



# User Guide



## Absolute Stream



## Introduction

Thank you and congratulations for purchasing the Absolute Stream – one of the best-sounding music servers currently available.



If you are already an Ideon Audio equipment owner, thank you for your continued trust in our approach to music reproduction. We hope you will soon enjoy the Absolute Suite (if you aren't already doing so!).

If you are a newcomer, we are thrilled to welcome you on board to our **Absolute Suite!**

Your **Absolute Stream** is an *audiophile* music server; it was designed from the ground up to offer superlative sound, surpassing the sonics of the best commercially available streamers. To achieve this, we equipped the **Absolute Stream** circuit with several audiophile features, components, and proprietary circuits:

- Proprietary re-clocking platform: it uses a hi-quality femto clock and is upgradable.
- Seriously over-engineered power supply:
  - ◇ Proprietary, ultra-low esr, special bypass power filter improving the transient current for the CPU (spectacular sound improvement!)
  - ◇ Huge main capacitor bank using low esr, audiophile “silk” capacitors
  - ◇ Hand-made audiophile transformer
  - ◇ Proprietary, “no-noise”, rectification active bridge topology which eliminates noise from diodes
- Short signal paths without wiring
- Audiophile design & solid aluminium construction
- Simplified, bare-bones operation avoids internal noise-inducing circuits

## Playing your music with Absolute Stream

You can use your Absolute Stream with any of the popular players such as Roon, JRiver, Audiorva, etc. In general, you can connect your Absolute Stream directly with any software supporting UPNP.

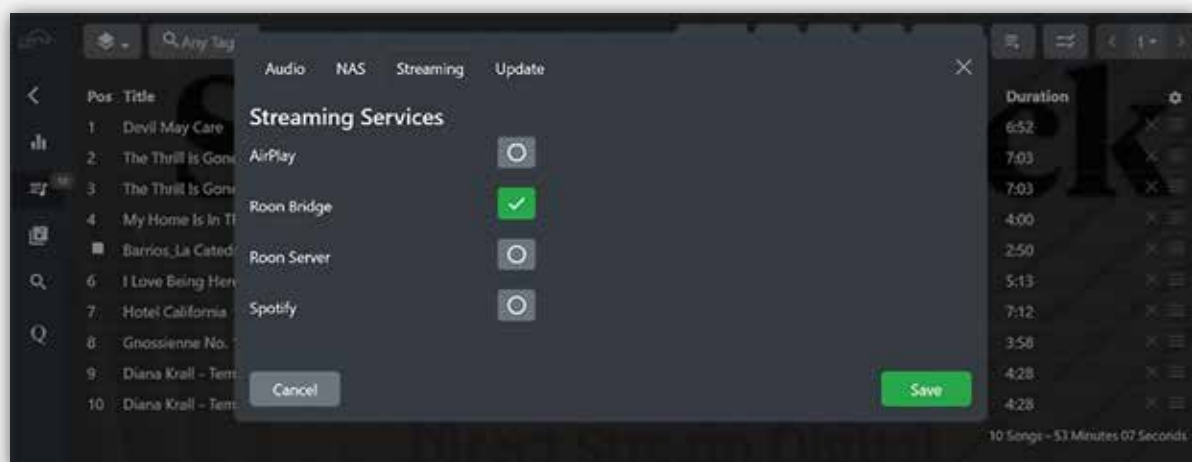
Absolute Stream is a Roon-ready device, meaning you can use it as a Roon endpoint

(Roon bridge). Additionally, the Absolute Stream now features the Roon core embedded within the device, eliminating the need for an external server. If you wish to use Roon as your main player, please refer to the “Roon as Your Player” section after the Ideon Settings section.

### Roon

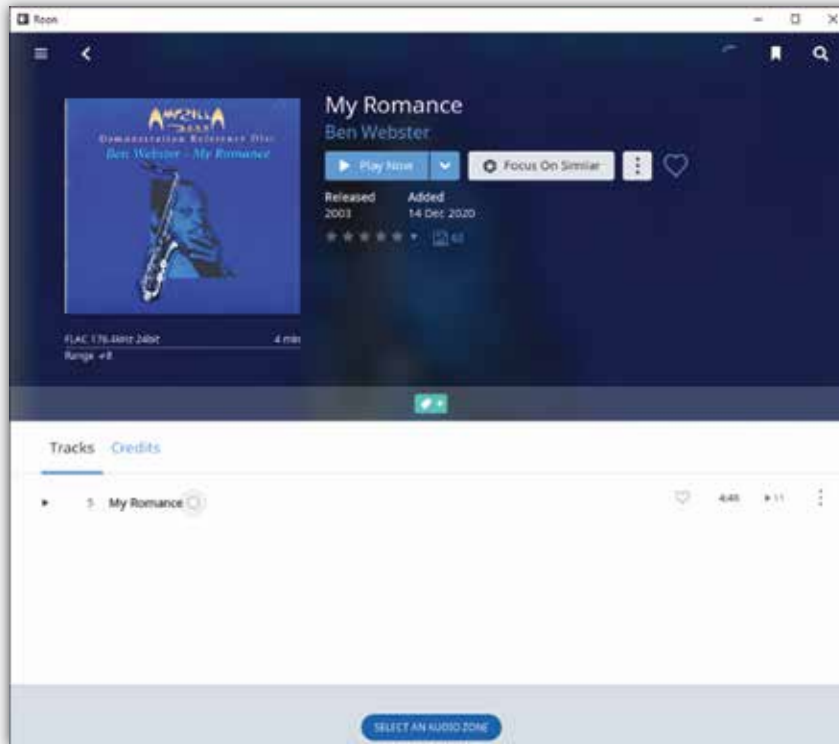
**Roon Bridge:** If you want to use the device as a Roon bridge, follow these steps:

1. Open the main menu by clicking the Ideon logo at the top left of the screen.
2. Click the “Streaming” tab.
3. Check the “Roon Bridge” box.
4. Click “Save” to keep this option.



**Roon Core:** Similarly, if you want to use the device as a Roon Core, follow these steps:

1. Open the main menu by clicking the Ideon logo at the top left of the screen.
2. Click the “Streaming” tab.
3. Check the “Roon Core” box.
4. Click “Save” to keep this option.



If you choose this option, you can then start the Roon app on your preferred device, enter your Roon credentials, and use the Absolute Stream as both a Roon core and streamer.

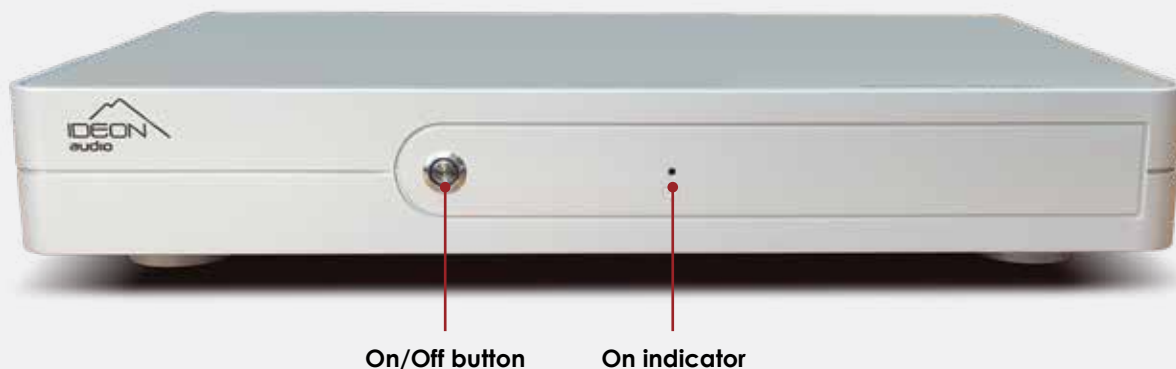
### Ideon Audio's Music Playing Application

Additionally, with the Absolute Stream, we provide a fully functional music player application. For the best music performance, we strongly suggest using this app to play your files. This way, you will realize the full potential of our proprietary technology, playing directly from the core of the Absolute Stream's operating system, with full optimization of the music rendering process specifically for this purpose. You should try Ideon Audio's music player application—the sound quality is excellent.



## Setting up your Absolute Stream

Setting up your **Absolute Stream** is very simple, nevertheless don't forget that **to set up and use, you need to effectively connect it to your network.**



### Back plate connections

Please make the necessary connections in the order presented below.

Always connect the power cable last!

In the middle of the back plate you will see three (3) inputs marked LAN, HD1, HD2. Future units may also have an HDMI port, for a screen to be connected.

- **LAN port:** connect your network's LAN cable to the LAN input.
- **HD ports:** if you have libraries stored on external USB discs, please connect to HD1, HD2 as applicable.



### Important

if you intend to play music through a USB Hard Disk or USB stick (i.e. not a Network Access Storage - NAS) please opt for latest technology SSD, or USB HDD / sticks.

In the event of older mechanical discs, please use a dedicated PSU to power them (use of such an external power supply for this kind of disks is highly recommended). Old technology external HDD may introduce digital and mechanical noise and compromise the Stream's internal power supply. Currently, however, a NAS is the preferred solution.

## Output connections to your DAC

On the left side on the back plate you will see two USB “audio out” connections which connect to the DAC:

- the left input is a pure signal; unless your DAC needs 5V supply, this is the output you should use
- the right input provides the signal with a 5V bus (clearly marked)

This output connects to your DAC. We recommend you use a good quality USB cable.

For owners of **Ideon Audio** devices:

- the output connects to the signal re-clocker (**Absolute Time, Master Time, 3R**).
- If you are using the **Ideon Audio Alpha Wave LAN optimizer to USB** (essentially replacing the streamer’s internal LAN card with an ultra high-end equivalent), you should use the USB Hard Disk ports (HD1 or HD2) to connect the input signal from your network via USB 3.0, and not the commonly used Ethernet cable.

