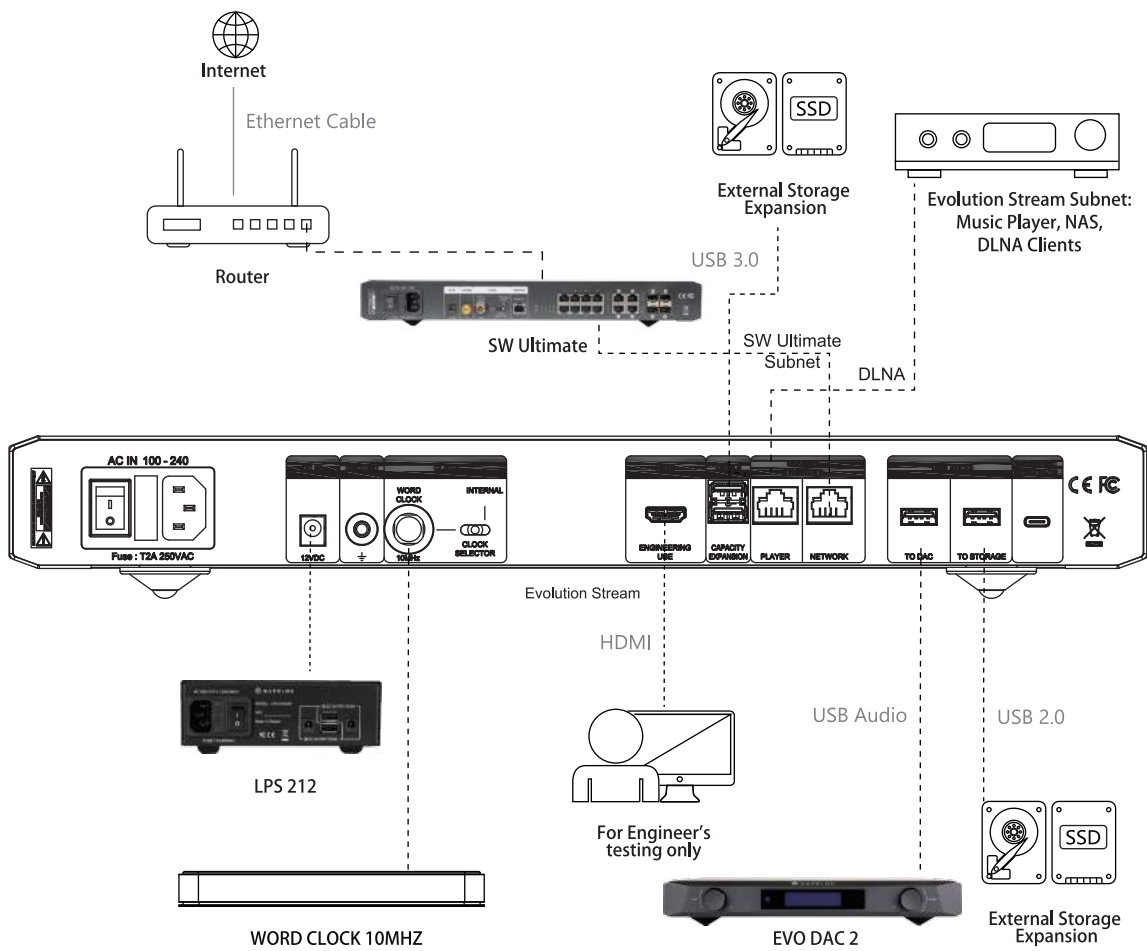
Using a low noise linear power supply instead of AC as power source

Connect the power adaptor to the circular power inlet in the rear panel.

Connect the power adaptor to the AC outlet with power cord (Make sure the power cord has been plugged into the power adaptor before plugging into the AC outlet on the wall).



Advanced Connection Diagram



Power On

Turn on the Evolution Stream by pressing the power button on the front panel. The power LED will illuminate.



Power on other audio devices

Install "VitOS Manager" App on a Tablet or Mobile Phone



iPad / iPhone
(iOS)



Android Pad / Phone
(Google Play)

Use "VitOS Manager" App to Control Evolution Stream

VitOS Manager allows users to control the network and system settings on devices running VitOS, with key functions such as network optimization, firmware update and service management.

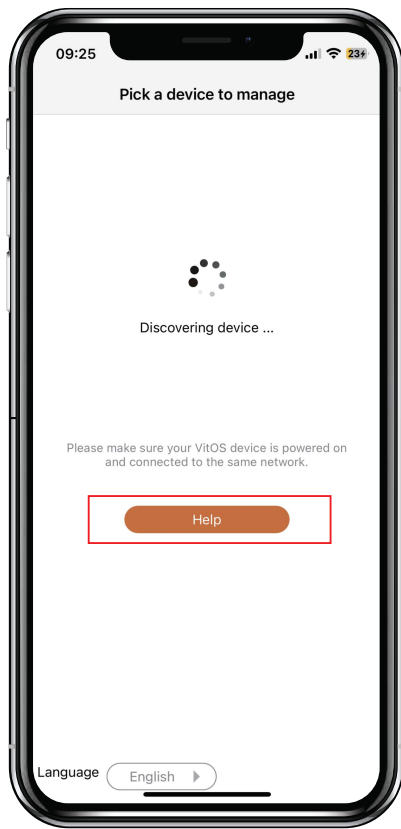
By using "VitOSManager" app on a iPad/iPhone/Android Pad/Android Phone, which is connected to the same LAN, you are able to discover Evolution Stream, install Roon Server to Evolution Stream, view system status of Evolution Stream, Please refer to the official website for more instructions <https://nuprimeaudio.com/>

Use Mobile Device to Control Evolution Stream

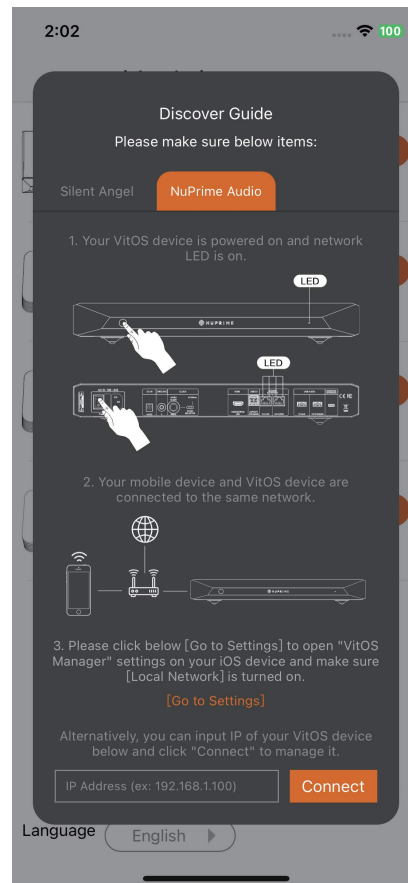


Device Search Guide

If the device cannot be found when connecting, click the "Help" button.



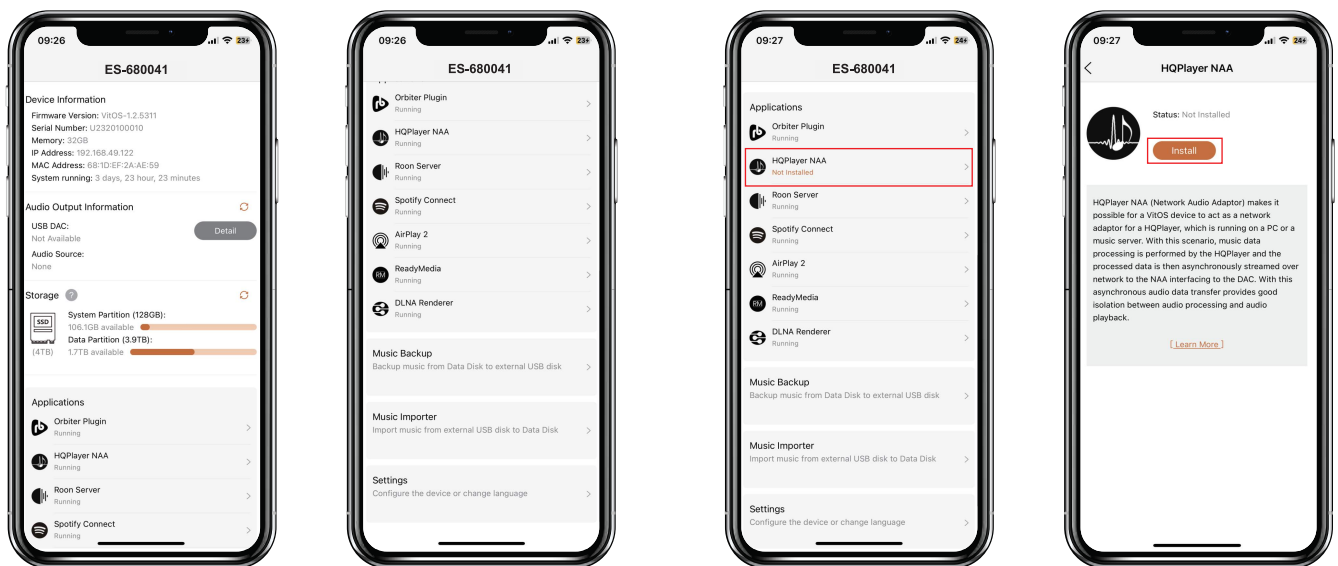
Enter the "Discover Guide" interface, enter the IP address of the Evolution Stream device in the space marked at the bottom of the interface, and then click "Connect".



