

Quick Start Guide.

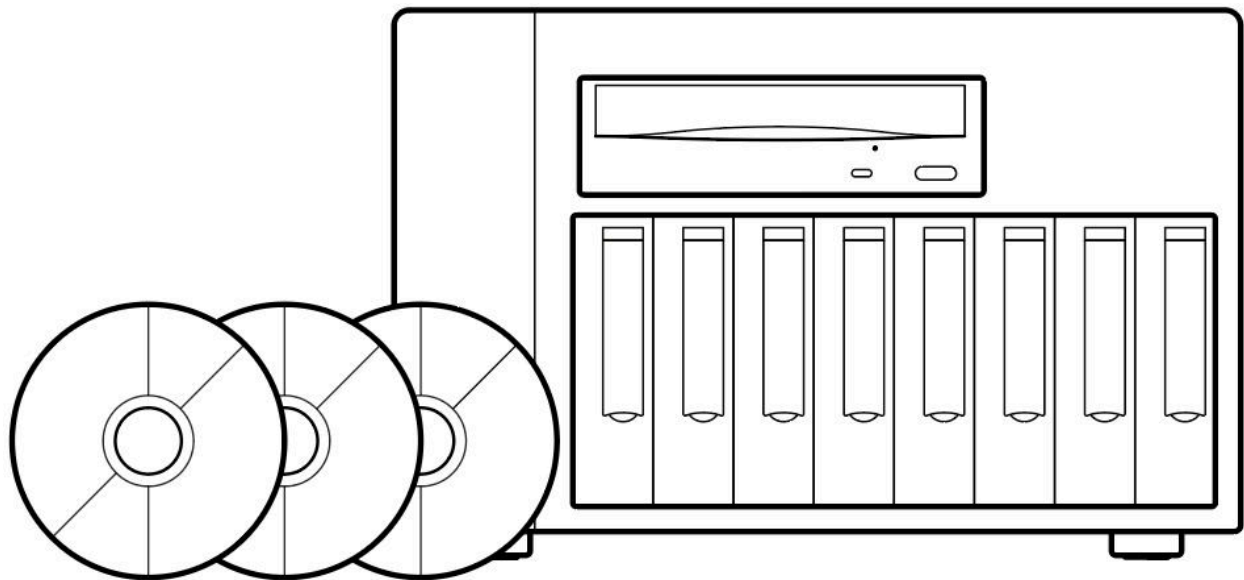
Rvolution NAS

Rvolution NAS

General Presentation.

Equipped with advanced video processing technology and a comprehensive media center application, the Rvolution NAS delivers exceptional value, enabling users to establish the perfect video library storage and a vibrant entertainment hub. Compatible with one or several Rvolution media players, it allows you to supply entertainment across various rooms seamlessly. The Rvolution NAS stands out as a robust, high-capacity storage solution, designed for home and individual users to relish in a multi-room video experience. Additionally, it provides the ROON server as an optional feature for enhanced music performance.

The integrated optical disc drive in the Rvolution NAS offers a fully automated, precise backup for your 4K UHD, Blu-ray, and DVD discs. Simply open the tray, insert your disc, and the rest is handled automatically! The Rvolution NAS efficiently manages the entire process, saving your disc's data to its internal memory and then ejecting it, ready for the next one. It's a hassle-free solution for preserving your media collection.



Starting Installation.

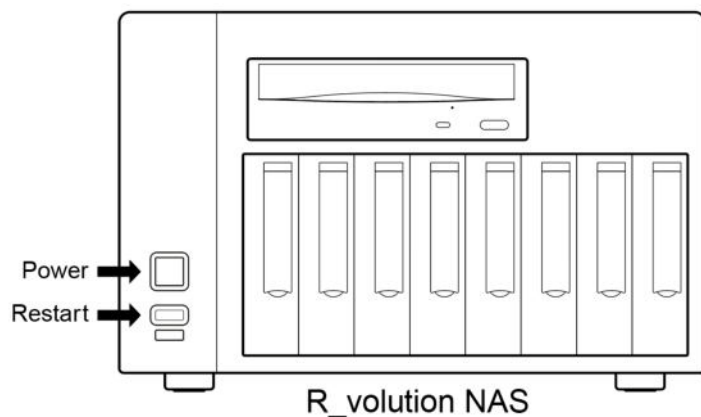
HDD installation.

Begin by unpacking your R_volution NAS and opening the number of trays corresponding to the hard drives you wish to install, starting from the left. For instance, to install four hard drives, open the first four trays on the left. Ensure at least three hard drives of identical capacity are installed for effective RAID 5 data security. After opening the trays, secure the hard drives onto the racks with screws. Then, slide the trays back into their designated slots.

Important: Only use hard drives specifically designed for NAS servers; WD RED hard drives are highly recommended for their reliability.

Start-up.

1. Connect an RJ45 network cable (we recommend class 6 or 7) from your R_volution NAS to your local network. This can be done directly to your router/DSL box or via an Ethernet switch connected to your router.
2. Connect the provided power cable to your R_volution NAS.
WARNING! The use of other connectors is reserved exclusively for R_volution certified technicians in the event of a malfunction. Please avoid using them!
3. Power on the R_volution NAS by flipping the **Power button** located on the front panel. The button will light up in blue.



NAS initialization.

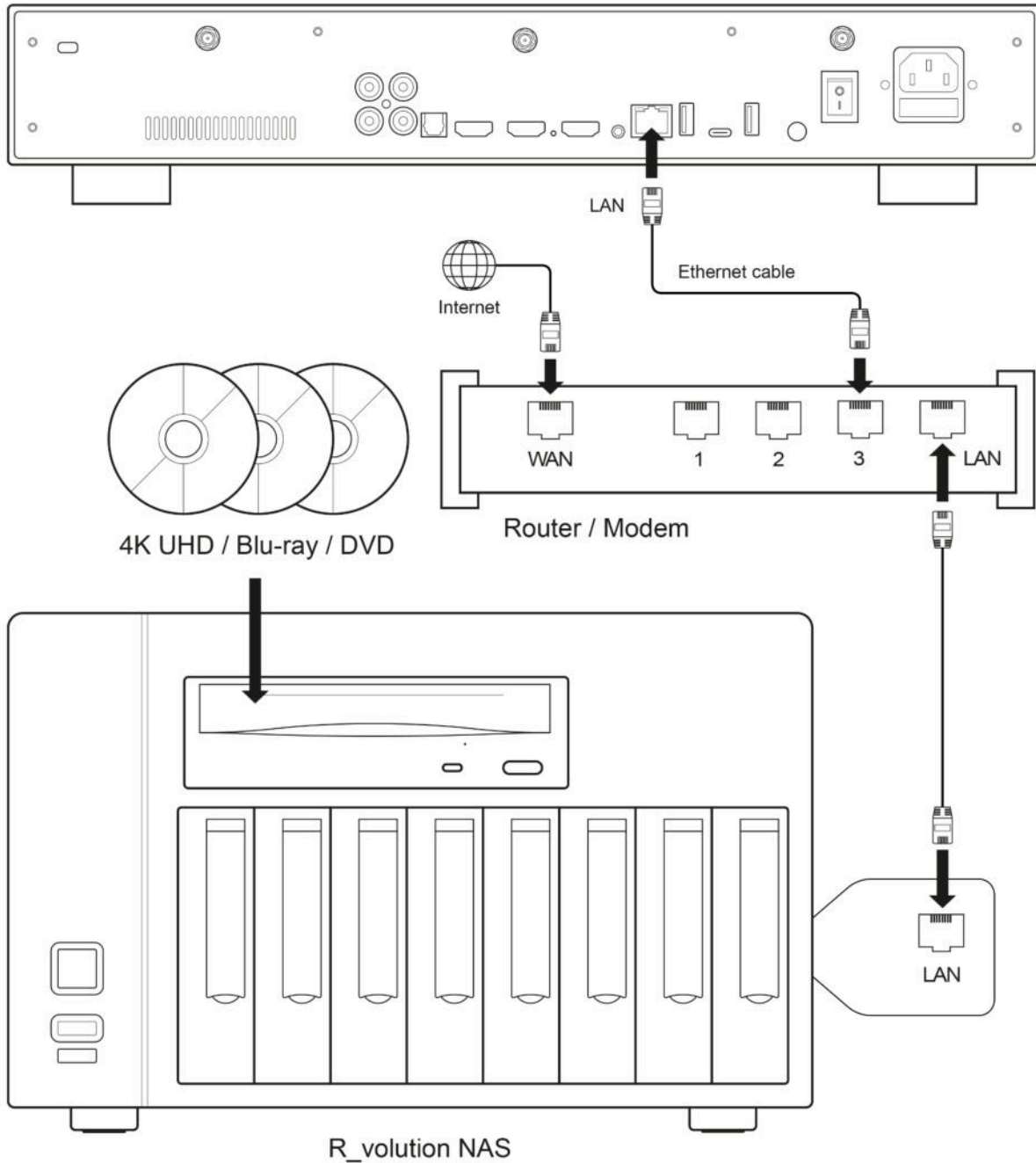
Even if you have pre-formatted the drives, the R_volution team must still initialize the NAS. Should your hard drives require formatting, we will handle this upon your request. To initiate the process, please reach out to our support team at nas@rvolution.com.