Finally, connect the power cord to the IEC input on the right side of the back plate and then to the wall outlet. Ensure it is safely inserted. Press the switch to the “1” position turn the device to stand-by mode. (The button on the front plate turns device on, and on stand-by.) We recommend you leave the device in stand-by mode all the time.

## Connecting to your network

Make sure that all of the above connections have been made with the right cables, in order to connect your Absolute Stream to your network.

Press the power button on the front plate (off center left) to power on the **Absolute Stream to operating mode**.

You are now ready to **connect your Absolute Stream** to your **home network**.

### Important

Invest a moment to carefully complete these settings, they only need to be done once!

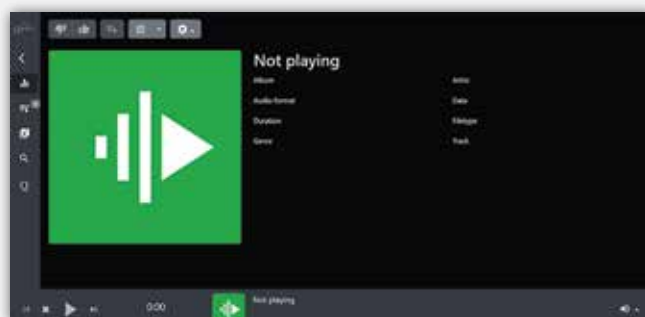
The first thing to do is to find the address your router assigned to your Absolute Stream (i.e. your Stream’s IP address. IP addresses take the form 192.xxx.x.x). The two most common ways to find this IP address are,

- a) Use an IP scanner app. Many are freely available for download online
- b) Connect to your home router and check out the LAN connections: Ideon (Audio) is the one you need. On the rare occasion where the streamer does not specify Ideon (due to specific Router’s settings), simply choose the one that is most likely.

Open your favorite browser on a desktop or laptop and type this IP address.

This launches the Ideon Player.

The first screen you will see after this action is the Playback screen, which shows what track is being played. Initially, this screen will display “Not playing” since no track is being played at this moment.



If you have a NAS with your music stored there, and you wish to set it up now, please follow the instructions following (“setting up your NAS” ).

After the initial set-up you can also use the following address to connect to your Absolute Stream: **http://ideon.local**

This is how the Playback screen looks like when a track is played.



## Setting up your NAS

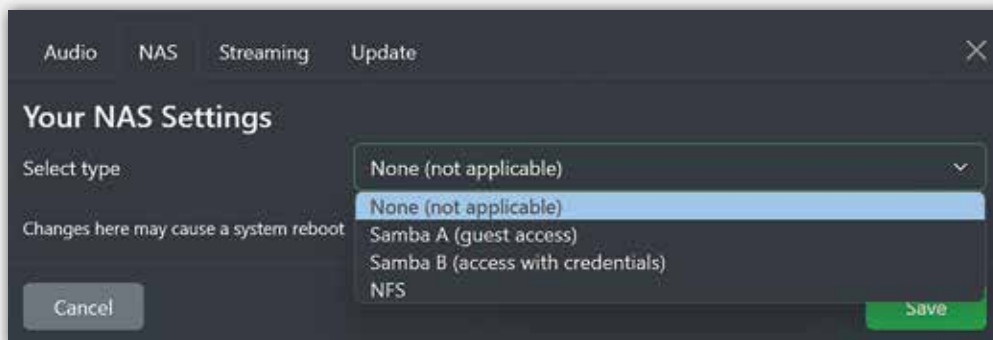
### Important

Invest a moment to carefully complete these settings, they only need to be done once!

**NAS SETUP:** If you want to set up your NAS, follow these steps:

1. Open the main menu by clicking the Ideon logo at the top left of the screen.
2. Click the “NAS” tab.
3. From “Select type”, chose the appropriate NAS (you should know aht your NAS is, to select the right type).
4. Click “Save” to keep this option.

In general, do not forget to always “save” when you are selecting an option to keep changes or selected options. Next steps for setting up your NAS follow.



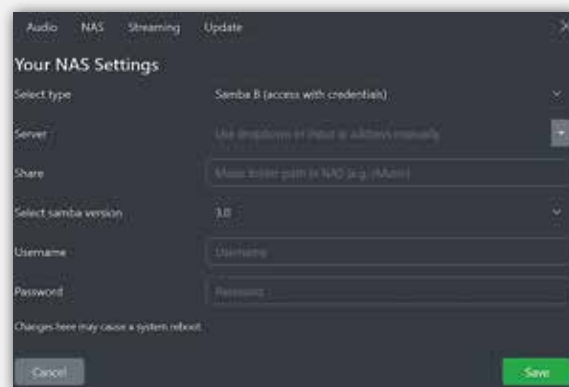
A series of dialogue boxes will appear, including the skin color selection.

The **next** screen is “Your NAS settings”:

- **Select type:**

- ◇ Select **NFS** if your NAS is based on NFS
- ◇ select “**samba A**” if a guest (such as a friend) is accessing your NAS or your accessing a NAS without credentials
- ◇ select “**samba B**” if you are accessing a NAS with credentials (username & password)
- ◇ You also need to select your Samba version (from 1.0 to 3.0). 1.0 is the most common. You can refer to your NAS for this if you don't know it.

- **NAS IP address:** enter your NAS IP address or its name
- **Path:** enter the NAS path to your music. CAUTION. It needs to be exactly as your NAS provides it. If you are not sure open your NAS and copy the exact path. It can be found there
- **Username / password** (only applicable if you have selected “**samba B**”): enter the appropriate your credentials
- **Press Save**









This completes the NAS setup. **After saving the settings, you should reboot the Absolute Stream** (using this command option from main menu) after setting up your NAS in order to be able to index your music files.




## The Absolute Stream's Main Functions

On the upper left of this is the main menu bar (vertical) i.e. **Ideon logo** (Main Menu that gives you the main menu options for settings, reboot, and other important functions) followed by the **app's** five basic **functions**:

-  **Back** (takes you to previous screen)
-  **Playback** (what is playing now)
-  **Queue** (what you have selected to listen to – you can save this as a “playing list”)
-  **Browse (Library)** (your music library with all its components including external ones you may have access to – e.g. internet radio, etc)
-  **Search** (self-explanatory; search function using keywords and any parameter)
-  **Qobuz** (Play music through Qobuz service. See separate section for Qobuz)

## Playback

 Playback is the application's main screen for playing music, providing all the information about the track currently being played. (You may prefer to spend time on another screen to operate your Stream.)

Clicking on the Ideon logo in the upper left opens the main menu, where you can select “Settings” to access various options for appearance, features, search tags, search results, etc. Our player is very versatile! The most popular of these settings will be discussed later in this user guide.

However, we recommend keeping the general settings on default for now until you are more familiar with the program. So, it is time to create your music library.

## Creating your music library and playing music

**NAS** users

**Rescan library.** On the Ideon menu, click on the **Maintenance/Library** option. Next, select **Rescan** at the top right of the displayed options. The app will begin indexing your library. Please wait until the indexing is complete; it may take some time depending on the size of the library.

**Update library.** When you later add new tracks to your collection, you can use the **Update** option (instead of Rescan) to index the newly added tracks or albums in your music collection. This differs from the Rescan command, which actually builds a library from scratch by performing the initial indexing of your music.

## Non NAS users


Plug in your external HDD into one of the two USB inputs (please see the notice on HDDs, above), and follow exactly the same steps as above.

**Rescan library.** On the Ideon menu, click on the **Maintenance/Library** option. Next, select **Rescan** at the top right of the displayed options. The app will begin indexing your library. Please wait until the indexing is complete; it may take some time depending on the size of the library.

**Update library.** When you later add new tracks to your collection, you can use the **Update** option (instead of Rescan) to index the newly added tracks or albums in your music collection. This differs from the Rescan command, which actually builds a library from scratch by performing the initial indexing of your music.

After the update is done notification, **you are ready to go!**

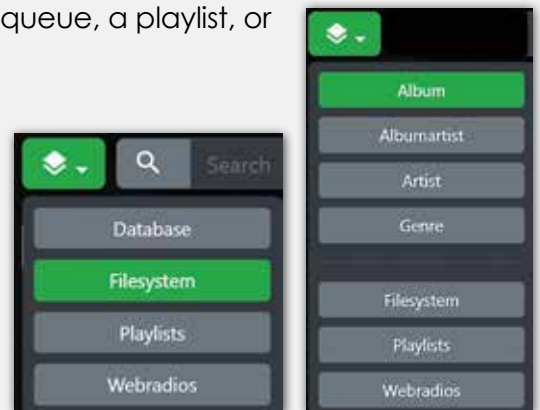
## Browse - Library

 This section provides a global view of your music library, other music sources, your playlists, and more. It is especially useful for users with large libraries, enabling easy browsing or searching within their music ("file system"). Users can quickly add entire folders (such as albums), individual tracks, or a selection of tracks to the queue, a playlist, or both.