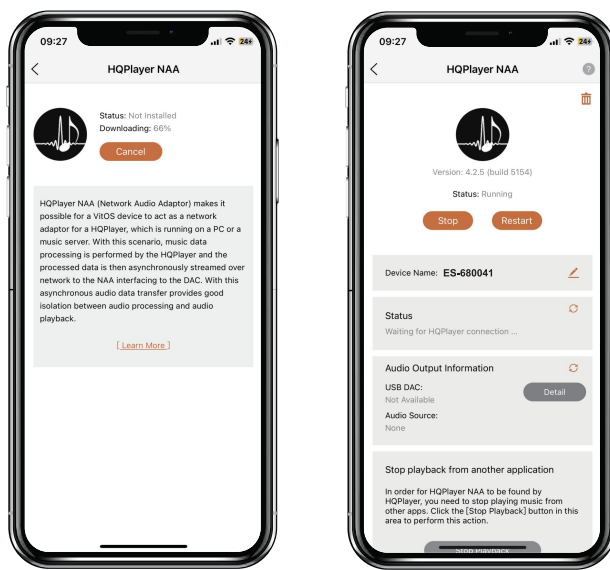
Install Applications

The connection to Evolution Stream is successful and the VitOS Manager main page is shown.

Before using the application, you need to confirm the installation status of the application. If "Running" is displayed, it means it has been installed. If "Not Installed" appears, click the corresponding application, and then click the "Install" button.



After installing the application, "Downloading" is displayed. Wait until the download is completed to "100%". If the status displays "Running", the installation is successful.



Install "VitOS Orbiter "App on a Tablet or Mobile Phone



Android Pad / Phone
(Google Play)



iPad / iPhone
(iOS)

VitOS Orbiter

The VitOS Orbiter is a software application designed to act as a controller and player for music streaming services within the VitOS environment.

VitOS Orbiter User Guide :



Application Introduction

Orbiter Plugin : Orbiter Plugin is an application plug-in that mainly builds music playback operations for VitOS devices. It is also an important program for VitOS Orbiter App to control VitOS devices.

HQPlayer NAA : HQPlayer NAA (Network Audio Adapter) enables VitOS devices to act as network adapters for HQPlayer running on a PC or music server. In this case, music data processing is performed by HQPlayer, and the processed data is then streamed asynchronously over the network to the NAA interfaced with the DAC.

Roon Server : Roon Server is a music management and playback solution. It can play music through audio streaming and provides rich music library browsing, search and recommendation functions. You can use it via the Roon App.

Spotify Connect : To use the functions of Spotify Connect, you need to install or open the Spotify App.

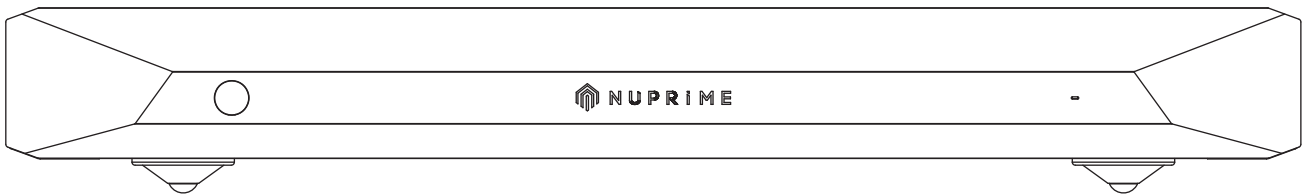
* For details on additional streaming services, please visit the product page on our website.

ReadyMedia : ReadyMedia (formerly known as MiniDLNA) is a DLNA server for VitOS devices with installed data disks. With ReadyMedia installed on this VitOS device, you can use DLNA-compatible devices or software to browse and play music on the data disk.

DLNA Renderer : DLNA Renderer is a music playback application that is compatible with the DLNA/UPnP standard. You can control the DLNA renderer to play music from DLNA servers (such as MinimServer and ReadyMedia) through the DLNA controller.

Other Streaming Services: VitOS Orbiter supports Tidal Connect and QQ Music. Qobuz is accessible through Roon in the 2024 release and may become available directly in VitOS when Qobuz Connect launches in 2025. For the latest updates and potential additions of other streaming services, please visit nuprimeaudio.com.

How to use HQPlayer NAA for Evolution Stream

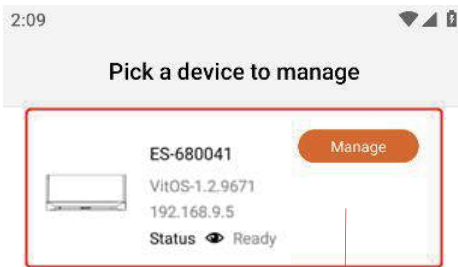


Before using HQ Player NAA

1. Please make sure that your computer has HQ Player 5 Desktop installed
2. Ensure that your mobile device has the latest version of the VitOS Manager application installed
3. And your computer, mobile device, and Evolution Stream need to be connected to the same network.
4. Make sure your Evolution Stream is connected to an USB DAC.

Step 1: Use vitos manager to control Evolution Stream , install HQPlayer NAA in Evolution Stream

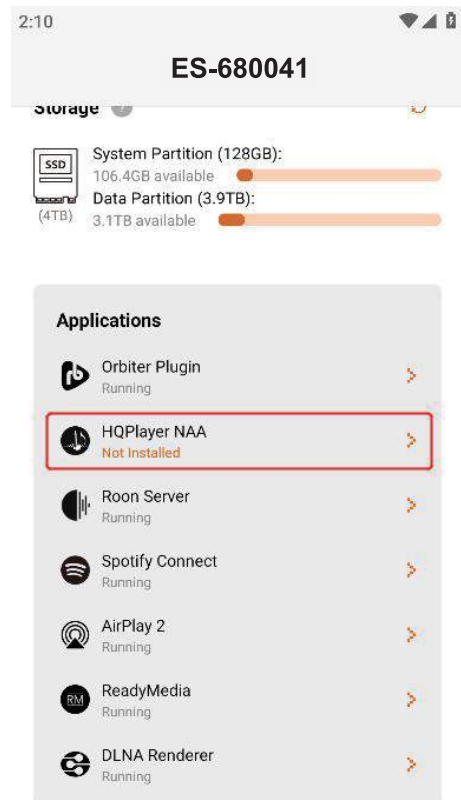
1.1 Power on the Evolution Stream and use the vitos manager app on your mobile device to discover the Evolution Stream. Below is a screenshot of vitos manager discovery Evolution Stream page.



After finding the Evolution Stream, click "Manage" to enter the main page of the Evolution Stream.

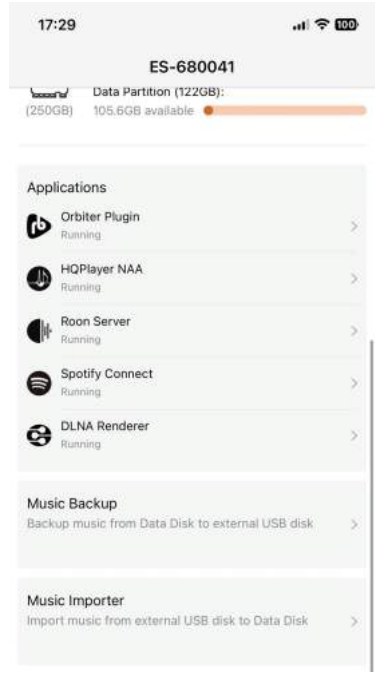
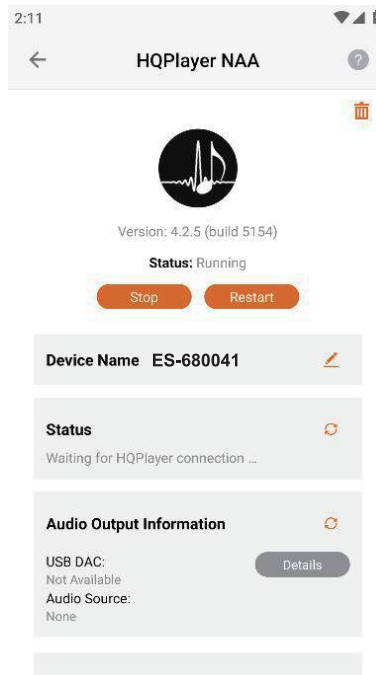
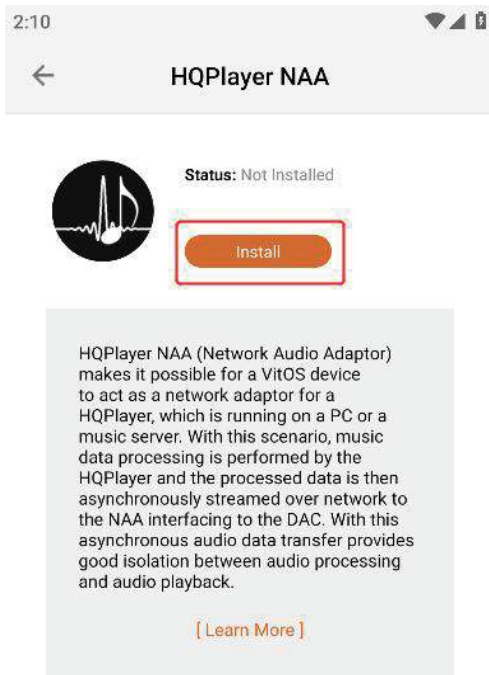
Language English

1.2 In the Applications section of the home page, check the status of the HQPlayer NAA. If the status is "Not Installed", you need to install HQPlayer NAA for this Evolution Stream. Click ">" to enter the HQPlayer NAA page.