Important: For all customer support inquiries, your NAS serial number is essential. You can find this number on a sticker underneath the NAS unit. Our support team will respond within 48 hours during business days, from Monday to Friday.

Setting Up R_revolution Players.

To stream your video content on your TVs, a R_revolution Player is necessary for each designated zone with a R_revolution NAS. Ensure one player is set up per area for optimal performance.

R_revolution PlayerOne



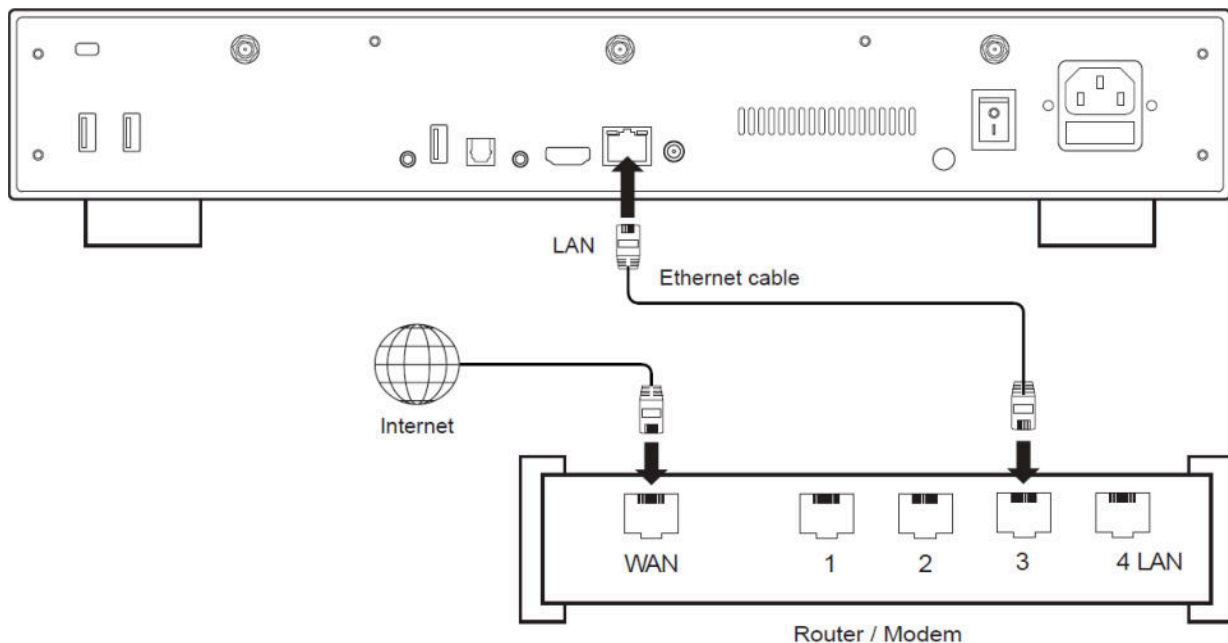
Starting

If you have multiple R_volution players, begin the complete setup with the first one. Afterward, you can skip the R_video Setup for the subsequent players, as it's required only once for all units.

1. Ensure ample space around the media player for adequate cooling—at least 10 cm on each side. Check that the remote control has batteries inserted and that they are correctly oriented according to polarity

2. Connect your R_volution Player to your **TV** and other A/V equipment using an **HDMI** cable for optimal video and audio quality. For more info, please check the [user manual](#) of your media player. Turn off all devices before making connections, and set your TV and A/V equipment to the correct inputs. Use the HDMI OUT port for connecting the player to your TV, then power on your TV first.

3. Connect your R_volution player to your **Router (or Network Switch if you are using one)** using **Ethernet** cable 5E or superior.



4. Connect the player to a power outlet using the **provided power cable**.

5. Turn it ON by pressing the **Power-ON button**, located on the back of the media player. Then, press the **Power button**, located on the left side of the front panel. The media player will undergo an initial load, displaying the "R_volution" logo, which may take about a minute. Then, the main menu screen with options like **Video**, **Explorer**, and **Setup** will appear.

If the "R_volution" logo doesn't appear when powering on, it could indicate a connection issue or incorrect video input selection on your TV or AV receiver. Double-check the connections and settings, try different cables or connection methods, and if issues persist, consult the [R_volution knowledge base](#) or contact support at nas@rvolution.com

Firmware Update

Start by **checking** if your **firmware** is **up to date**.

R_volution Player Firmware Update Procedure:

- When starting your R_volution Player, if there is a new update, R_volution will popup a message to update it. If not, go to **Setup / Miscellaneous / Firmware upgrade**.
- Click on "**Check Available Updates**". If your version is not the last one, click on the dedicated button to upgrade it and follow the on-screen procedure. *Please do not disconnect the R_volution player during the upgrade procedure!*

Settings

Adjust the player settings as needed using the "Setup" button on the main screen of the player menu. In particular, you may want to adjust video settings, audio settings, and network settings. For more info, please read the [user manual](#) of your media player.

TIPS: Use the RC buttons **UP, DOWN, LEFT, RIGHT, OK, RETURN** to navigate through the player menu. Use the **MENU** RC button to show the list of available commands (PopUp Menu). Use the **BACK** RC button to go back to the previous screen / menu. Use the **HOME** button to go back to the **Home Page** (main page).

Language Settings

To choose the language of the player menu, go to "**Setup / General / Interface Language**". Then, select your language. In this section, you can also set your time zone, the time format and the screen saver.