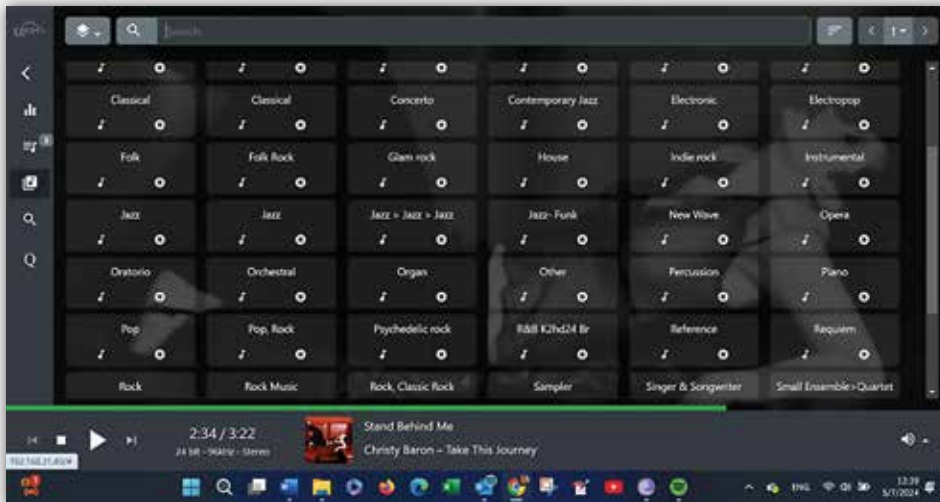
Clicking on the view icon allows you to select the view you want to load, such as Database, Filesystem, Playlists, etc.

**Database view:** shows album covers for users who prefer browsing their library this way, while Filesystem shows the library contents similarly to browsing folders on a computer.

**Album view:** as its name implies, clicking on this returns the entire library database in large icon view, showing album covers by default.

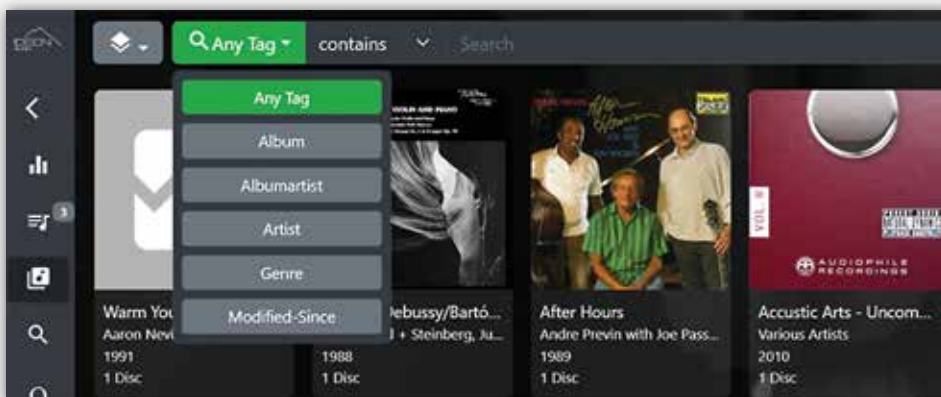


If you select any view apart from Albums, such as Album Artist, Artist, or Genre, the contents of your music library will be presented on this screen accordingly (see photo).



In this section, you have two options for more information. By clicking on the note icon, you will see all the songs under this category, while clicking on the circle icon will display the corresponding albums.

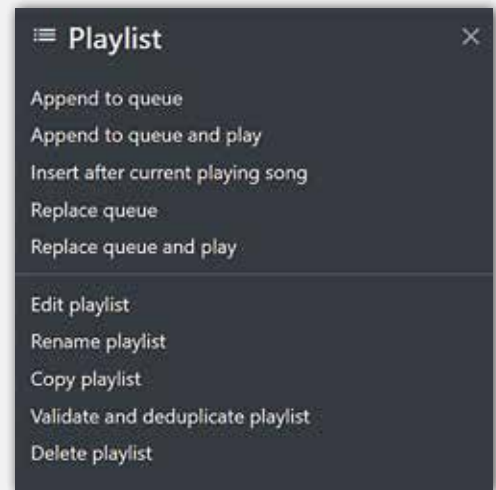
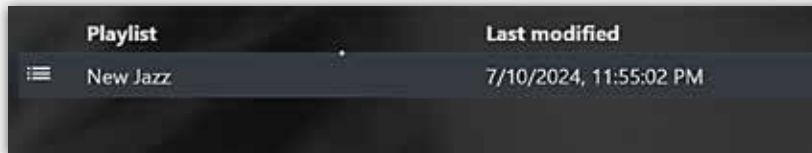
**Search function:** You can search the contents of your library here using different parameters. These parameters are shown when you click the search icon. **Any Tag**. You should enter the desired keyword for your search, in the search text field.



**Sorting function:** You can sort the contents of your library here using different parameters. These parameters are shown when you click the sort icon.




**Playlists:** clicking on “playlists” displays all saved playlists. The little menu  on the far right allows you to edit, delete, rename etc. that playlist. You can see all available options for managing that playlist by clicking the three little parallel lines indicating menu items. Clicking on the playlist displays its tracks (default).



**Filesystem:** in this section, you get a complete view of your filesystem, meaning all drives, disks, USB sticks, NAS, or whatever form of storage you are using with your streamer. It follows a tree structure, so you can easily navigate back and forth.



Clicking on the home button  takes you home to the root. Clicking on any previous path stage takes you back to where you were before. You can open any folder/directory or file by just clicking on it and eventually reach track level if you wish

You can go back to where you were at any previous stage: directories, folders, albums, etc are clickable links.


Clicking on the familiar triple-parallels menu on the far right opens slightly different option depending on whether it is a track (song) or a directory (Album).

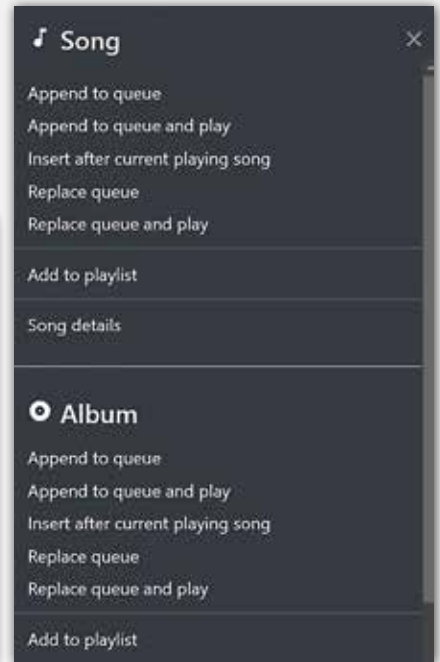
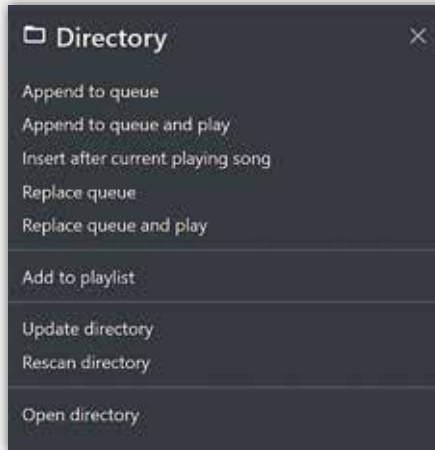
The functions Append to Queue (be careful, you may be adding a large number of tracks!), Replace Queue, and Add to Playlist, are available as they are elsewhere.


If you want to append and play, simply select this option. The choices are self-explanatory.

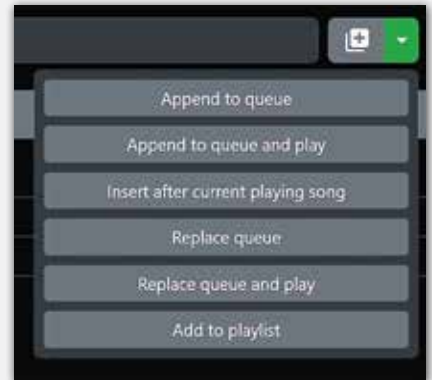
The remaining functions here are Update & Rescan Directory, which are useful if you have edited a directory and wish to quickly index it without reindexing the entire library.



If it is a track, track-related options will appear: Add to Queue and Play, Add After Current, etc.

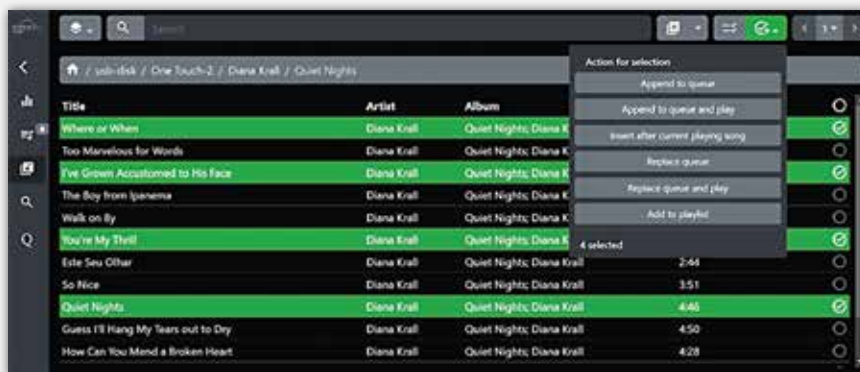
Reminder: clicking on the Home icon  takes you to the root directory.




Clicking the + icon  (at the top right of the screen) lets you add your music files, directories, and folders from the entire filesystem (the content displayed on your screen) to the Queue or to a Playlist. Be careful, as this can create a very long queue or playlist! Other similar options are also available.



Additionally, you can select specific tracks or folders/albums from your filesystem for further options. To do this, click on the desired items to expand their content. When you are ready to select the desired item, click on the icon with the two check signs . Clicking this icon expands it into . You can then pick the specific folders, directories, or songs/tracks by checking the small circle on the right side of the screen for the desired ones. You will have the same options for what to do with your selection.



## Playing music: from Playback screen

What is currently playing appears on this screen, along with all attendant information (i.e., tags, metadata, artwork, etc.). In other words, this is the “now playing” window, showing what is playing at any time. You can select the details you want to see about the tracks being played from a list by using the gear-wheel icon .