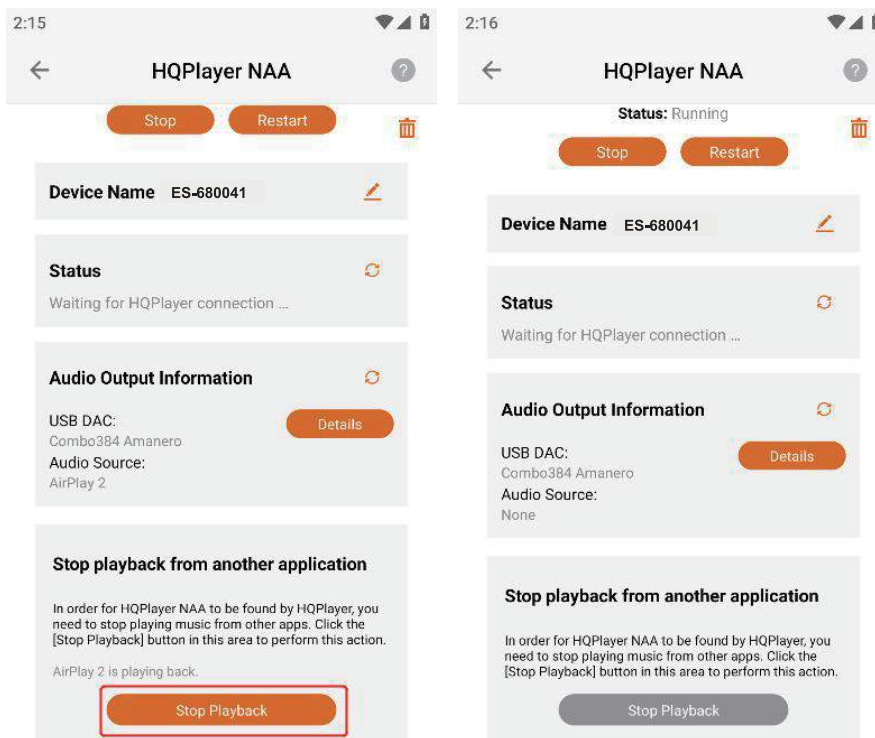


1.3 Click "Install" to install HQPlayer NAA to this Evolution Stream.

1.4 Wait for the installation to complete, and the status of HQPlayer NAA will be displayed as "Running", indicating that HQPlayer NAA has been started and running. The screenshot below shows the HQPlayer NAA page and home page.



1.5 In order for HQPlayer 5 Desktop on the computer to find the HQPlayer NAA of Evolution Stream, please make sure that Evolution Stream is not playing music in other apps. If the color of the "Stop play" Button on the HQPlayer NAA page is orange, it means that Evolution Stream is playing music in other apps, then you need to click the "Stop playing" Button. The color of the "Stop playing" Button is gray to indicate that the music has been stopped.



Step 2: Use the computer's HQPlayer 5 Desktop application to control Evolution Stream to play music

2.1 HQPlayer 5 Desktop application download link: <https://www.signalyst.com/consumer.html> Select the version corresponding to your computer to download

- Rockna [Wavedream NET](#)
- StackAudio [Link II](#)
- T+A [SD 3100 HV](#) and [SDV 3100 HV](#)
- totaldac [d1-streamer](#)
- exaSound [PlayPointDM](#), [Sigma Streamer](#), [Gamma Server](#) and [Delta Server](#)

Control applications:

- HQPlayer Client (included, Windows/macOS/Linux)
- HQPDcontrol on [Android](#) and [iOS](#)
- [HQplayerd controller](#)
- [Alchemy Desktop](#)
- [Roon](#)

Note! If you have audio problems when using USB audio device with default settings, try increasing buffer time to 100 ms. This will most likely help.

Quick Start Guide

A really brief quick start guide can be found [here](#).

HQPlayer 5 Desktop: 5.4.0

[Download for Windows](#) trial / update.

[Download for arm64 macOS](#) trial / update.

[Download for x64 macOS](#) trial / update.

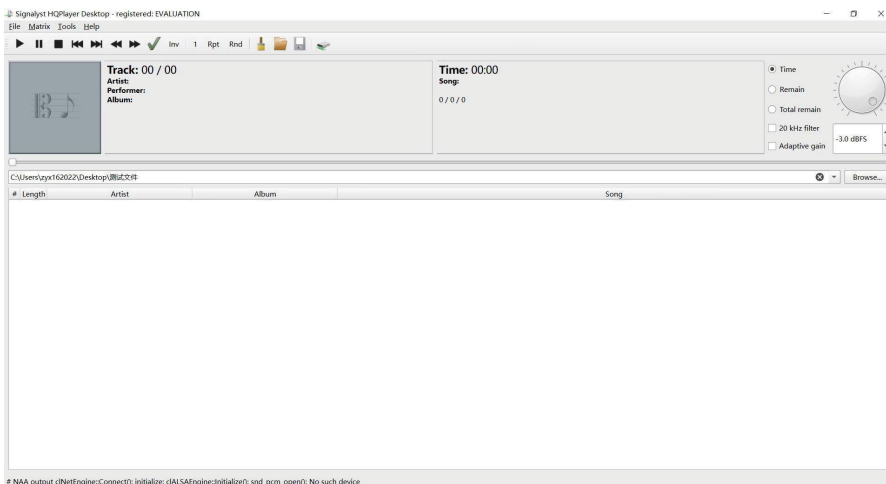
[Download for Ubuntu 22.04 / Linux Mint 21 \(generic x64\)](#) trial / update.

[Download for Ubuntu 22.04 / Linux Mint 21 \(AVX2 x64\)](#) trial / update.

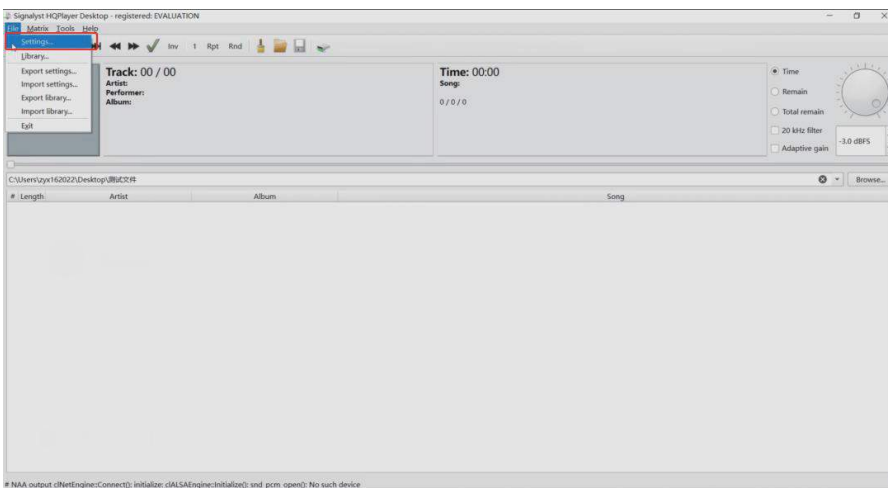
[Download for Ubuntu 22.04 \(Raspberry Pi 4\)](#) trial / update.

[Download for Fedora 37](#) trial / update.

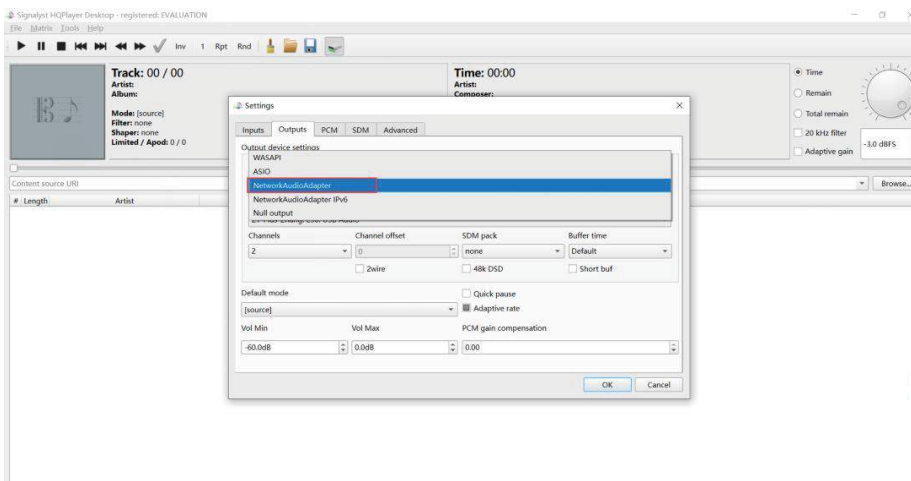
2.2 Open the HQPlayer 5 Desktop application on the computer