Display Settings

You have nothing to do. The auto mode is adapted to the majority of TVs. In case of trouble or display issue, do not hesitate to visit our knowledge base:

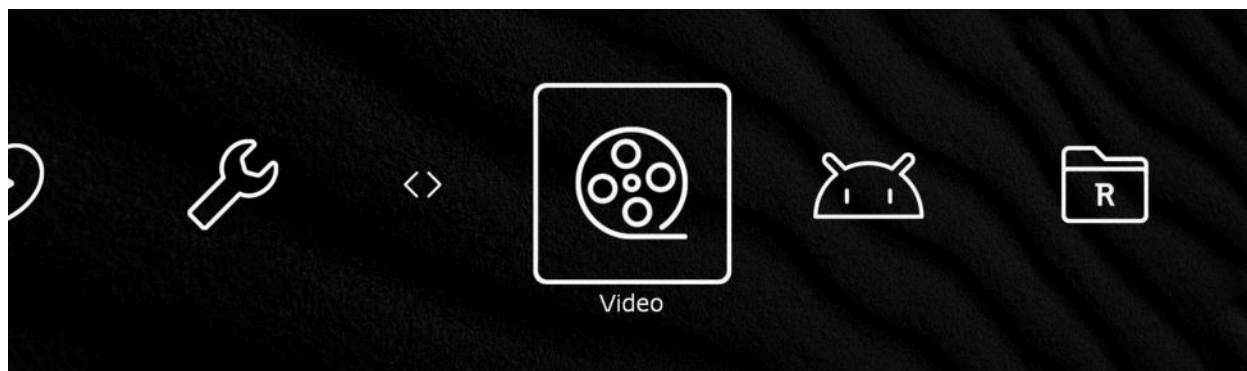
<https://revolution.freshdesk.com/en/support/solutions>

For the best performances in 4K, we advise the following settings: **YCbCr 4:4:4 / 10-Bit**.

Audio Settings

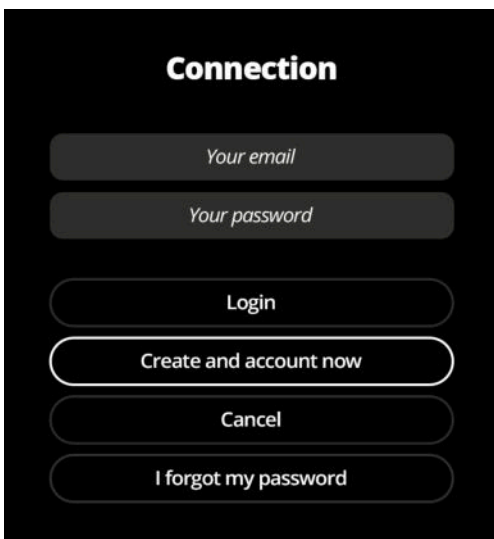
To set the audio preferences, go to "**Setup / Audio**". If your R_volution player is connected to an AV receiver or a sound bar, please select **HDMI (HD audio enabled)** mode in "**Digital Audio Connector**". If your R_volution player is directly connected to your **TV**, please select "**PCM (decode)**" in "**Digital audio output mode**". If you are using an older generation AV receiver that is not compatible with HDMI, set the "**S/PDIF (HD audio disabled)**" in "**Digital Audio Connector**".

R_video Setup.



Warning! Before taking a closer look at the settings, your R_volution NAS has to be initialized by the R_volution technicians (nas@rvolution.com).

1. On the **home page** of the media player, click on "**Video**".
2. Follow the on-screen instructions and **select your language**. An information panel will describe the remote control buttons.



3. If you already have an R_video account, enter your email and password then click on "**Login**".

Note that if you have created an account on the R_volution Store you will have to recreate one because this is a different account.

In case you have forgotten your password, click on "**I forgot my password**" and proceed as guided.

To **create a new account**, simply press the "Create an account now" button and adhere to the instructions displayed to establish your R_video Account.

The screenshot shows a registration form titled "Create an Account" on a dark background. The form consists of several input fields and buttons. On the left side, there are three stacked input fields: "Your email", "Your password", and "Pasword confirmation". On the right side, there are two stacked input fields: "Your firname" and "Your name". Below these is a checkbox labeled "I accept the general conditions" which is checked. At the bottom of the form, there are three buttons: "Register", "Read the General Condition", and "Cancel".

After completing the fields on the Account Creation page, move the cursor to “**Register**” and validate using the **OK** button on the remote control.

Tip: You can connect a USB keyboard (QWERTY layout only) for easier credential entry, which can replace the on-screen keyboard.

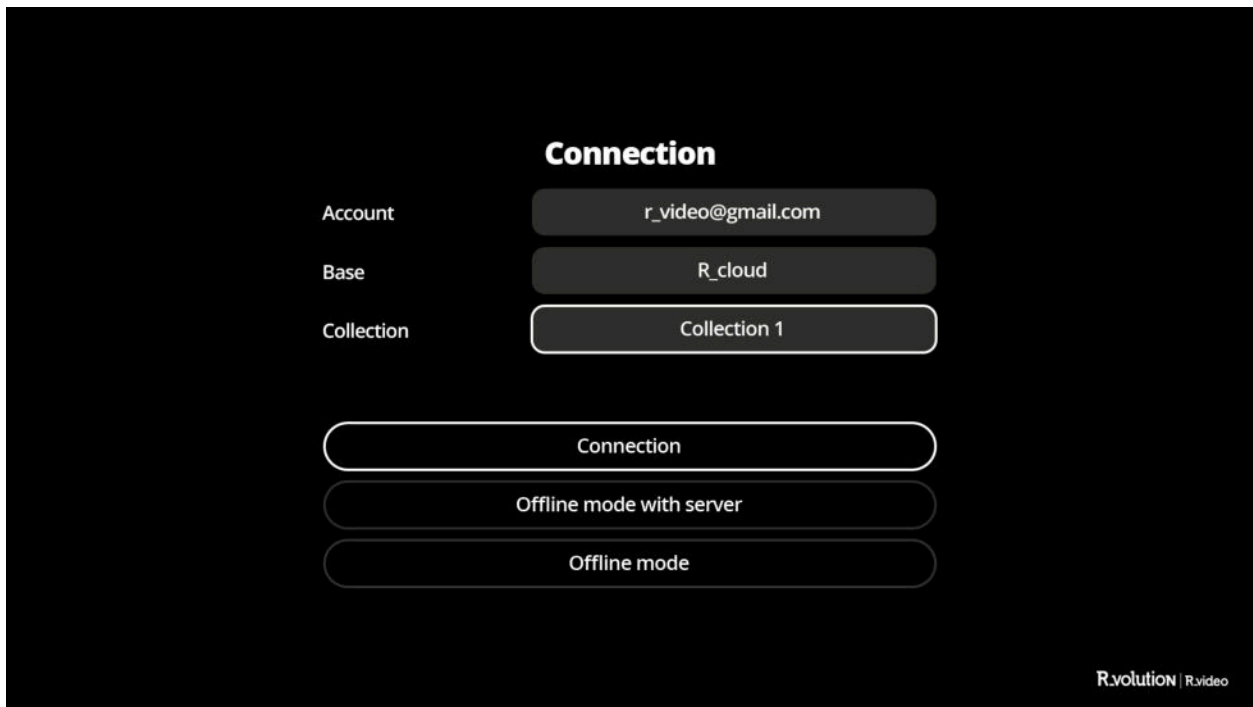
4. Next, input your "**Token**" number found on a label located under your R_volution Player.

The screenshot shows a screen titled "Token Number" on a dark background. It features a single input field with the placeholder text "Enter your Token number". Below the input field are two buttons: "Apply" and "Back".