Right above the information is a tags gearwheel. Clicking on it allows you to choose what information – i.e. tags – you wish to see displayed next to the artwork – **assuming the tracks have been tagged accordingly.**

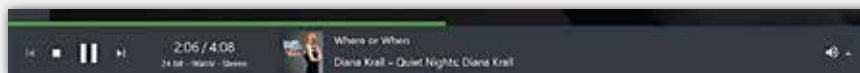


To the left of that icon, you have a **quick playback settings menu** (with various options to select), a **+ sign** to add the current track to a playlist (it will appear as the last track) and a 5-star rating system to rate your songs (this can be changed into like/dislike in settings).

### TIP

Using this option, allows you later to create playlists of highly rated or most-liked tracks.

On the bottom of the screen, you will find the stop/pause play control and progress bar, which also provides you with information about the type of file you are listening to.



## Adding albums or tracks

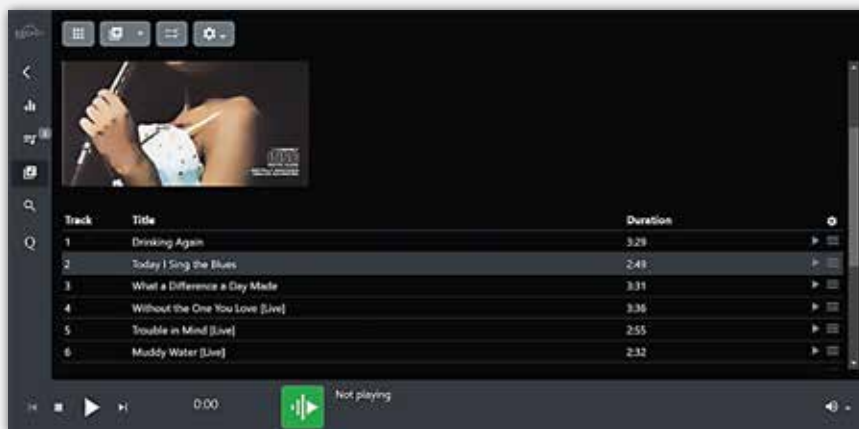
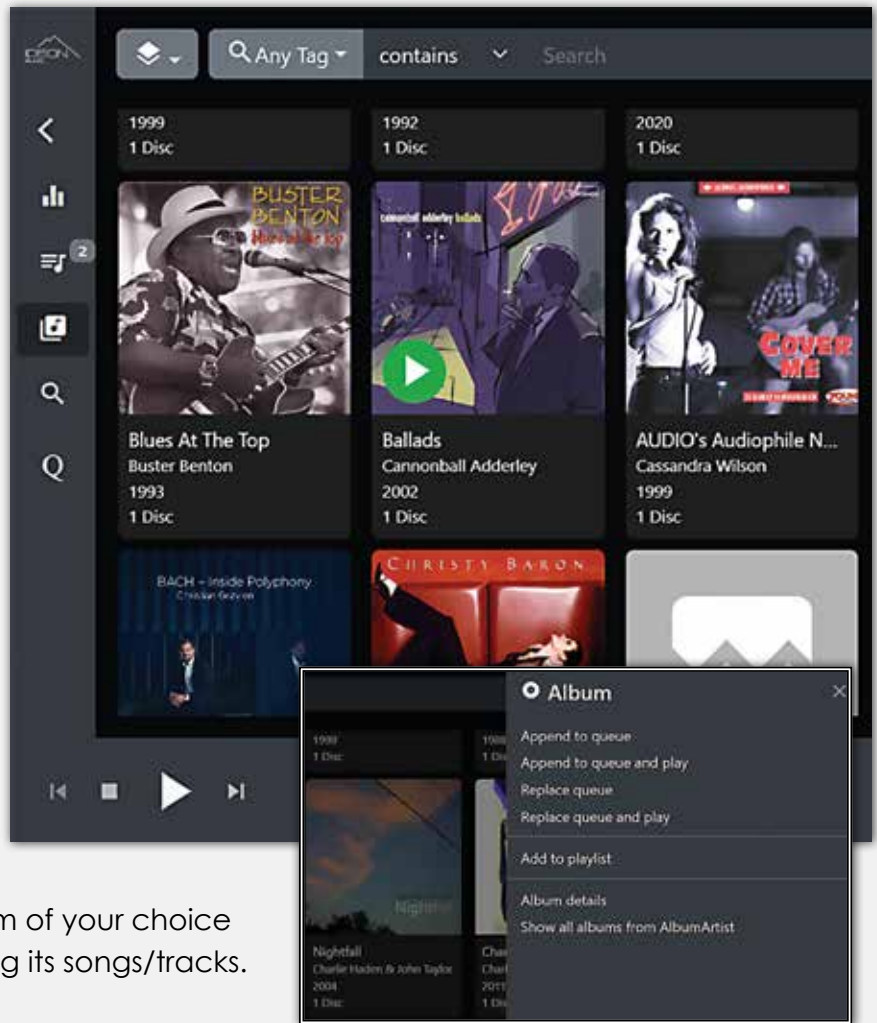
From you Library with Album view (database with artwork shown), mouseover (or finger lightly in a touch screen) an album to reveal the play sign: clicking on that play sign appends and plays the whole album to your queue (that is the default setting).


**Play Album options:** right clicking on the album opens a menu with more comprehensive choices (most of them self-explanatory):

**Append to queue:** adds all of the album's tracks to the end of the current queue, **Append to queue and play:** adds all of the album's tracks to the end of the current queue and plays them, **Replace queue:** erases the current queue and replaces its contents with all the tracks from the current album

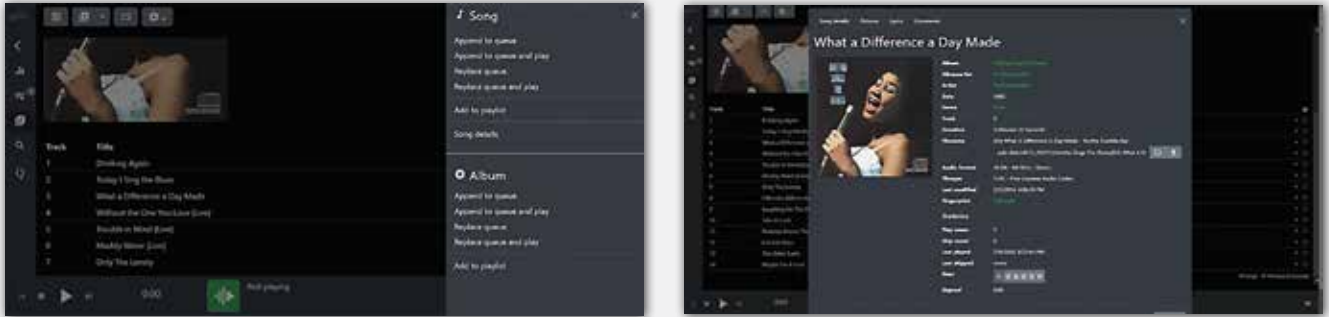
**Add to playlist:** choose a playlist -- or create a new one -- to which all contents of the current album are added.

Clicking elsewhere on the album of your choice lists the Album's content showing its songs/tracks.





**Play Album options:** click on the little menu  on the far right to open the menu with the similar choices for a particular song within an album (also self-explanatory). **Append to queue:** adds the specific track to the end of the current queue, **Append to queue and play:**

plays the specific track immediately, adding it to the queue at the same time **Insert after current playing song**: adds the specific track as the next to be played in queue, **Replace queue (and play)**: erases the current queue and replaces its contents with the specific track, **Add to playlist**: add the specific track to a playlist, **Song details**: displays the specific track's details.



### Queue (i.e. the tracks you are currently listening to)

 Queue is the screen that displays all the tracks you have chosen to listen to (the number of tracks appears on the queue's icon). Remember, you can add tracks or albums on the fly as you browse your library. This screen is also useful for playing your music.

At the upper left of the screen, you will find the view options icon . The default is seeing all tracks of the current Queue.




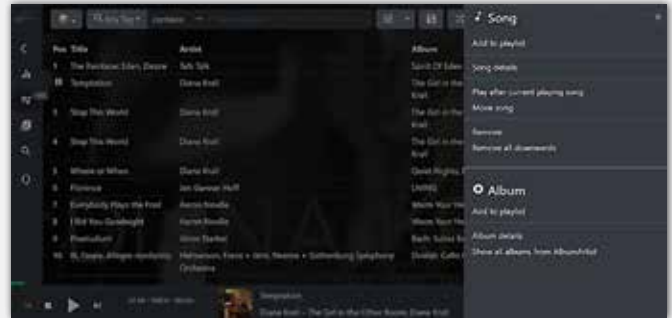
By clicking on the **Last Played** option, you see the latest tracks, in the order in which they were played.

The track that is playing currently is highlighted, so you can see its total time and progress.

You can play instantly any track in the Queue by just clicking on it. You can also move a track by holding down the left click and dragging it into place.



There is a menu icon (three parallel lines)  for each track on the far right of the screen.

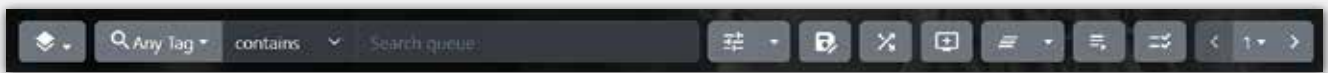



**Play after** and **remove** are self-explanatory; **remove all upwards / downwards** deletes the track in question and all of the above or below, respectively. Add to playlist does just that (a menu opens with saved playlists – or you can create a new one).

Finally, Album **details** shows all the specific track's metadata. i.e. tags.