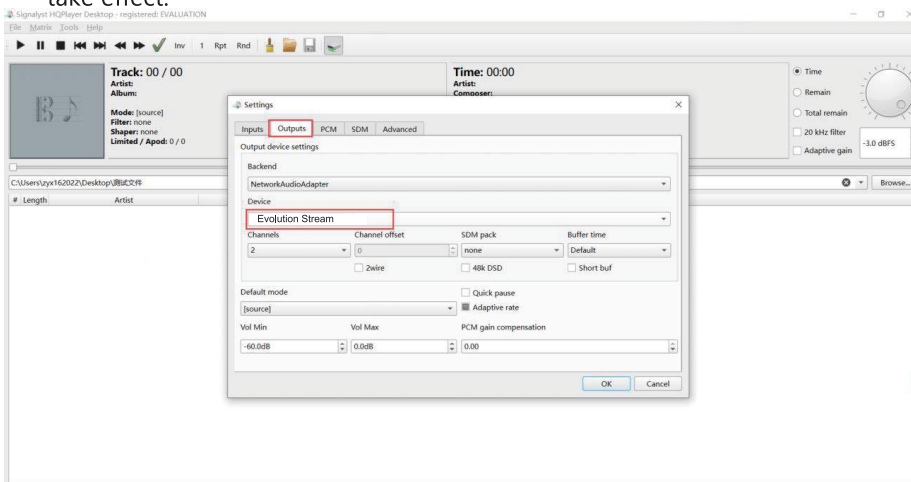
2.3 Select "File" In the upper left corner, and then click "Settings..." To open the "Settings" Page



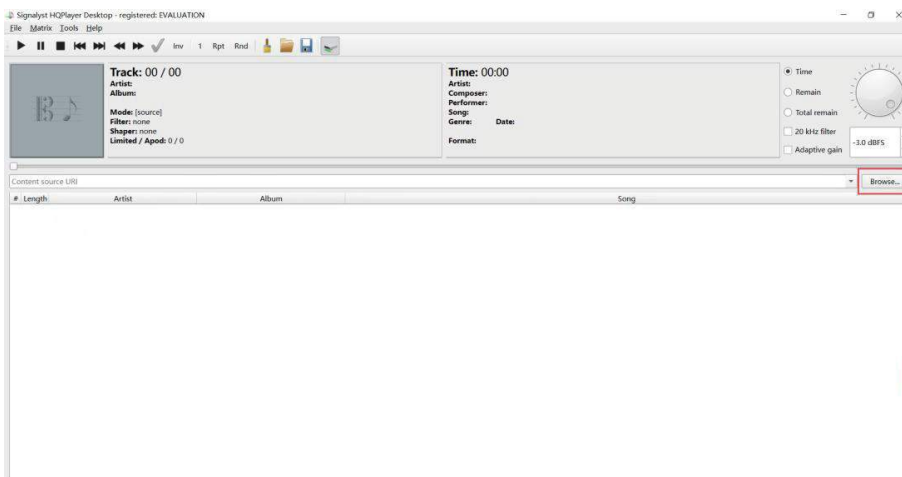
2.4 On the "Settings" page, find the "Backend" option in the "Outputs" interface and select "NetworkAudioAdapter".



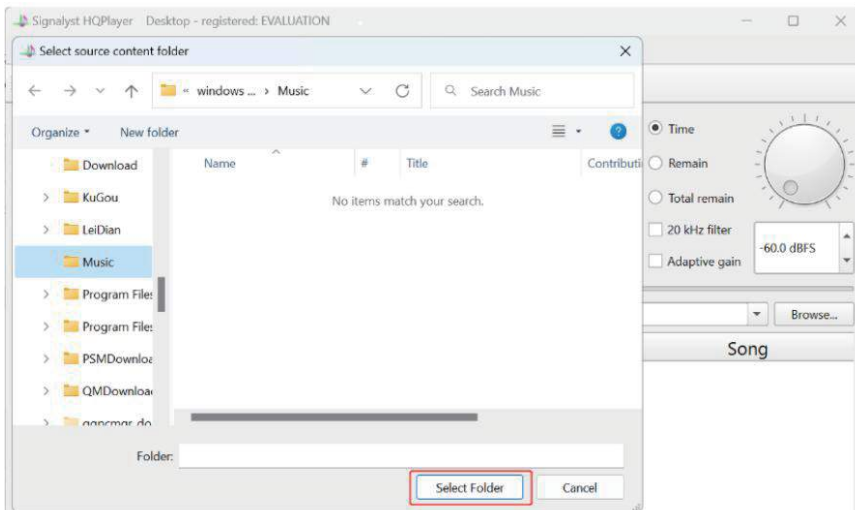
2.5 After selecting "Networkaudioadapter" In the "Backend" Option, the "Device" Option will automatically find out the Evolution Stream device that can be connected. After selecting the Evolution Stream device, click "Ok" To set it to take effect.



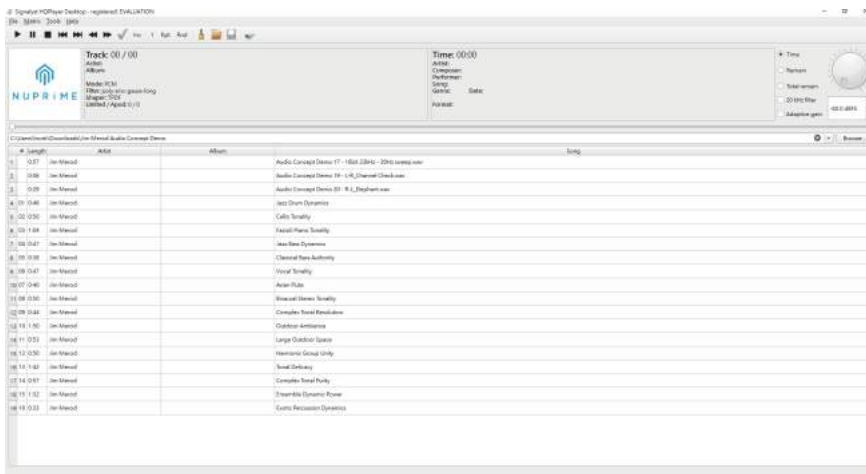
2.6 Click the "Browse..." Button to open the selected music content folder.



2.7 Select the folder where you save the music, and then click the "Select folder" Button.



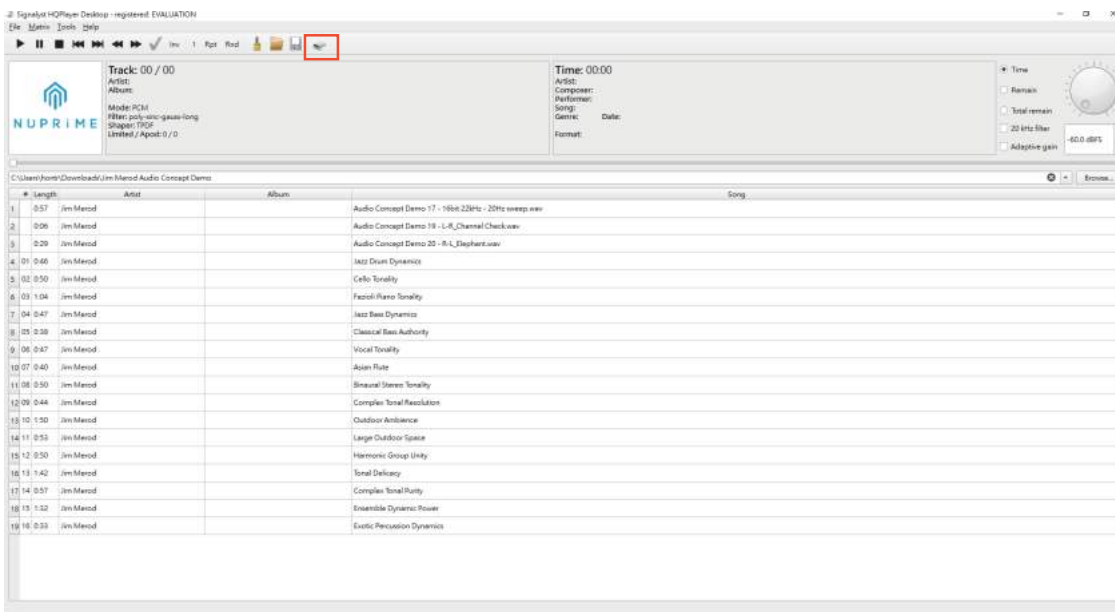
2.8 After importing the music file, select the music to start playing.



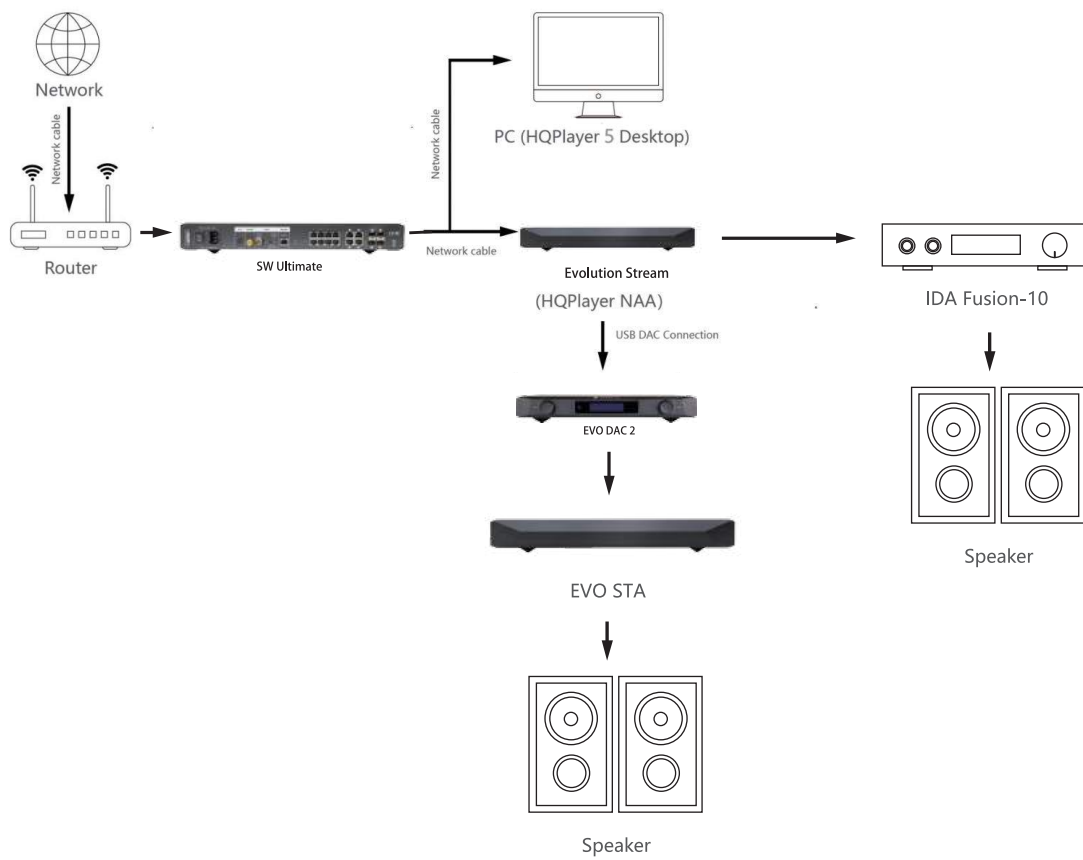
2.9 Install and open vitos manager, "HQPlayer NAA" Will be displayed in the audio source on the home page, indicating that Evolution Stream is playing songs from HQPlayer NAA.