Each "Token" number is unique to a single R_video account. Choose wisely when linking your Token number with an account. Remember to record your R_video Login (email) and Password linked to the Token Number for future reference.



Note: If the message "This token number is already used" appears, your player may already be registered under another email address. Try using a different email or contact customer support for assistance.



5. Upon reaching the **connection** interface, you'll notice the "**Base**" section lists **R_cloud**—even for R_volution NAS owners. This is expected. Simply click the "**Connect**" button at the screen's bottom.

6. The R_volution team's remote setup includes creating two directories, **Movies** and **TVShows**, within a **Video** folder on your NAS. When backing up your discs, they're stored as **BDMV folders** within the designated **Video/Movies** and **Video/TVShows** directories.

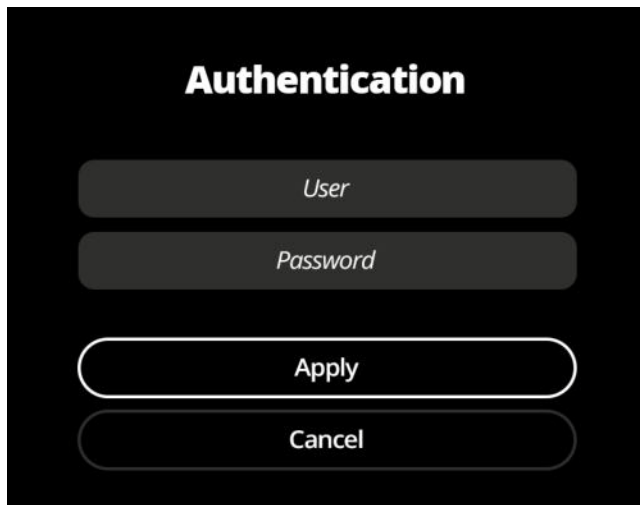
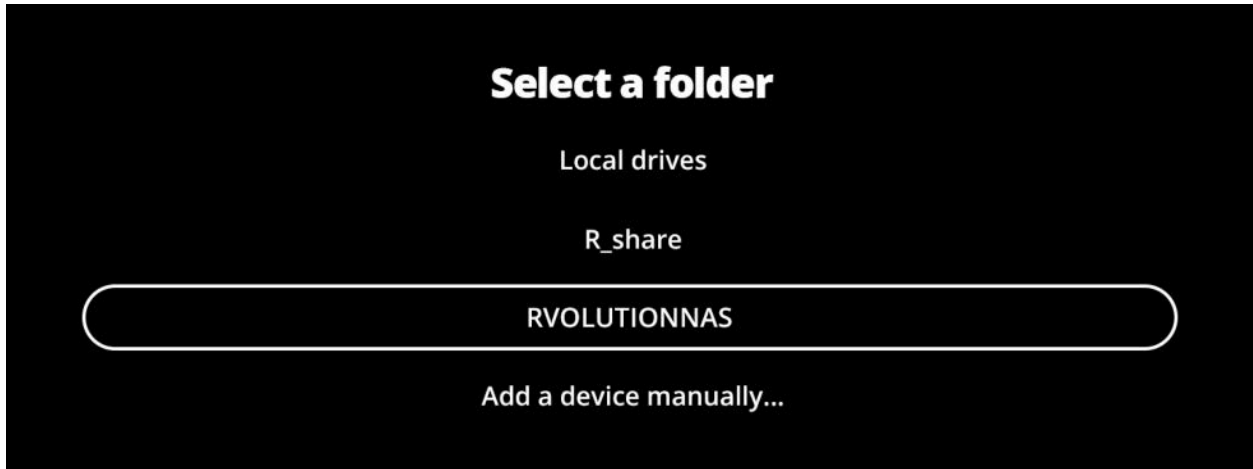
Note: To integrate personal movie files into your R_video library, place them in the **Video/Movies**.

Folder Management

When the **Folder Management** interface is displayed, select the "+" button to **add the directory** that contains your **movies** for **identification**.

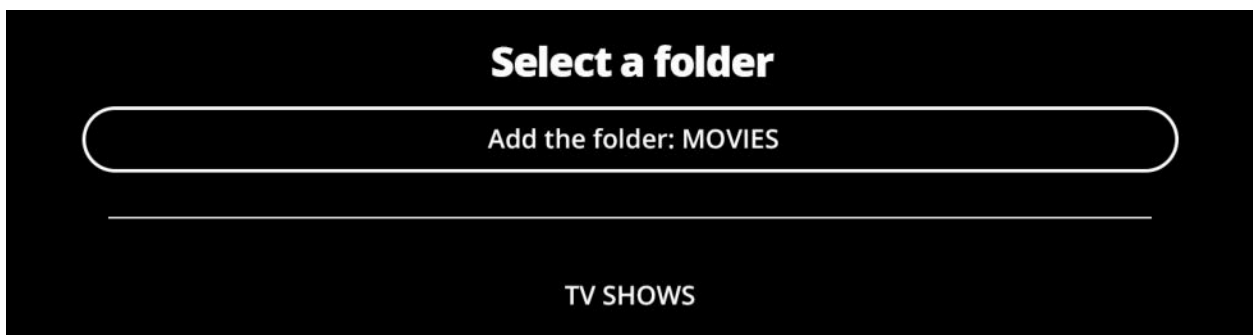


Select **RVOLUTIONNAS** from the list.



In the **Authentication Panel**, keep the fields **blank** and press Apply.

In the **Select a folder panel**, navigate to the "**Movies**" **directory**. Once inside, select the "**Add the Folder: Movies**" button to include it.

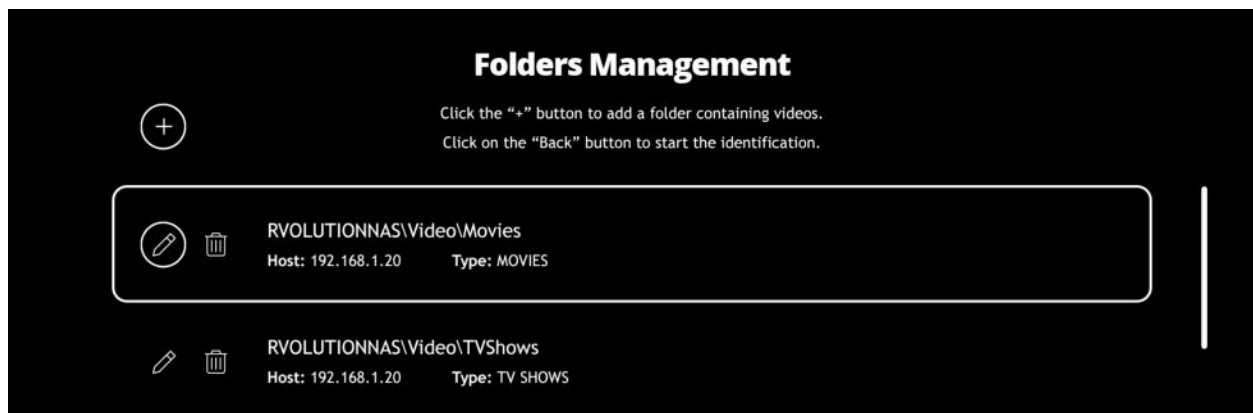


Warning! Please just add the folder named "Movies". Do not navigate deeper. All the movies contained in this folder, as well as its subfolders, will be analyzed.