### Queue options


At the top of the Queue screen, you have a bar with four additional icons corresponding to other Queue options and a search function.





 **Playback settings:** select various playback options like **repeat** queue, random play or using the streamer in Jukebox mode.




 **Save Queue icon (diskette icon):** saves your Queue as a playlist.

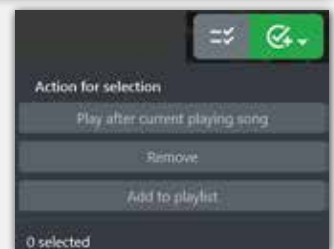
 **Shuffle Queue icon (crossed arrows icon):** clicking on these shuffles your queue

 **Add to queue icon (little screen with + sign icon):** adds a specific number of randomly or user selected tracks, or albums, to the queue.

 **Clear – Crop queue / keep current song icon (three lines icon):** you have the option to clear the whole Queue or to just crop it, keeping only the current playing song.

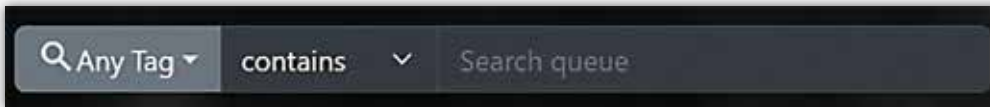
 **Go to playing song:** takes you to currently playing song (this is very useful if the queue is large and you are browsing while playing a song).

 **Select:** this function is similar to what we described earlier in this user guide, referring to the ability to choose specific tracks with further options. To do this, while in the queue, click on the **select icon**  which expands into . You can then pick the action for your selection.



### Searching the Queue

Using the search bar on the top of the screen, you can search within the current Queue. By default, the system searches any tag with the keyword entered. You can use the Search menu (magnifying glass) to select the field you want to search using a keyword (any tag is the most common)



### Advanced Search

The **Search bar** works with keywords as described below. The default search field is "any tag" Clicking on the magnifying glass on the left opens a long list of search parameters.

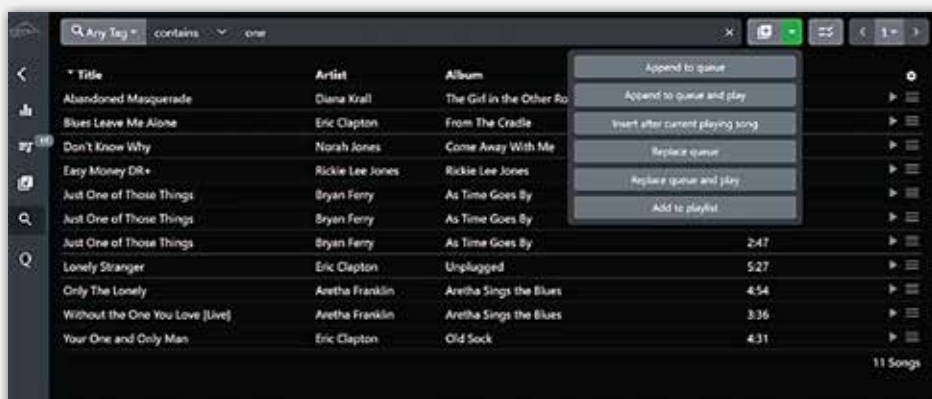




The **Sort button** functions as described above, applying the general sort feature. The gear icon on the right allows you to choose how the search results are displayed on this screen.

To perform a search, type a keyword in the search bar. By default, the system will return all items tagged with the entered keyword. Pressing **again** allows you to search within these results with a new keyword for example. You can continue **pressing enter** to further refine the search. You can always see the keywords used for this specific search, with the option of deleting some, or all of them.

As always, the **gear icon** at the right side of the screen on the information row lets you choose what track information you want to see.

By clicking the **+ icon** gives you append / append and play / replace / add to playlist options for the full search results.



**Select function:** this function is similar to what we described earlier in this user guide, referring to the ability to choose specific tracks – from your search results - with further options. To do this, while in the queue, click on the **select icon**  which expands into . You can then pick the action for your selection.



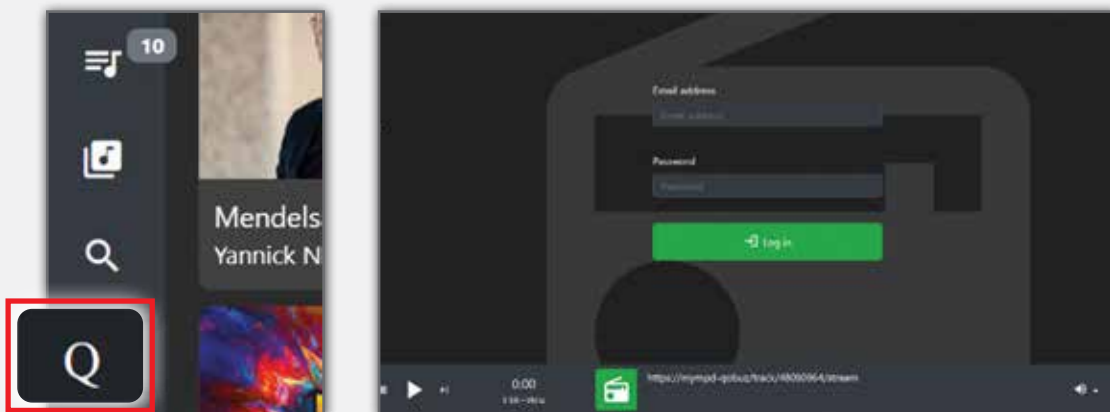
## Qobuz

### Introducing Qobuz streaming playback

Ideon Audio is pleased to introduce a new feature that integrates Qobuz with the Streamer's application. This allows you to directly stream Qobuz music service natively from the Streamer's app, eliminating the need for additional applications or software. You will experience significant sound performance improvements by leveraging Ideon's advanced innovations and technologies for Qobuz playback.

### Accessing Qobuz

In the main vertical menu bar on the left side of the screen, you will find the Qobuz icon (Q). Click on this icon, and you will be prompted to enter your Qobuz credentials (see photos).




## Navigating Qobuz

### Important

The Qobuz streaming service has been integrated into the Ideon player application, ensuring that the user interface remains consistent. Therefore, everything described in the user guide above also applies to playing music through Qobuz.

After logging in to Qobuz services:

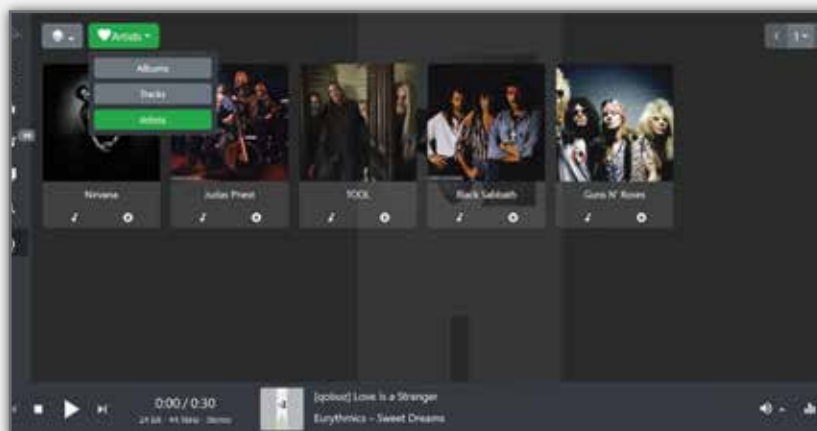
The **playback and queue** in the main menu items (vertical bar on the left) will reflect what is playing on Qobuz, displaying the corresponding screens you are familiar with. The main screen will show all your favorite albums from Qobuz.

Clicking on the menu icon  will present the following Qobuz options: **My Playlists**, **Favorites**, **Purchases**, **Search**, and **Logout**. These options are specific to Qobuz and will show your playlists, favorite music, and purchases from Qobuz. The Search option allows you to search the Qobuz database, and the Logout option lets you exit Qobuz services (see photos).




### Favorites

You can **sort** your favorite music from Qobuz by Albums, tracks or Artists using the Relevant drop-down menu as seen in the photo.



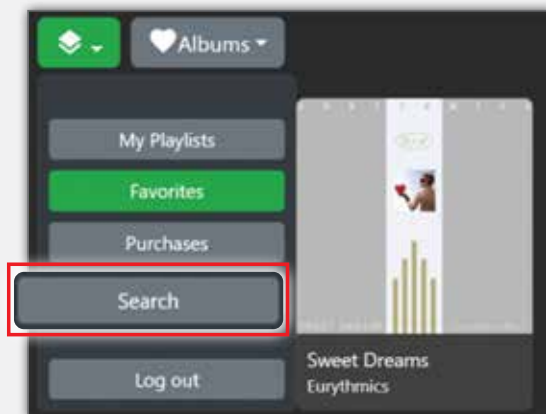
## Adding playlists or tracks to Queue

You can **play, add to queue, or select any playlist or track as a favorite** by following these steps: On the right side of the screen, when viewing your playlists or tracks, you will find three icons  that provide these options. By clicking on the three lines icon, you will see additional options for what to do with a playlist or a specific track, such as appending to queue or appending and playing, etc. (see photos).



## Search Qobuz

Select and click **“Search”** from the main menu (see photos). You will then have the options to search the Qobuz database by **Artist, Album, Title, or Playlist**. After selecting your desired option, use the text field to enter your search term and press “Enter” to see the search results.