2.10 Click the button marked above. When the background color of the button is dark gray (as shown in the figure below), it means that the hqpdcontrol app on the mobile phone can control the playback of hqplayer. (note: If you do not use the mobile app to play, you can ignore this step)



Reference:
Diagram of the connection of HQPlayer NAA and Evolution Stream

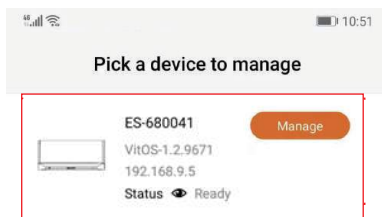


How To Use Roon Server on Evolution Stream

Before using Roon Server, please make sure your mobile device has Roon Remote app and VitOS Manager app installed. And make sure your mobile device is connected to the same network that Evolution Stream resides.

Step 1: Install Roon Server to Evolution Stream, and configure Audio Selector in Evolution Stream.

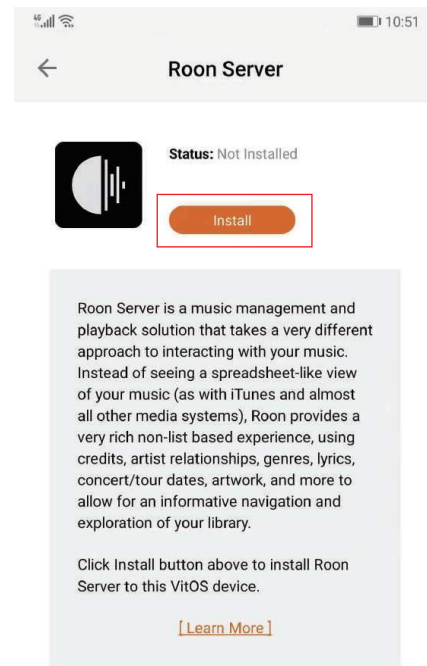
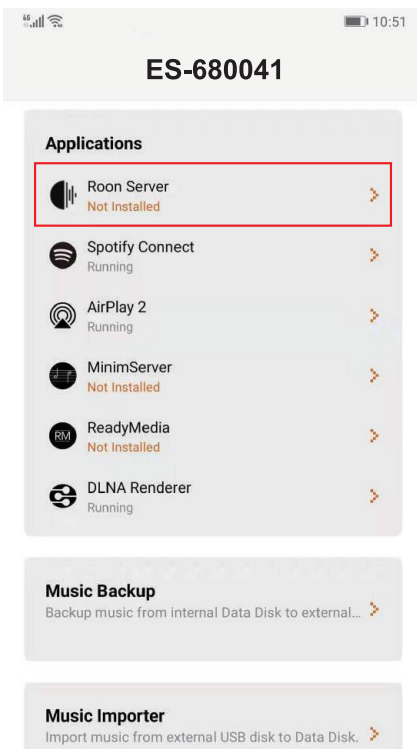
Power on Evolution Stream and use VitOS Manager app with mobile device to discover the Evolution Stream. What below shows the screenshot of the VitOS Manager discover page.



When the Evolution Stream is found, click on "Manage" to enter the main page of this Evolution Stream

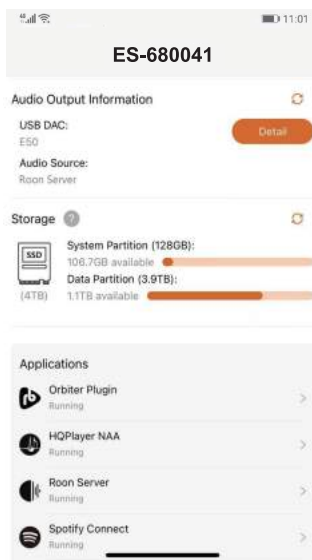
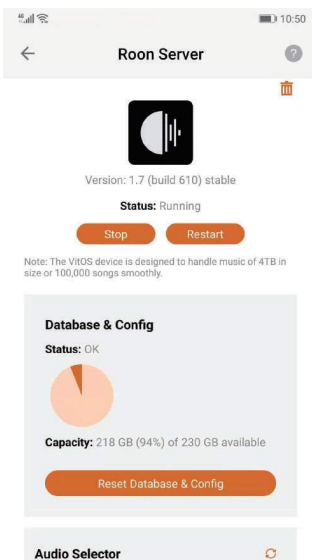
In the Applications section of main page, check the status of Roon Server. If the status is "Not Installed", you will need to install Roon Server to this Evolution Stream. Click on ">" to enter the Roon Server page.

Click on "Install" to install Roon Server to this Evolution Stream.



Wait until the installation is finished and it shows the status of Roon Server is "Running", which indicates Roon Server is up and running. Below screenshots show the Roon Server page and main page

Be noted to configure the Audio Selector to choose Roon Server as Audio Source. Click on "Change" and choose Roon Server to make Roon Server to use the USB DAC connected to this Evolution Stream.



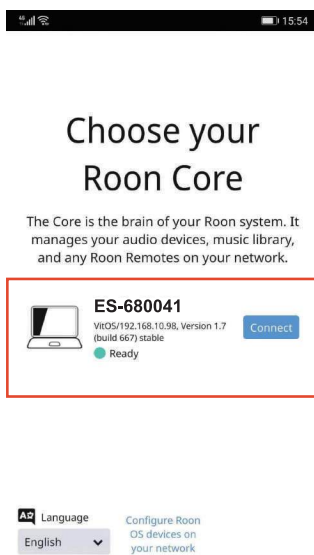
Step 2: Use Roon Remote app to control Evolution Stream to playback music

Use Roon Remote app with the mobile device to connect and control Evolution Stream. The following describes how to connect to Evolution Stream with Roon Remote app.

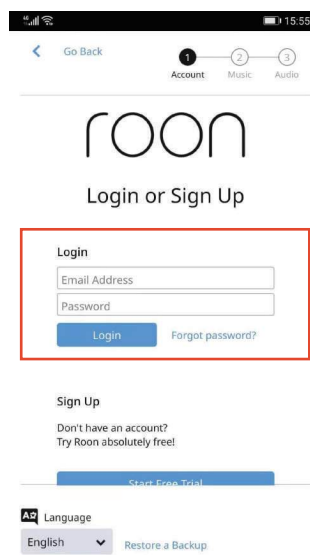
Connect the Evolution Stream and login with Roon account

Open Roon Remote app and wait for Rhein Evolution Stream V2 being shown in the discover page. Click on "Connect" to connect to the Roon Server of Evolution Stream and enter the login page..

Click on "Connect" to enter the login



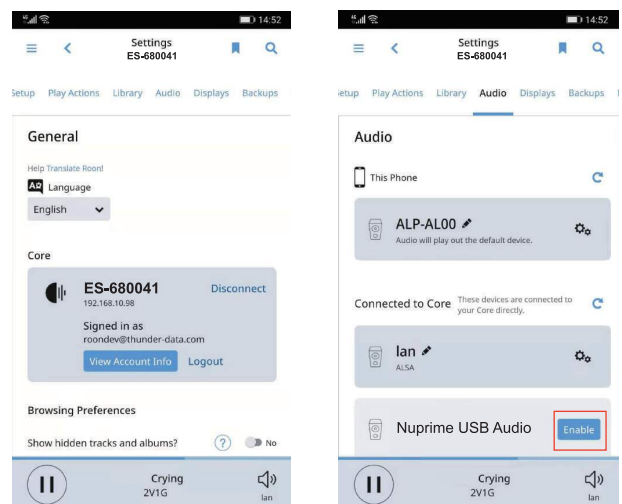
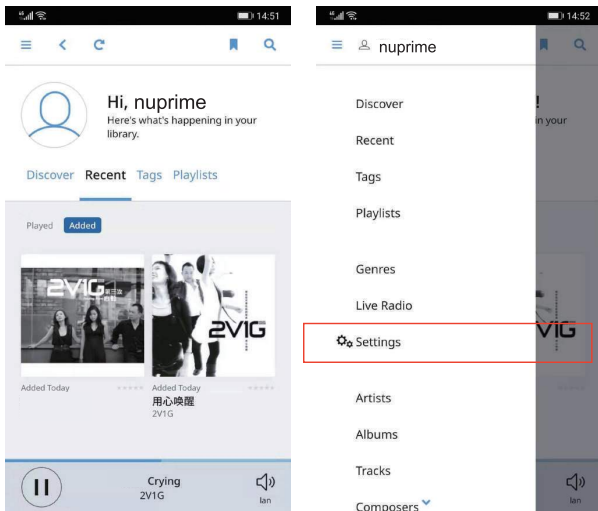
Enter the e-mail address and password of your Roon account and click on "Login" to enter the setup wizard to setup basic configurations.