Note: it is completely normal to only see your folders in this "Select a folder" window. Files are deliberately filtered and made invisible in the list to make configuration easier.

Caution ! If you click OK while navigating to a subfolder inside the "Movies" folder, only the movies located in that subfolder will be analyzed.

Your file will be added to the list of files to scan. The name of the added folder must appear in the Folder Management screen. If the folder path does not look correct, you can use the "Edit" button illustrated with a pencil icon. If you want to delete a folder from this list, click on the "Delete" button illustrated with a trash icon (this will not delete your files on the hard drive but only the index folder).



Then repeat the procedure to add the "TVShows" folder. Once you have added your folders Movies and TVShows, exit this screen by pressing the Return button on the remote control. R_video will launch its first analysis and reference all your video files located in the "Movies" folder previously indicated. If you have not inserted any disc in your Rvolution NAS, your collection will be empty. But do not worry. It is normal. In the following section, you'll learn how to rip a disc.

Documentaries with multiple episodes, like "Planet Earth," are categorized as TVShows in TMDb. Stand-alone documentaries are classified as Movies. For your personal documentary files, place them in the appropriate folder to ensure they are correctly identified in R_video. Concerts are consistently categorized as "Movies" within TMDb.

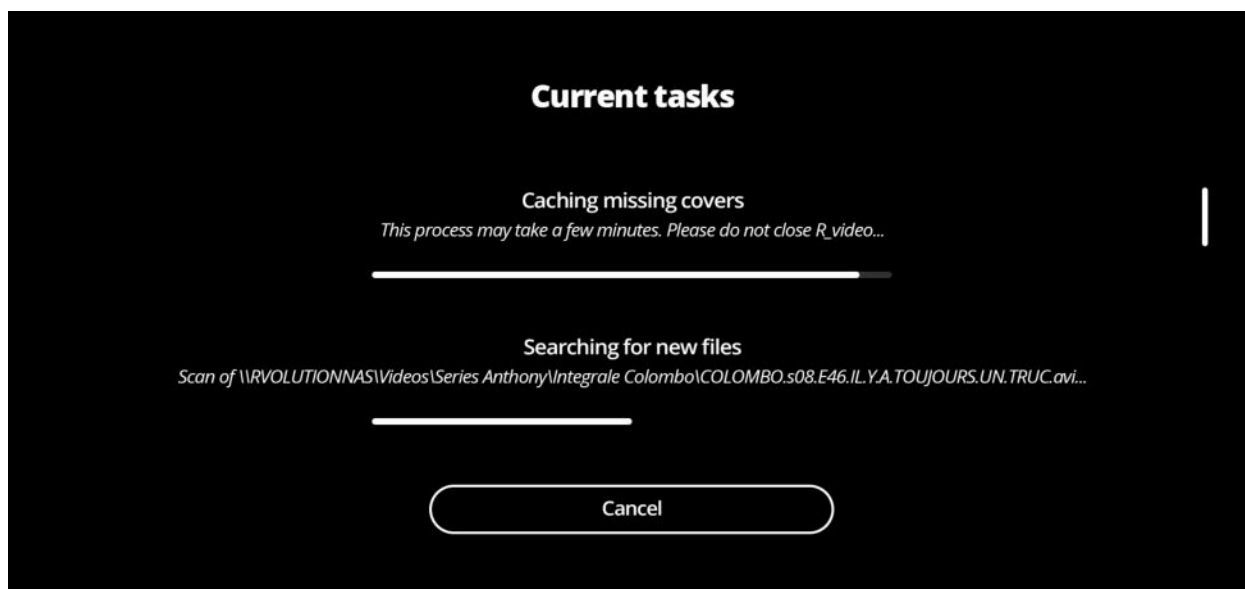
Note: To include your personal family videos (like vacation movies) in your R_video library, place them in a dedicated folder named "Video/Personal Movies". Then, add this directory to R_video just as you did with the "Video/Movies" and "Video/TVShows" folders.

How to Rip 4K UHD, Blu-ray and DVD discs.



Your R_volution NAS is now operational. Insert the disc (movie, concert, or TV show) into the tray to begin automatic **ripping** and **dematerialization**, which takes approximately **40-45 minutes**. After completion, the disc ejects, ready for the next one.

Upon launching R_video, new videos are automatically detected, scanned and **identified**. For **manual identification**, press **MENU** and choose "**Identify**".



An information panel is then displayed showing the various **tasks in progress**. Press the BACK button on your remote control to exit. You can reopen this "Current Tasks" panel at any time using the **MENU** button on your remote control. All R_video tasks are gathered in the Task Manager accessible from the MENU button on the remote control.

Warning: *If a disc fails to rip and ejects quickly, it may be dirty or need time for system indexing. Clean and retry, or wait a few days before reattempting. Persistent issues may indicate a required NAS update; contact us at nas@rvolution.com for support.*

Note: *For optimal performance, discs are saved in BDMV format. If you prefer ISO files over BDMV, feel free to contact us. Keep in mind, ISO files have limited support and require a longer ripping duration.*

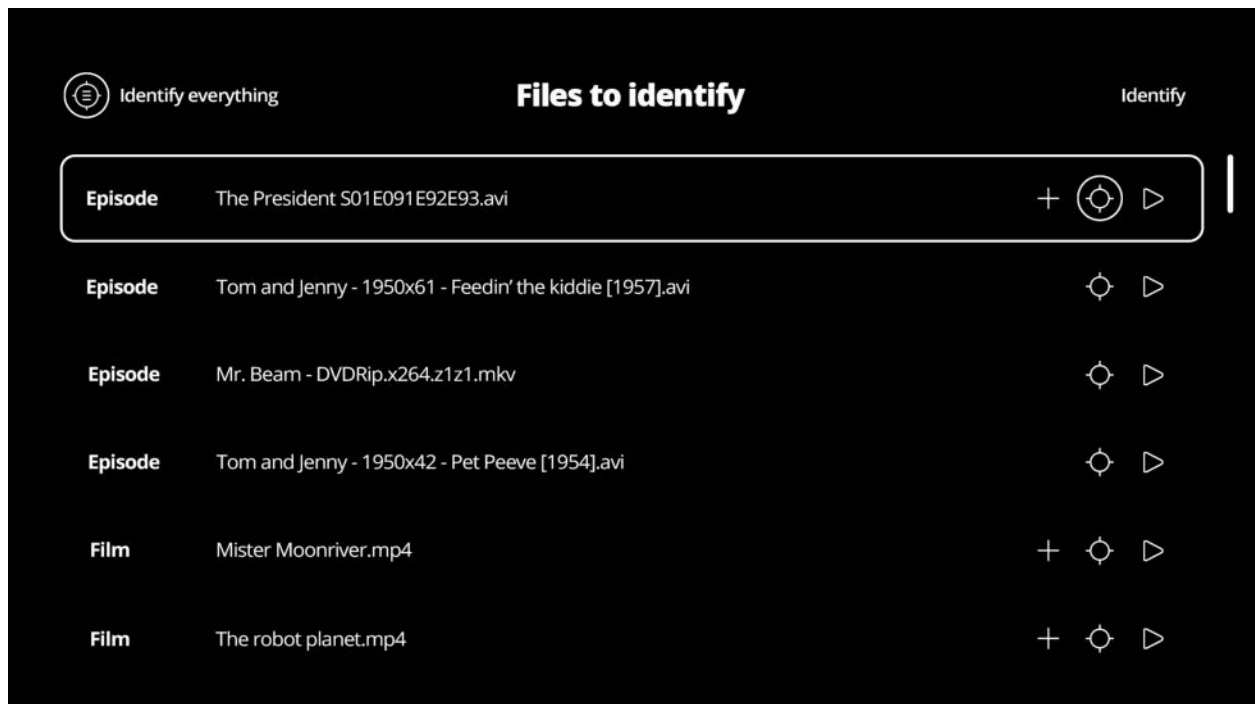
Use the **MENU** button on your remote while navigating your movie or TV show library to explore **additional features**. Discover R_video's advanced functionalities by visiting our **Knowledge Base** at: <https://rvolution.freshdesk.com/en/support/solutions/103000211221>

Film or concert not found or incorrectly identified.