## Log out

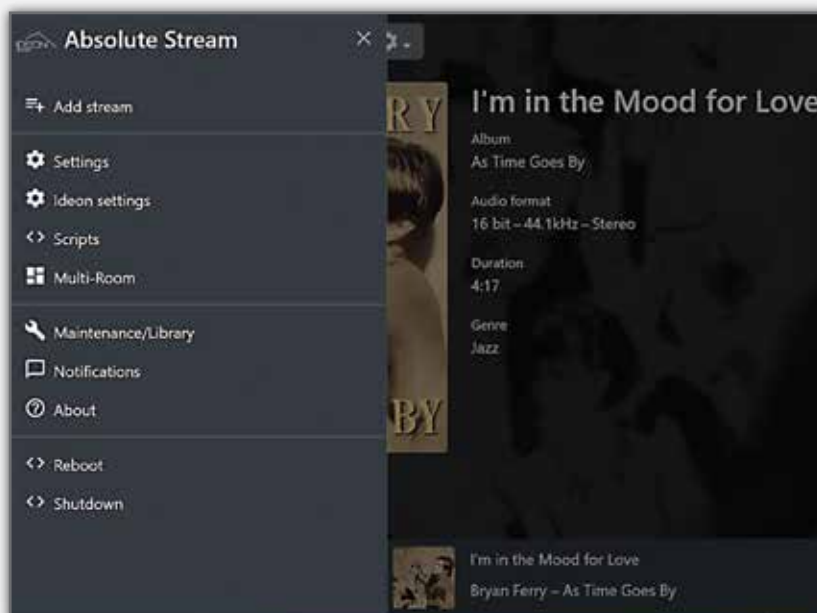
### Important

You must log out from Qobuz Service to use the Ideon's playback application for playing your downloaded files or use any other service.

## Ideon Main Menu options

### Accessing Ideon Main Menu

You can access the Ideon Main Menu by clicking the Ideon Audio logo at the top left of the screen. We suggest that after becoming familiar with the application's functionality, you experiment with these settings to customize the application to your own preferences.



### About

In the About section, you can view the IP address assigned to your Streamer by the network, in case you forget it. Additionally, it provides statistical information about your device and music database usage, as well as the software version of the player application.

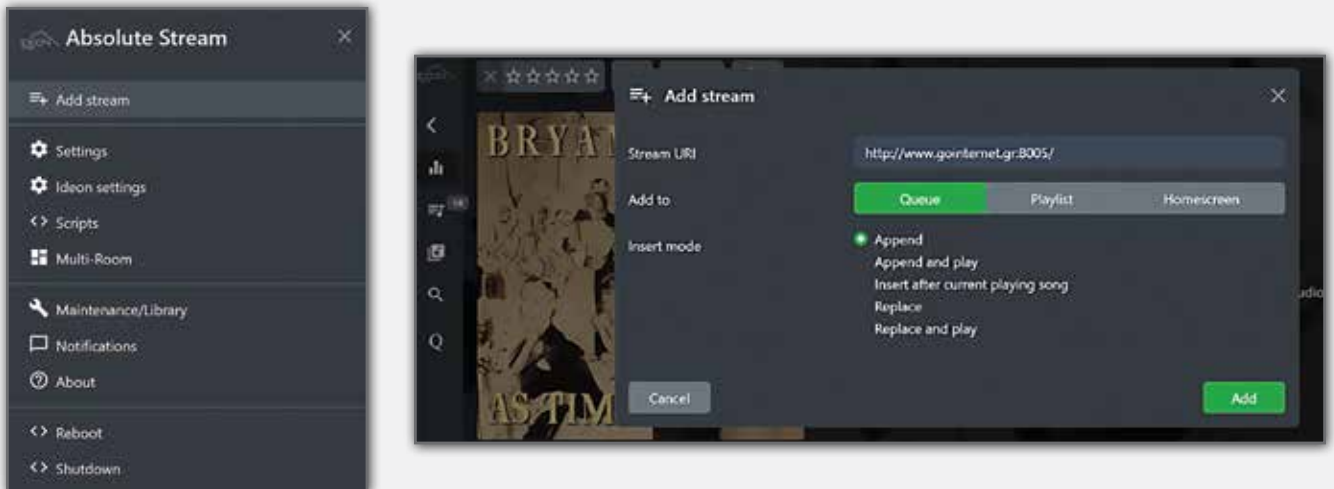


**Reboot:** reboots the device. You need to wait a few minutes.

**Shutdown:** shuts down the device, and we recommend using this function instead of powering off with the on/off button.

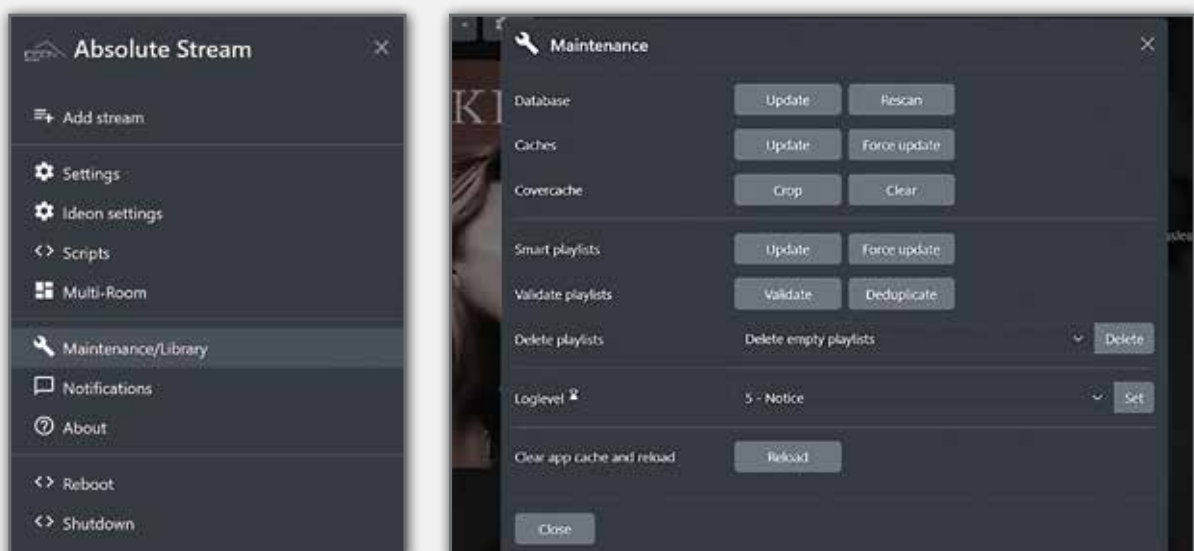
## Add Stream

You can add the URL of a specific stream service you want to play (provided you know its exact URL address), or just add it to a playlist for future access.



## Maintenance / Library

**Update library:** as mentioned before, this is where you create your music library when you first configure your Absolute Stream. You can also use Rescan for the first time you create your library. If you click on Rescan when you just want to update your library, it will also work but it will take much longer time to complete.



Whenever you edit your music collection – adding or deleting files, use the Update Library function to index the changes.

**Rescan library:** we recommend you only opt for “Rescan library” when you want to perform the indexing process from the beginning i.e. building again your music library. This recreates the whole library from scratch and can take much longer to complete than any update. You should do that in the case your files are corrupted, or something has gone wrong with your file system. Otherwise, opt for **update library**.

**Clear app cache and reload:** clears cache of the app. IMPORTANT: YOU WILL NEED TO RE-SCAN the Library .

**Clear covercache (artwork cache):** clears artwork cache only. IMPORTANT: YOU WILL NEED TO RE-SCAN the Library afterwards.

**Delete playlists:** option to delete empty, smart or all playlists.

## Settings

Our player application is highly versatile and can be configured through a variety of settings. The most popular settings are discussed below. Most of the others are self-explanatory or intended for more technical users.

We suggest that after becoming familiar with the application's functionality, you experiment with the settings to customize the application to your own preferences.

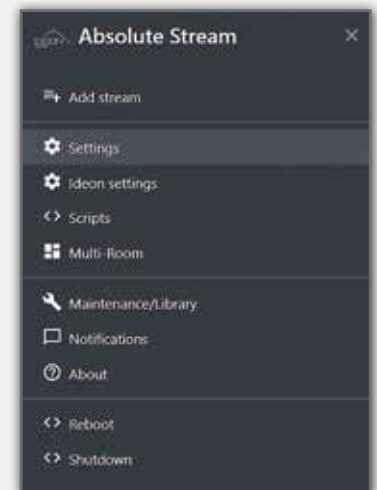
### General Settings / General



**Startup view:** with this option, you can select the startup screen for the application. The default is Playback. You have a variety of options available through this drop-down menu.

**Tags:** there are three drop-down menus that you can use in order to select the tags that you wish to use when displaying information about your music, when searching your tracks and when you just browsing your library. Your music files should have a minimum level of metadata to fully realize the potential of searching and tagging (see also important notice about your metadata at the end of this reference manual).

**Albumart (artwork):** this is a useful feature for managing the general appearance of albums artwork for your music files. Also useful for the filenames you use for album covers.





**File Names and Thumbnail names:** the names of photos that the system can read as your artwork cover photos so to show the photo of the album if it exists – you can add your own

**Thumbnails size:** define in pixels the size of the album artwork thumbnails, in Browse/Library screens. Default is 175.

**Statistics:** (enabled/disabled): if enabled it keeps statistics for your library and music playback. You can access these statistical data from the **About option** of the main Ideon menu and from some other sections of the app.

**Feedback:** you can select your rating method for songs, choosing between the 5-star rating system and like/hate (thumbs up or down).

**Smart Playlists** (enabled/disabled): if enabled you can basically configure and utilize Smart playlists, based on various parameters that you can define through the “Generate smart playlist per” option in this section. Smart playlists can be seen and accessed through the **Library/Playlists** menu.