Enable the USB DAC connected to this Evolution Stream

Click on the Menu button at the upper-left corner to enter the menu. Click on "Settings" to enter the settings page. Below screenshots shows the menu.

Slide the menu bar at the upper side to find "Audio" page header. Click on "Audio" to enter the audio setting page. Find the USB DAC connected to this Evolution Stream under the "Connected to Core" section and click on "Enable" to enable this USB DAC.

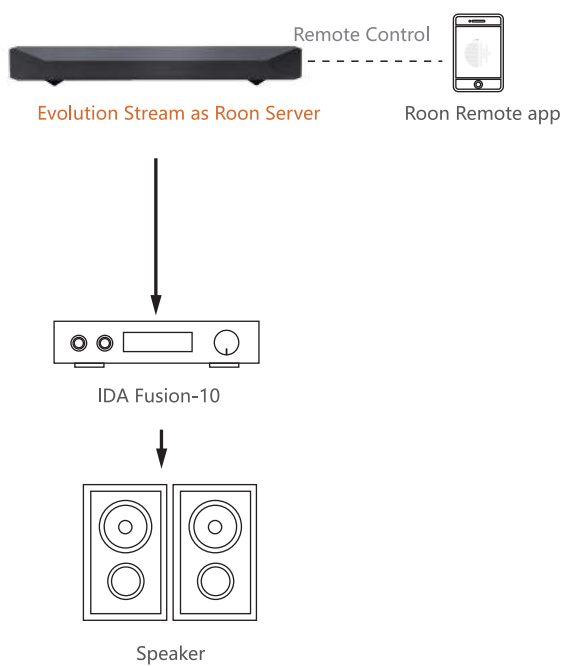


Reference:

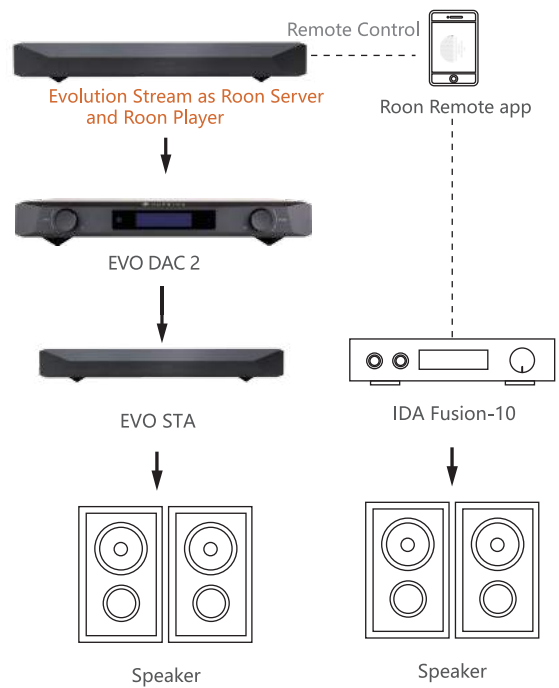
Understanding the relationship between Roon Server and Evolution Stream

The Evolution Stream with Roon Server installed, plays two roles in different scenarios. Below figures shows these two scenarios.

Scenario 1: Evolution Stream as Roon Server



Scenario 2: Evolution Stream as Roon Server and Roon Player



How to use the Orbiter Plugin for Evolution Stream

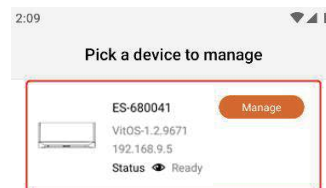
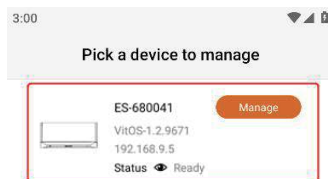
Before using Orbiter Plugin, please make sure your mobile device has installed the latest version of VitOS Orbiter and VitOS Manager applications, and also make sure your mobile device is connected to the same network as Evolution Stream

Step 1: Use VitOS Manager to control Evolution Stream , install Orbiter Plugin in Evolution Stream

1.1 Power on the Evolution Stream and use the VitOS Manager app on your mobile device to discover the Evolution Stream. Below is a screenshot of VitOS Manager Discover Evolution Stream page.

After finding the Evolution Stream, click "Manage" to enter the main page of the Evolution Stream.

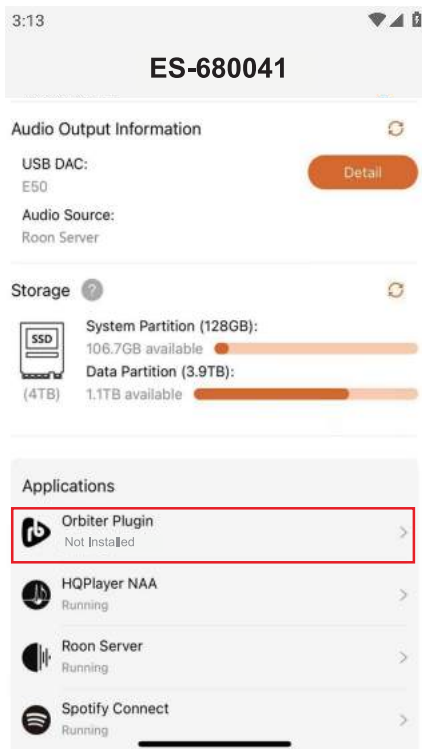
After finding the Evolution Stream, click "Manage" to enter the main page of the Evolution Stream



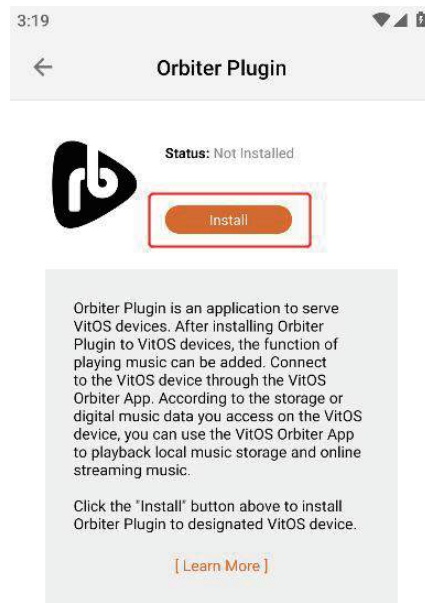
Language English

Language English

In the Applications section of the home page, check the status of the Orbiter Plugin. If the status is "Not Installed", you need to install the Orbiter Plugin for this Evolution Stream. Click ">" to enter the Orbiter Plugin page.

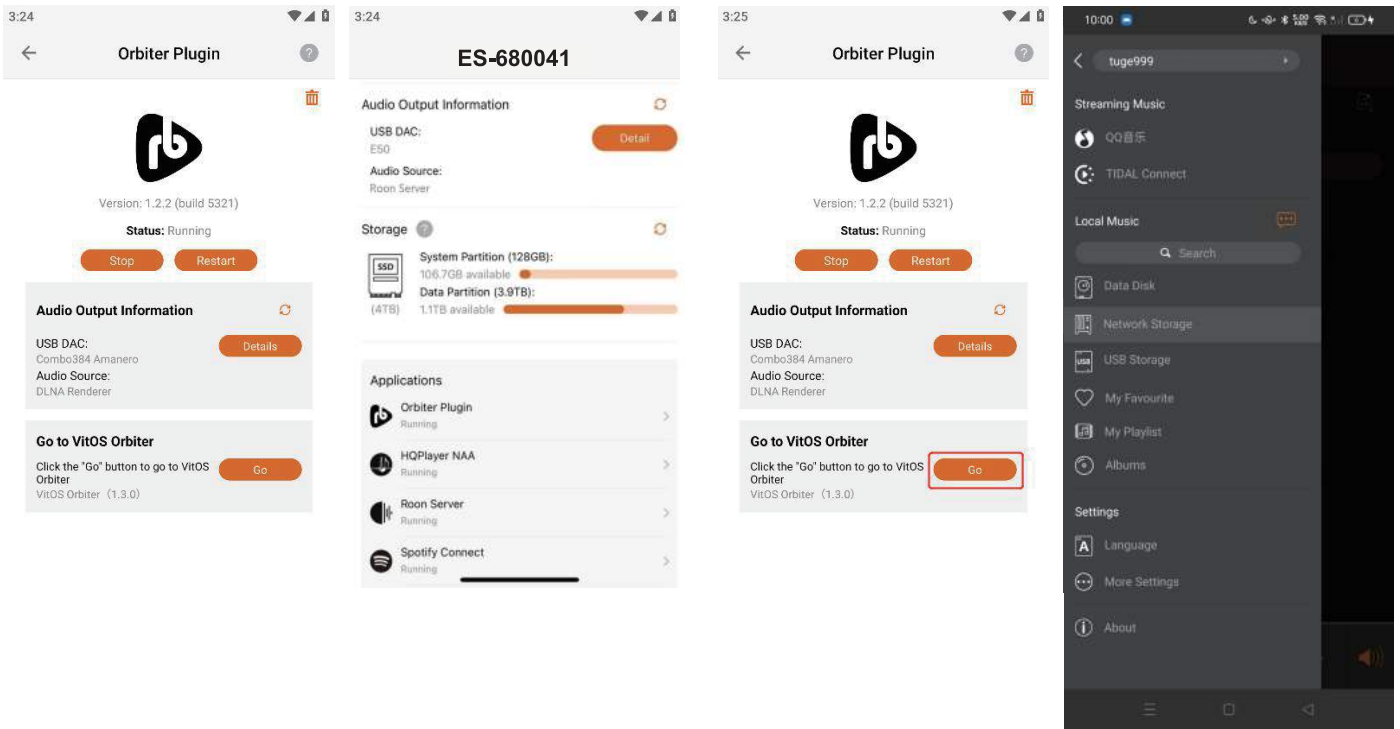


Click Install to install the Orbiter Plugin to this Evolution Stream.