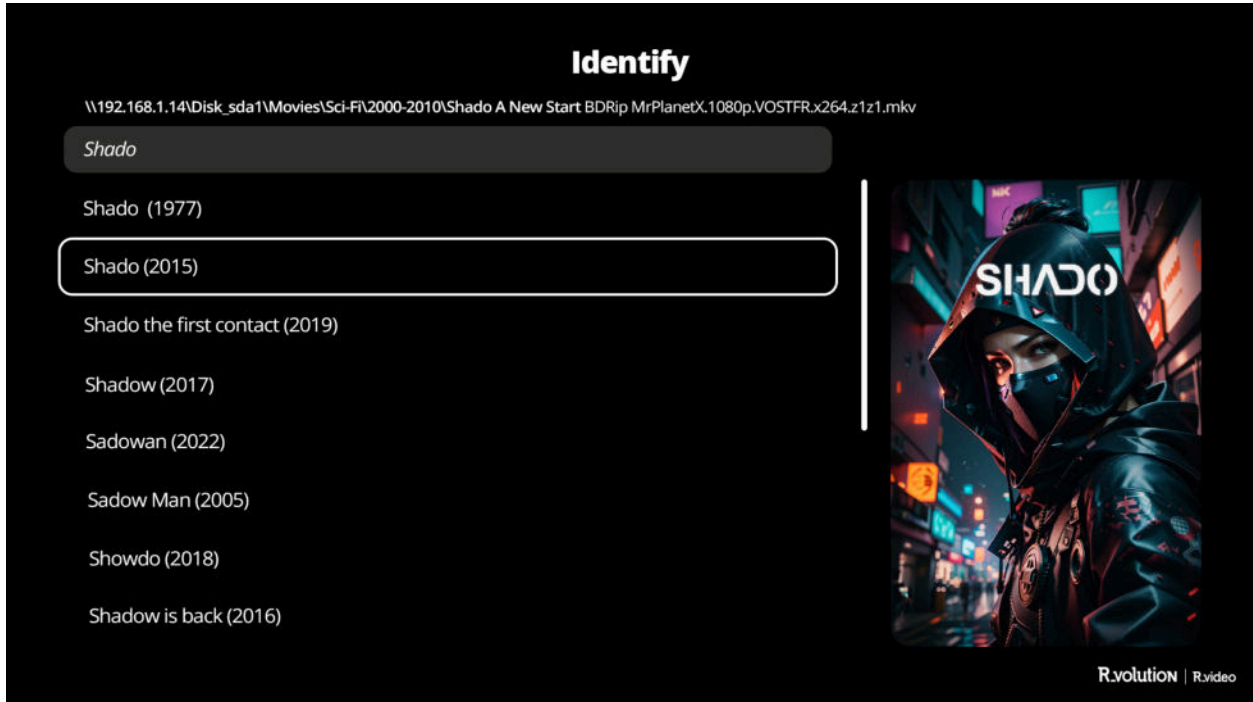
R_video can often identify titles even if files are incorrectly named, provided another user has previously identified the same file. The R_video DB is a community-driven database. However, unique files, such as re-encoded ones, or those never identified by another user, won't be recognized automatically. In these cases, try the following procedure:

Manually Identifying Unrecognized Movies or Episodes:

1. In R_video, press the **MENU** button on your remote and select the "**X to identify**" option.
2. If there are unidentified videos, you'll see a number indicating how many, e.g., "**10 to identify**".
3. A list of **unrecognized files** will appear.
4. Beside each file, three options are available. Use the "**Play**" button to preview the file if you're not sure of its content. Then, select the "**Identify...**" button, marked with a **target icon**, to proceed with **manual identification**



Then the subsequent screen will display :

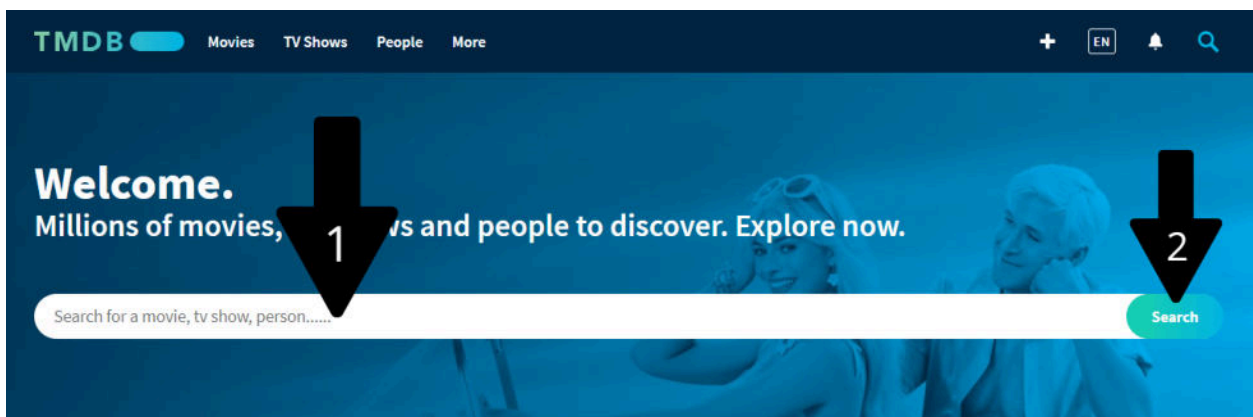


Navigate the suggestions using your remote's **DOWN/UP arrows**, then select **OK** to confirm your choice.

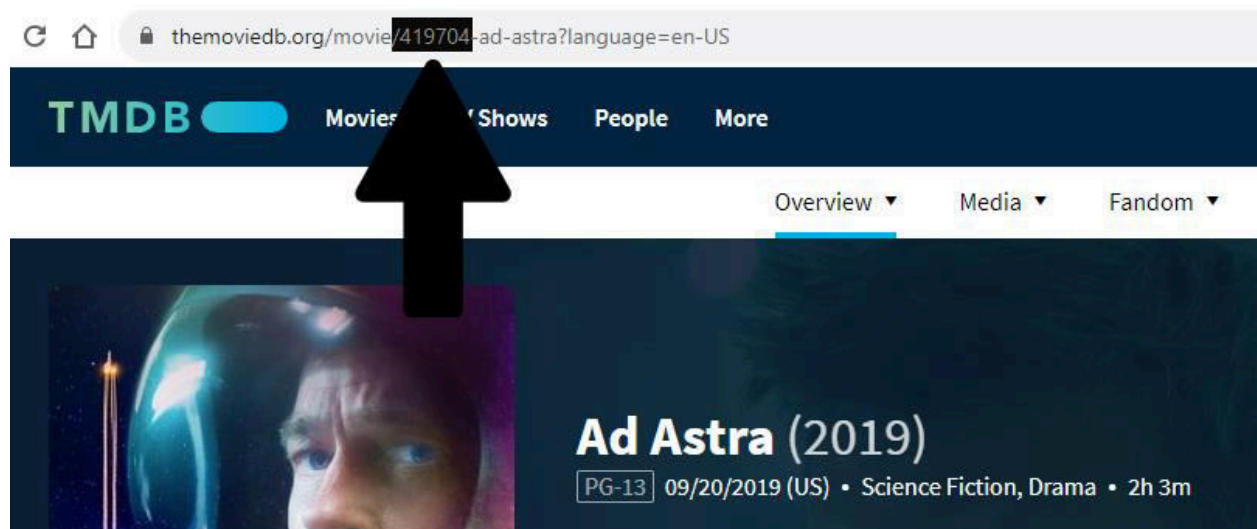
If the search returns no results, enter the movie's unique **TMDB ID code** directly into the R_video search bar for a guaranteed match.