**Other features:** when applicable - options to enable/disable self-explanatory items when available (depending on the application's version).

## General Settings / Appearance



**Theme:** select the desired skin color or experiment with color codes. You can preview (“apply”) before saving the selected one.

**Albumart:** enable/disable

**Background image**

**Color:** select the desired background color

**Albumart:** (enabled/disabled): if enabled, the artwork of current track playing appears in the background of the app.

### General Settings / Notifications



**Notifications:** enable/disable

### General Settings / Advanced

**Default Actions:** THIS IS A VERY IMPORTANT SETTINGS SECTION.

**Click operation:** Here you define the operation a click triggers in terms of playing an album or a track/song, or how you perform important actions.

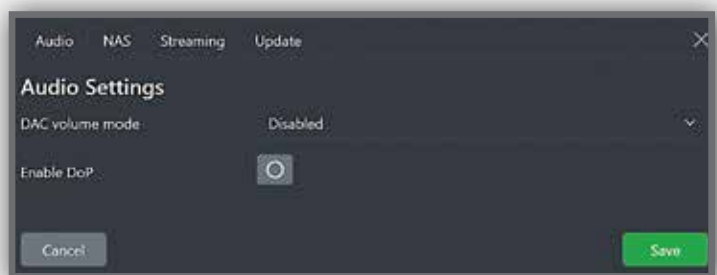
**Important reminder:** for changes to take effect you need to click on **Apply**; to keep the changes you must click on **Save**.



### Ideon Settings / Audio

**DAC volume mode:** (enabled/disabled): if enabled you can control the volume level digitally (only if the DAC has a volume control)

**Enable DoP:** (enabled/disabled): should be enabled for DACs that do not support the native for DSD playback. This way transcode of DSD is done over PCM without any downside in quality.

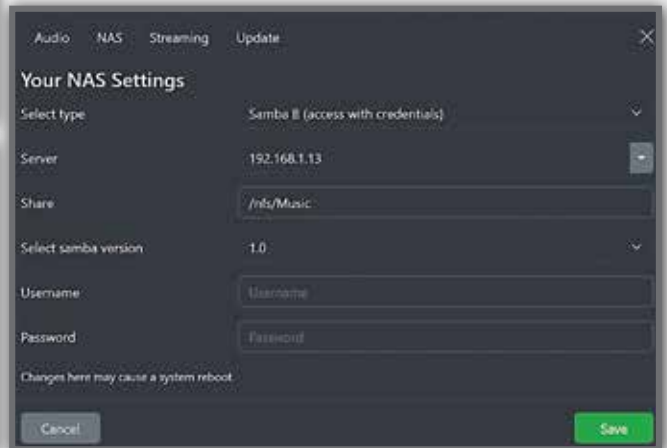
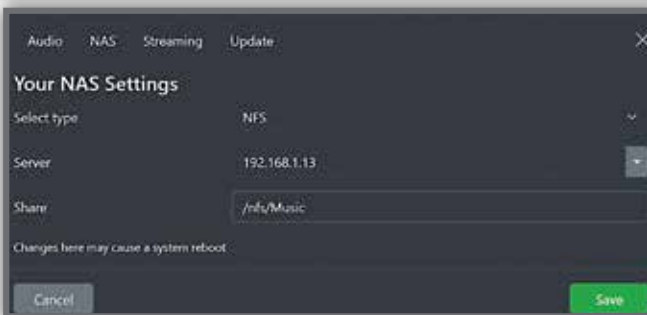
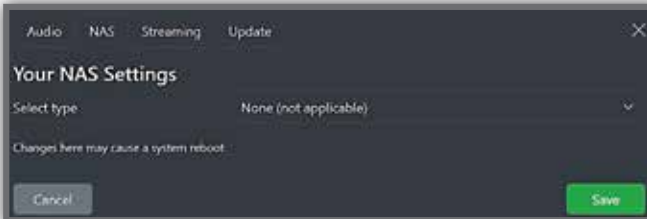


### Important Notice

if your DAC does not support "native" DSD playback, enable this option to play DSD files.

## Ideon Settings / NAS

If you have come this far, you have probably already configured your NAS (if you are using one, of course). Here you can modify settings according to your preferred NAS protocol like Samba or NFS, so you basically follow your NAS guidelines here.



## Ideon Settings / Streaming

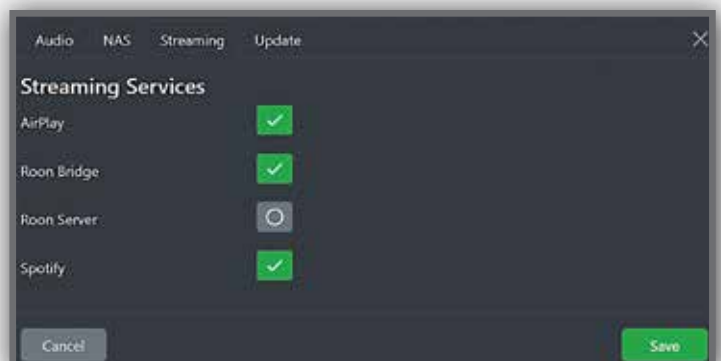
The following services can be rendered with the highest sound performance from the Absolute Stream, by enabling the desired ones.

**AirPlay:** (enabled/disabled)

**Roon Bridge:** (enabled/disabled)

**Roon Server:** (enabled/disabled)

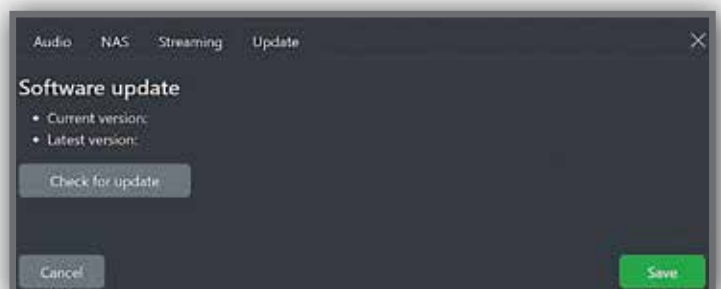
**Spotify:** (enabled/disabled)



## Ideon Settings / Update

### Ideon Audio software update

Your Absolute Stream can and will be update with future versions of the software, remotely. You can check for new updates here.



## Roon As Your Player

### Roon Bridge Operation

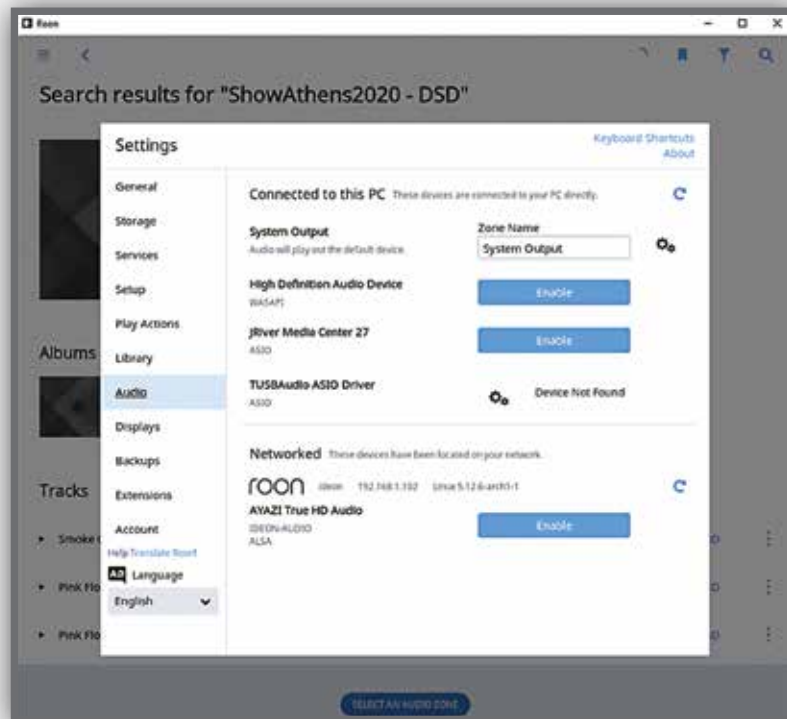
To stream through your Absolute Stream with Roon please follow the steps below

#### IDEON APPLICATION SIDE

- Go to Ideon Settings and select Streaming
- Enable Roon Bridge
- Click Save

#### ROON SIDE

- Open Roon
- Go to Settings (left at the hamburger menu icon)
- Go to Storage
- Click at "Add Folder" option (on the right corner)
- Click at Add Network Share at bottom left side
- At Network Share Location type in the following: \\ideon\Ideon Local Disk Type it in exactly as it appears in the previous step.
- Highlight the folder you just added (on the left), choose Select this Folder and click on "Add" -
- Add Network Share at bottom left side.



## Roon Server (Core) Operation

To use your Absolute Stream as a Roon Core, follow the steps below

### IDEON APPLICATION SIDE

- Go to Ideon Settings and select Streaming
- Enable Roon Server
- Click Save

### ROON SIDE

- Open Roon
- Enter your credentials
- Wait from Roon application to identify the Ideon Roon Core
- Select the Ideon Roon core
- Follow the Roon specific steps to stream with Ideon Streamer as Roon core.

## ESSENTIAL INFORMATION

### Finding Streamer's IP Address

To begin using the Absolute Stream, you need to determine the IP address assigned to the device by your router. This is the first step after connecting the Stream to your network and powering it on. You can find this IP address using an IP scanner or by accessing your router management software. Here's how:

1. Connect the Absolute Stream to your network and power it on.
2. Use an IP scanner tool or access your router's management software.
3. With the IP scanner, scan your local network to identify the IP address assigned to the Absolute Stream device.
4. Alternatively, log in to your router's management interface through a web browser using the router's IP address (commonly 192.168.1.1 or 192.168.0.1) and locate the device list or DHCP client list. Look for the Absolute Stream device and note down its IP address.