1.4 Wait for the installation to complete, and the Orbiter Plugin status will be displayed as "Running", indicating that the Orbiter Plugin has been started and running. The screenshot below shows the Orbiter Plugin page and home page.

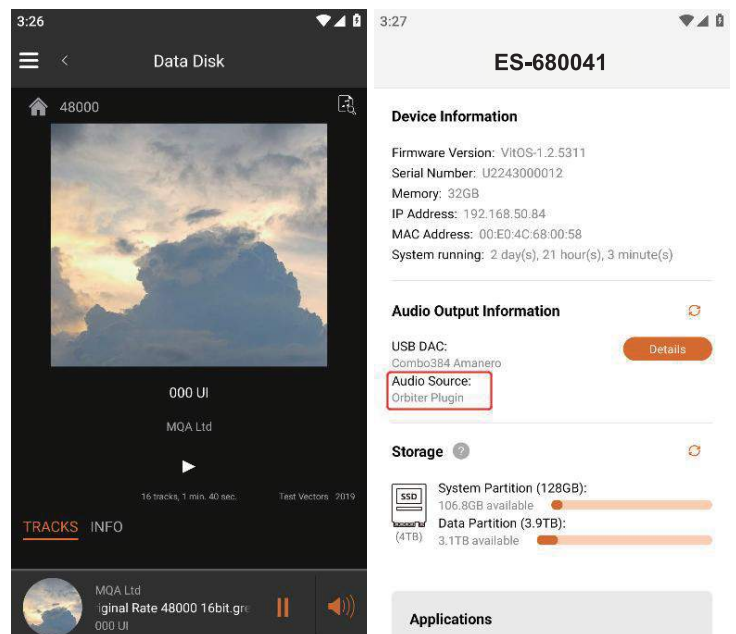
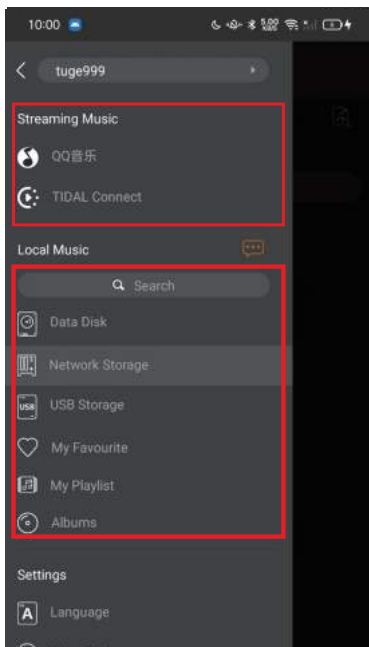
1.5 Click the "Go" button You can directly jump to VitOS Orbiter and connect to control Evolution Stream



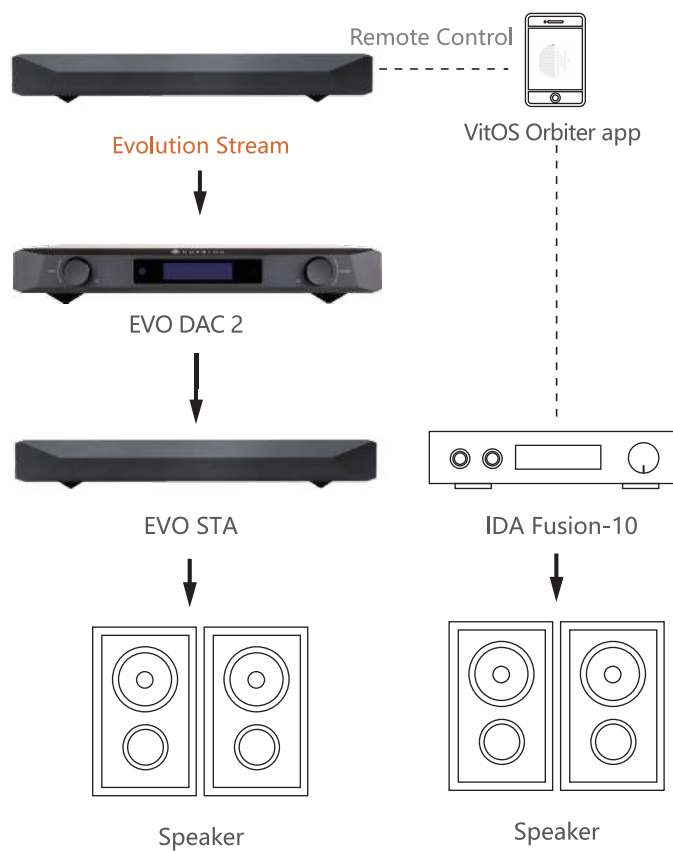
Step 2: Use the VitOS Orbiter app to control Evolution Stream to play music

2.1 Use the VitOS Orbiter app to control Evolution Stream to play streaming music or local music

2.2 After selecting music to play, open VitOS Manager, and the audio source on the home page will display " Orbiter Plugin ", indicating that Evolution Stream is playing songs from VitOS Orbiter.



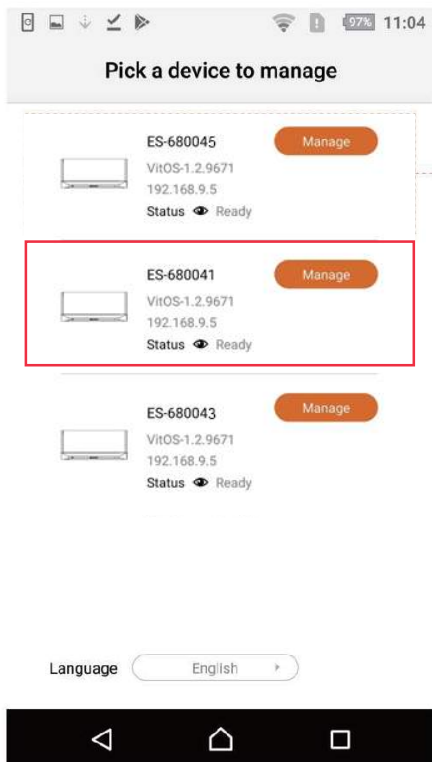
Reference:
Orbiter Plugin and Evolution Stream Association diagram of



How to use Spotify Connect on Evolution Stream

Step 1: Install Spotify Connect in Evolution Stream and setup audio selector of Evolution Stream

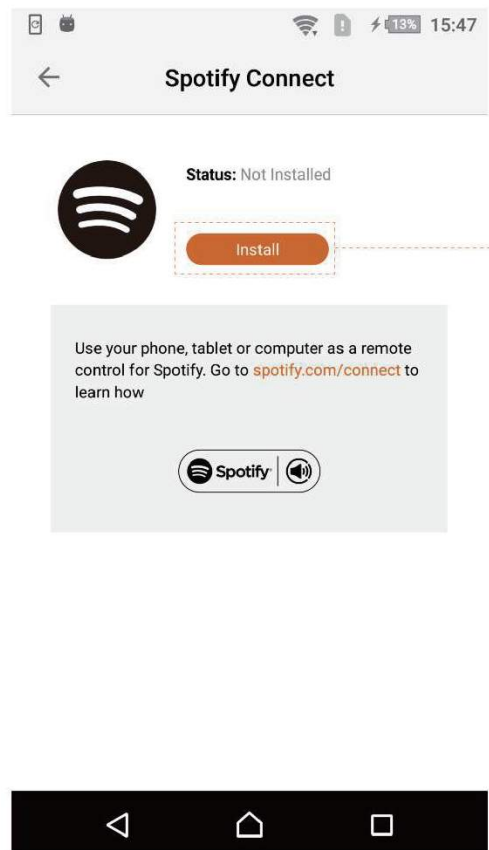
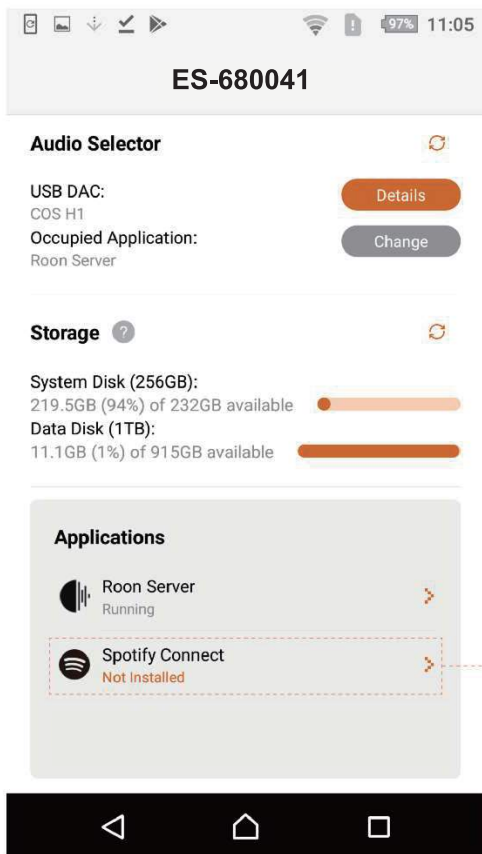
First of all, you will need to have "VitOS Manager" app installed in an iOS or Android device. And make sure the mobile device is connected to the same network that Evolution Stream resides in. Power on the Evolution Stream and open "VitOS Manager" app to discover your Evolution Stream. Below figure shows the discover page of "VitOS Manager" app.