How to find the TMDB ID code of your movie, concert or TV show:

In order to find the identification number for your movie or TV show, use a computer, tablet, or smartphone and visit the [TMDB website](https://www.tmdbsite.com). Enter the title, such as "**Ad Astra**," into the search bar and confirm with **Search**. Navigate the suggestions, then select the correct movie in the list.



Upon accessing the movie's dedicated page:



Example: <https://www.themoviedb.org/movie/419704-ad-astra>

The **identification number** is located in the URL of the movie or TV show's page, following "**movie/**" or "**tv/**".

Back on your **R_volution Player**, start **R_video**. In the "**Identify**" window, enter the **ID number** instead of the title. Confirm to initiate the search. The appropriate movie will be displayed; **click on it** to link the **correct movie** to your **file**.

Remember, **concerts** are listed as "**Movies**" in TMDB.

Create without identify

If this method does not work because your film is **not listed in the TMDB database**, you can create it without identifying via the dedicated option illustrated with a "+". It can be useful in the case of a **personal movie**.

Contribute to TMDB

Consider contributing by adding your title to **TMDB** after **creating an account**, thereby enriching the **community database**.

R_video DB.

R_video DB is a dynamic and robust engine for scanning movies and TV shows. With the collective efforts of the Rvolution community, it's becoming increasingly precise. For example, a file named Metropolis.mkv might link to the 2001 anime instead of Fritz Lang's 1927 classic. However, once a user correctly identifies a version, it updates for everyone.



R_video DB: Premium Movie Covers.

Beyond aggregating covers from various sources, R_video boasts its exclusive collection — R_video DB. Crafted by our design team, these posters are tailored for the R_video interface, ensuring clarity and visual appeal in multiple languages. The database currently hosts approximately **19,000 covers**, including trending titles, classics, and over **1,000 animated backgrounds**, plus original soundtracks exceeding **16,000**.

*R_video DB, our extensive movie database, includes over **1.5 million DVDs, Blu-rays, and 4K Ultra HD** globally.*

Congratulations on setting up your R_video collection!

NEXT: Displays current movies or TV shows and queues up the upcoming episodes.

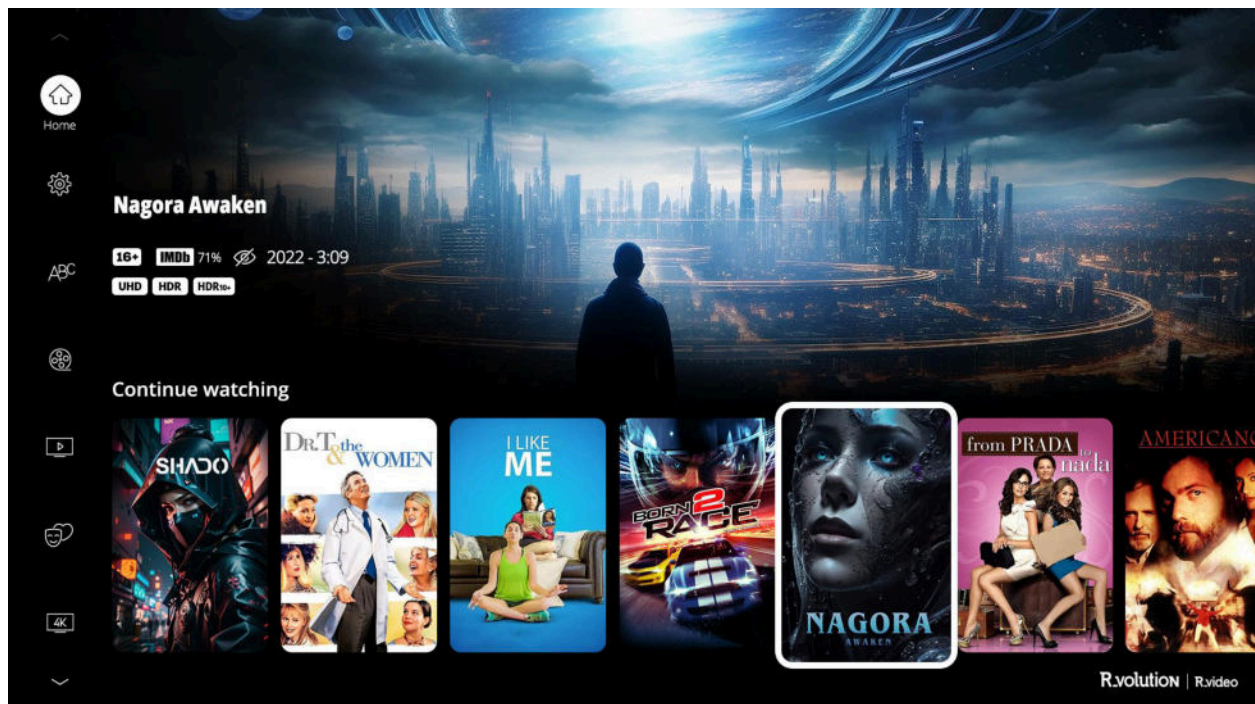
ALL: All your videos, both movies and TV shows, are organized alphabetically here.

MOVIES: Dedicated to your entire movie collection.

TV SHOWS: Houses all your series and episodes.

RECENTS: The most recent videos processed by R_video are presented here.

CATEGORIES: Your videos are carefully categorized here.



Customize your Rvolution Video homepage to your liking. Rearrange, add, or remove menu items, and organize content in your showcase by pressing the **MENU** button on your Rvolution remote.

For **additional features**, use the **MENU** button while browsing your movie or TV show selections.

Features and options.