Once you have identified the IP address, you can proceed to configure and use the Absolute Stream as needed for your audio streaming needs.

### Turn your DAC On

To verify various functions and configurations of your Absolute Stream, ensure your DAC, router, and NAS are powered on, even if you do not intend to listen to music at that moment. Neglecting this step can lead to encountering numerous error messages.

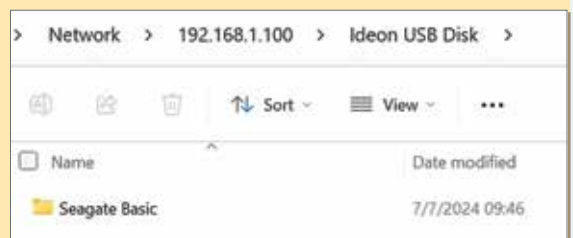
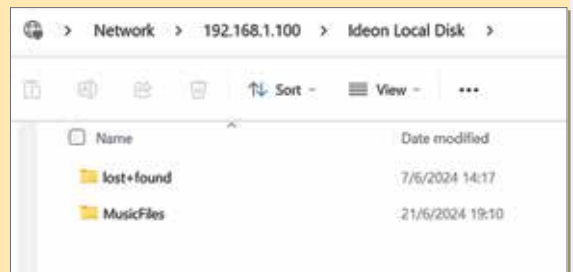
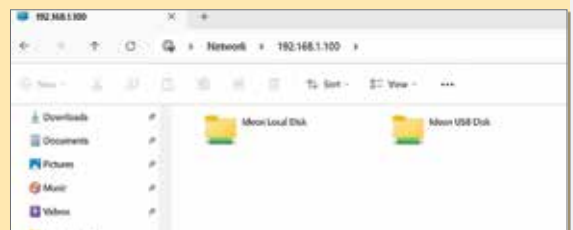
### Your NAS path

To connect your NAS to the Stream and index your music files, you need to locate the exact path where the NAS stores its music files. This information can typically be found in the NAS

maintenance or management software. Copy the exact path from there and paste it into the NAS configuration settings on the Stream.

### How to add files to the Stream's Local Hard Disk

- Connect the PC, laptop or Mac from which you want to transfer files to your Stream to the same network. They should be both to the same network.
- Go to Network from your PC, laptop, or Mac. (see photo)
- Type the Stream's IP address to the corresponding field (see photo) and press Enter
- Now the Stream's Local Disk Folder will appear in the screen (see photo).
- Along you might see the Ideon USB Disk folder for any USB disks connected to the device
- Click on these folders to open them
- You can create folders/directories to store your music files and use them as normal disks to copy or drag and drop files from other disk locations – as if you normally do with computers.
- Important: do not use the lost+found folder that it is for system maintenance purposes in the Ideon Local Disk.
- Connect your PC, laptop, or Mac to the same network as your Stream.
- Go to Network on your PC, laptop, or Mac (refer to the photo).
- Enter the Stream's IP address into the designated network field (refer to the photo) and press Enter.
- The Stream's Local Disk Folder will now display on your screen (refer to the photo).
- Additionally, you may see the Ideon USB Disk folder if any USB disks are connected to the device.
- Click on these folders to open them.
- You can create new folders/directories to organize your music files and use them like normal disks for copying or dragging and dropping files from other locations, just as you would on a computer.
- Important: avoid using the 'lost+found' folder in the Ideon Local Disk, as it is reserved for system maintenance purposes.



### Calling your Dealer.

If you encounter any issues connecting and configuring the Absolute Stream, ensure you thoroughly review all instructions and suggestions provided in the user guide before contacting your dealer. Most likely, the information you need is already covered in the user guide.

## Technical Specifications

SUPPORTED FORMATS (INPUT DEPENDENT)	<b>44.1kHz to 384kHz PCM up to 32 bits, any DSD</b>
SYSTEM SSD	<b>128GB for OS system</b>
INTERNAL STORAGE	<b>4TB for Music Libraries</b>
DIGITAL AUDIO OUTPUT	<b>2 X USB with proprietary Re-Clocking (one with 5v rail, one without)</b>
INPUT	<b>Ethernet</b>
EXTERNAL CONNECTIVITY	<b>2 X USB 3.0 for external HD Music Libraries</b>
POWER SUPPLY	<b>3 X ultra-low noise full Linear power supplies (for all different voltage needs). No Switching power supply at any point of the device</b>
DIMENSIONS (W x H x D)	<b>490 x 350 x 110 mm ( 19.2 x 13.7 x 4.3 in)</b>
WEIGHT	<b>22 kg (~ 49 lbs)</b>



## Safety Instructions

- WARNING. TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS DEVICE TO RAIN OR MOISTURE.
- Clean only with a dry cloth. Do not place flammable material on or underneath this device.
- Do not remove or bypass the ground pin on the end of the AC cord unless necessary to reduce hum from ground loops of connected equipment. Disconnecting the ground may cause RFI (radio frequency interference) to be induced into your playback setup. Removing or bypassing the ground pin on any electrical component is potentially dangerous and should be avoided for safety reasons.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. Unplug this apparatus during lightning storms or when unused for long periods of time.



## Servicing

THERE ARE NO USER-SERVICEABLE PARTS INSIDE ANY IDEON AUDIO PRODUCT. PLEASE REFER ALL SERVICING TO QUALIFIED PERSONNEL.

Please contact your authorized dealer, distributor, or Ideon Audio if you have any questions not addressed in this reference document.





## Warranty

Ideon Audio provides a 2-year manufacturer's warranty on all new Ideon Audio components.

The Ideon Audio seven (7) year and extended Lifetime Limited Warranty

You can extend the standard 2-year manufacturer's warranty into a 7-year warranty by registering your product with us. To do that, you need to send us your Name, Address, tel., email and the proof of purchase in the form of a bill of sale, invoice (or copy thereof) from the Ideon Audio dealer or Distributor. For further detail please contact your dealer or refer to Ideon Audio's official site.

Furthermore, Ideon Audio also offers a Lifetime product warranty that can be purchased at 17,5% of the retail price for any of our products. Please coordinate with your dealer or local distributor for that.

The Ideon Audio limited warranty covers defects in the materials and workmanship in this product. Under the terms of this warranty we will repair the product free of charge (parts and labor) — or replace it where we deem that repair is not possible — for malfunction due to inherent defects in the materials or construction.

Ideon Audio has authorized distribution in many countries of the world. Warranty service should be obtained directly from

the importing retailer or distributor from whom you purchased the product. In the unlikely event of service required beyond the capabilities of the importer, Ideon Audio undertakes to fulfill the conditions of the warranty.

In case of malfunction please contact your dealer to arrange for service. If you have purchased the product directly from Ideon Audio, please contact us directly at [info@ideonaudio.com](mailto:info@ideonaudio.com), quoting subject: fault and a short description of the issue.

Please note that the product must be returned using original packaging only and accompanied by a written description of the issue, defect, or malfunction.

### **\*Extended, lifetime warranty coverage**

- This specially extended warranty covers the lifetime of the product model.
- This warranty is transferable under condition that each new owner informs Ideon Audio importers, dealers, or Ideon Audio directly the device model, number, previous owner name & new owner name & address.
- In cases of obsolescence of materials or superseded technology, the product will be repaired using currently available materials and technology of equivalent performance characteristics, or better.
- "Future proof": if Ideon Audio releases upgrades to, or improved versions of, the purchased product, these are made available to subscribers at cost of parts and materials only. Shipping to the service location is borne by the owner, Ideon Audio or its distributors / dealers pay for return shipping.

**This warranty is voided in cases of,**

- Damage and /or malfunction caused by tampering or modifications to the product's original state, attempts to fix, or other alterations to the product by persons other than factory authorized service personnel.
- Damage and /or malfunction caused by improper use, abuse, or improper operation of the product.
- Failure to comply fully with Ideon Audio operating instructions.
- Damage to cables or attachments and cosmetic damage induced by use.
- Products obtained outside the network of authorized Ideon Audio dealers and resellers.

**General Warranty Terms.**

This Warranty is subject to the following conditions and limitations: The Warranty is void and inapplicable if the product has been used or handled other than in accordance with the instructions in this document, abused, or misused, damaged by accident or neglect or in being transported, or the defect is due to the product being repaired or tampered with by anyone other than Ideon Audio or an authorized Ideon Audio repair center.

1. The product must be packaged and returned to Ideon Audio or an authorized Ideon Audio repair center by the customer at his or her sole expense in the original packing material. Ideon Audio will pay return freight of its choice for original purchasers.
  2. Returned product must be accompanied by a written description of the issue or the defect. Ideon Audio reserves the right to modify the design of its products without obligation to purchasers of previously manufactured products and to change the price or specifications of any product without notice or obligation to any person.
  3. Ideon Audio provides only a 2-year limited warranty for the hard disk, memory used in the Absolute Stream, and the CPU. After this period, in case of malfunction or failure, the replacement will be at the cost of components plus labor.
- In the event the product fails to meet this Warranty and the above conditions have been met, the purchaser's sole remedy under this Limited Warranty shall be to return the product to Ideon Audio or an authorized Ideon Audio repair center where the defect will be repaired without charge for parts or labor.
- This warranty does not cover the cost of custom installation, customer instruction and setup adjustments.
- This warranty does not cover cosmetic damage or any damage due to accident, misuse, abuse, negligence or modification of, or to any part of the Product, without initial express consent from Ideon Audio.
- This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Ideon Audio to service the Product.

## Enjoy the music, enjoy hi-definition in music!



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