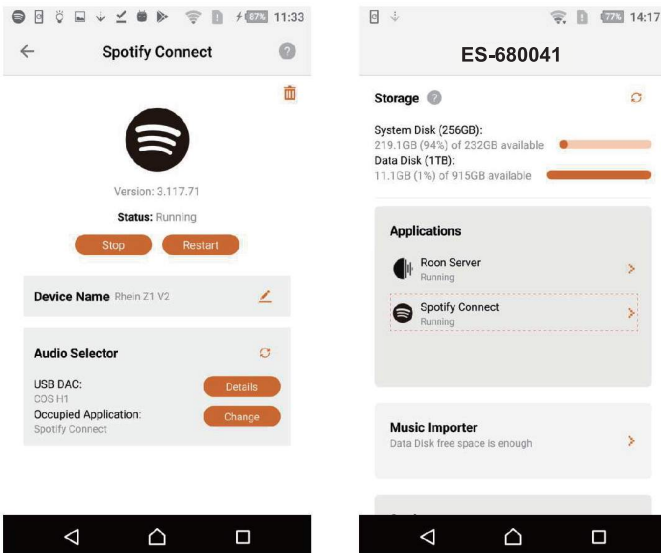
Find the Evolution Stream and click on "Manage" to enter the main page of this Evolution Stream.

Check the status of "Spotify Connect" in the "Applications" block. If the status is "Not Installed", you will need to install "Spotify Connect" to this Evolution Stream. Click the near the Spotify Connect to enter the "Spotify Connect" page.

Click "Install" button to install "Spotify Connect" to this Evolution Stream.



Wait until the installation process to be done and the 'Spotify Connect' page will show the running status of Spotify Connect is "Running", which means "Spotify Connect" feature is running. Below figures show the 'Spotify Connect' page and the main page.



Step 2: Use Spotify app to control Evolution Stream to play Spotify music.



Use your phone tablet or computer as a remote control for Spotify.
Go to spotify.com/connect to learn how

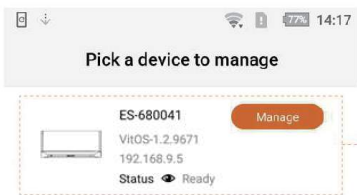
The Spotify Software is subject to third party licenses found here: <https://www.spotify.com/connect/third-party-licenses> (<https://www.spotify.com/connect/third-party-licenses>).

How To Use DLNA Renderer on Evolution Stream

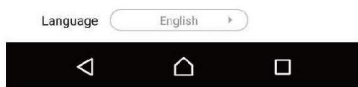
Before using VitOS DLNA Renderer, please make sure your mobile device has DLNA related apps installed (recommended to use BubbleUPnP for Android devices, mconnect for iOS devices, Audirvana for Mac OS devices, J River for Windows devices). And also make sure your mobile device has VitOS Manager app installed and is connected to the same network that Evolution Stream resides.

Step 1: Install DLNA Renderer to Evolution Stream, and configure Audio Selector in Evolution Stream.

Power on Evolution Stream and use VitOS Manager app with mobile device to discover the Evolution Stream. What below shows the screenshot of the VitOS Manager discover page.

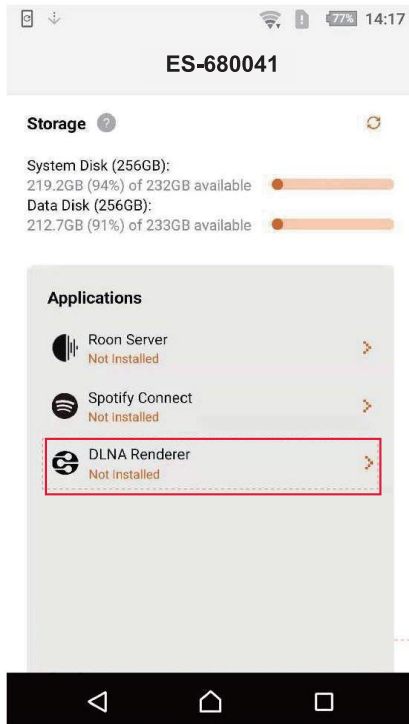


When the Evolution Stream is found, click on "Manage" to enter the main page of this Evolution Stream.



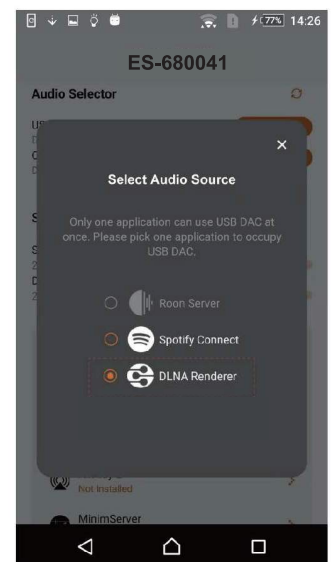
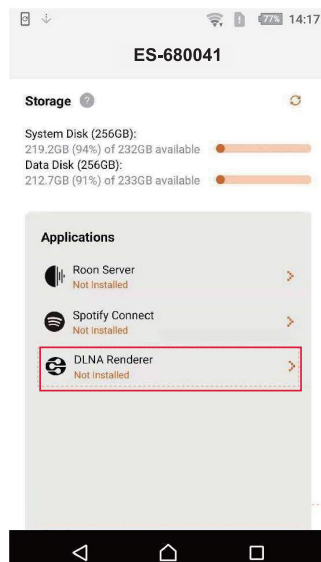
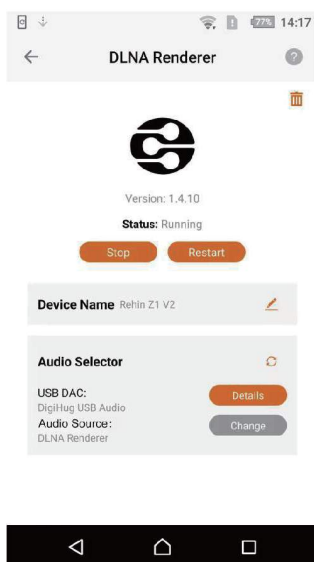
In the Applications section of main page, check the status of DLNA Renderer. If the status is *Not Installed",you will need to install DLNA Renderer to this Evolution Stream. Click on *>" to enter the DLNA Renderer page.

Click on 'Install" to install DLNA Renderer to this Evolution Stream.



Wait until the installation is finished and it shows the status of DLNA Renderer is "Running", which indicates DLNA Renderer is up and running. Below screenshots show the DLNA Renderer page and main page.

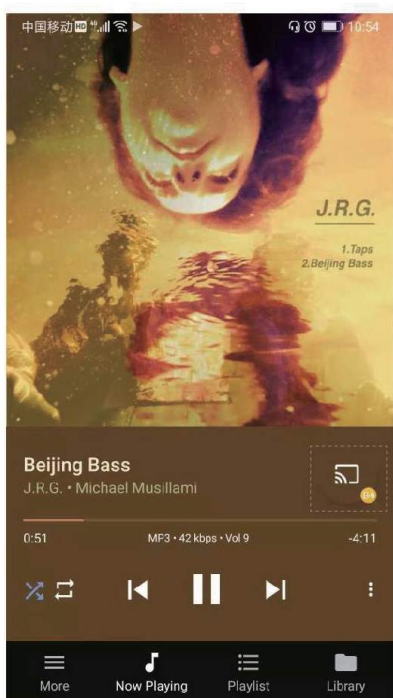
Be noted to configure the Audio Selector to choose DLNA Renderer as Audio Source. Click on "Change" and choose DLNA Renderer to make DLNA Renderer to use the USB DAC connected to this Evolution Stream.



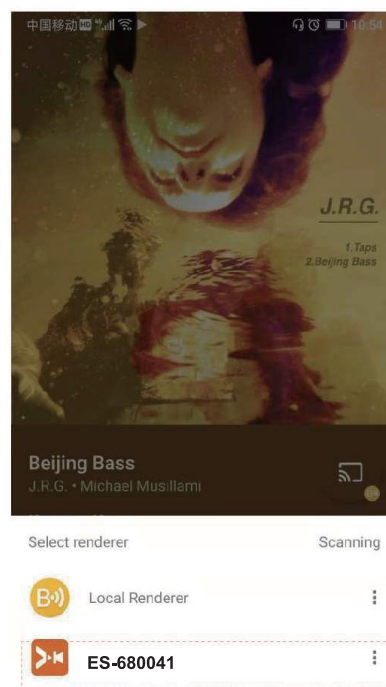
Step 2: Use DLNA app to control Evolution Stream to playback music

Use DLNA app (recomment: BubbleUPnP mconnect, Audirvana, and JRiver) with the mobile device to control DLNA Renderer in Evolution Stream. The following describes how to connect to Evolution Stream with BubbleUPnP as an example:

In the "Now Playing" page, click this button to enter the "Select renderer" page.



In the "Select renderer" page, choose the Evolution Stream to play music with Evolution Stream.



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Beyond ordinary