The **menu** offers a suite of **additional features**, such as:

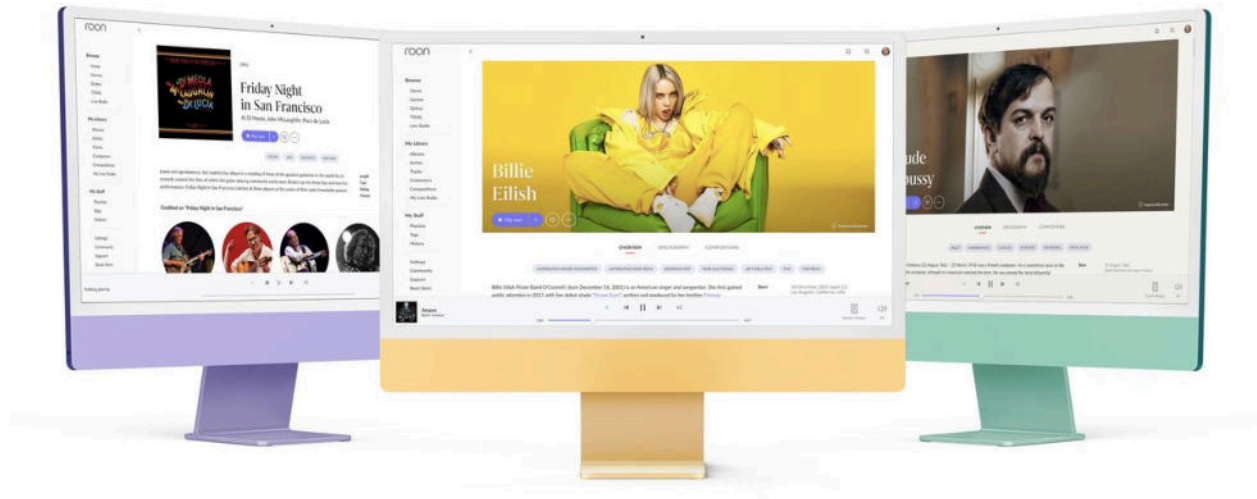
- Deleting a movie, group, or episode.
- An Edit Panel for altering top movie covers and technical details.
- Adding a module to the Showcase for homepage customization.
- Changing the Status of content (Seen, Unseen, Ongoing).
- Organizing homepage modules.
- Altering movie covers or wallpapers.
- Grouping movies.
- Categorizing movies or TV shows.
- Creating and managing categories.
- Managing icon displays on covers.
- Library statistics.
- Cache management.
- Applying filters and sorting.
- Enabling parental controls.
- Continuous playback within a group.
- Downloading subtitles.

The **Configuration** button provides access to **advanced settings**, including:

- Language preferences for interface and analysis.
- Display options for lines or posters.
- Enabling scan on startup.
- User interface customization.
- Setting default subtitle language.
- Hiding animated backgrounds.
- Demo trailers for video launches.
- Soundtrack volume control.
- Managing automatic status updates.
- Choosing upgrade sources (release or beta).
- Customizing identification settings.
- Excluding terms from identification.
- Auto-playing the next episode.
- Account management.

For detailed information on advanced features, refer to our **Knowledge Base**:

<https://revolution.freshdesk.com/en/support/solutions/103000211221>



Roon Server.

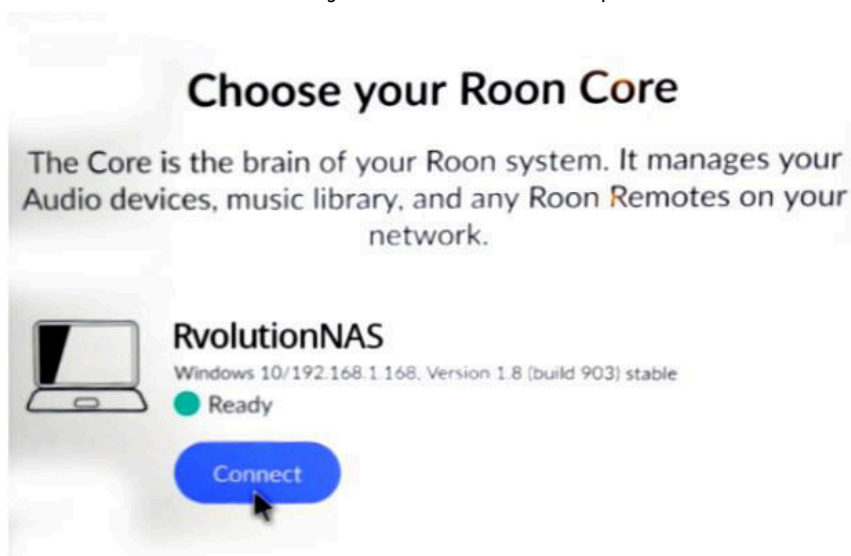
Control your music from your tablet or computer.

Roon Server is compatible with your Rvolution NAS for a seamless music management experience. For installation details, please contact us.

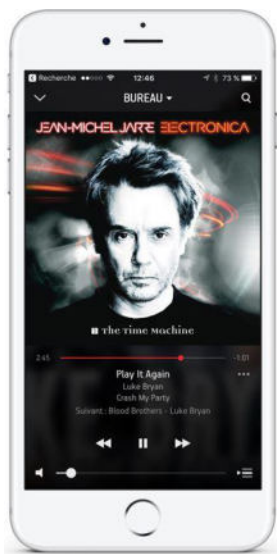
Enjoy the convenience of Roon Server to orchestrate your music playback from any **computer, smartphone, or tablet** (iOS or Android)—no TV required. Simply select the Rvolution NAS and organize your music library directly from your device.

To get started with Roon on your device:

1. **Download** the Roon app from the official site.
<https://roon.app/en/downloads>
2. **Install** the **app** on your preferred device.
3. Select **RvolutionNAS** as your Roon Core and press the **Connect** button to begin.



Personal Music Files and Pictures.

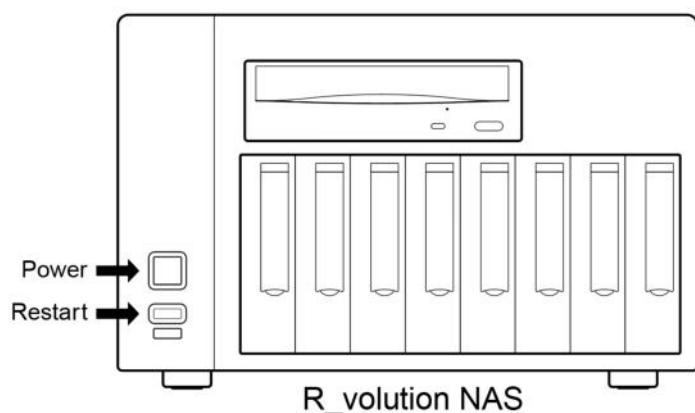


Store your personal music or photo files on the R_volution NAS; they won't be part of your R_video Collection but remain playable via the R_volution Explorer app or devices on your network (Sonos, Bluesound, or any Music Streamer).

For an organized audio collection on your R_volution NAS, it is recommended to create a "Music" folder (**RVOLUTIONNAS/Music**). Feel free to classify your music by genre or era. Enhance each folder with a thumbnail by placing a 500x500 resolution image named "**folder.jpg**" at the folder's root. Sonos supports images up to 1024x1024, while R_volution accommodates up to 8Kx8K. Likewise, add thumbnails to each category, artist and album for a visually appealing browsing experience.

Accessing R_volution NAS From Local Network.

On your local network, the NAS will appear as **RVOLUTIONNAS**. Windows users can access the R_volution NAS without entering a "user" or "password". MAC OS users may need to enter these credentials, depending on their system version. If access is denied, try using "**guest**" for both "**user**" and "**password**" fields to access your R_volution NAS over the network.



POWER OFF

To turn OFF the R_volution NAS, press the **POWER button** on the front panel's left side. There will be a slight delay before the NAS shuts down. Once turned off, the blue LED on the POWER button will turn off.

RESTART

For a restart, press the button located beneath the POWER button.

Knowledge Base and User Support.

Tutorials and knowledge database

You can find many tutorials and FAQs here:

<https://rrevolution.freshdesk.com/en/support/solutions>

User Support

To contact the user support, please use the dedicated form located here:

<https://rrevolution.com/contact-us>

You can also send an email to: nas@rrevolution.com

Rvolution

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