

R.volution NAS

R volution NAS Storage



R volution NAS Storage User Guide

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R.volution NAS

R volution NAS Storage



Product Information

Specifications:

- Product Name: R_volution NAS
- Network Cable Recommendation: Class 6 or 7 RJ45 cable
- Power: Provided power cable
- Initialization: Contact support team at nas@rvolution.com
- Player Setup: R_volution Player required for each zone

Product Usage Instructions

Installation:

1. Connect an RJ45 network cable from R_volution NAS to your local network.
2. Connect the provided power cable to R_volution NAS.
3. Power on the R_volution NAS using the Power button on the front panel.

NAS Initialization:

Contact support team at nas@rvolution.com for NAS initialization.

Setting Up R_volution Players:

One R_volution Player needed per zone with R_volution NAS for streaming video content on TVs.

Firmware Update:

1. Check firmware update by going to Setup / Miscellaneous / Firmware upgrade on R_volution Player.
2. Follow on-screen instructions to upgrade firmware. Do not disconnect player during upgrade.

Settings:

Adjust player settings via the Setup button on the main screen of the player menu. Navigate using RC buttons.

Language Settings:

Choose player menu language in Setup / General / Interface Language section. Set time zone, time format, and screen saver here.

Display Settings:

Auto mode is suitable for most TVs. For 4K performance, use YCbCr 4:4:4 / 10-Bit settings.

FAQ (Frequently Asked Questions)

1. Q: Where can I find my NAS serial number?

A: The NAS serial number is located on a sticker underneath the NAS unit.

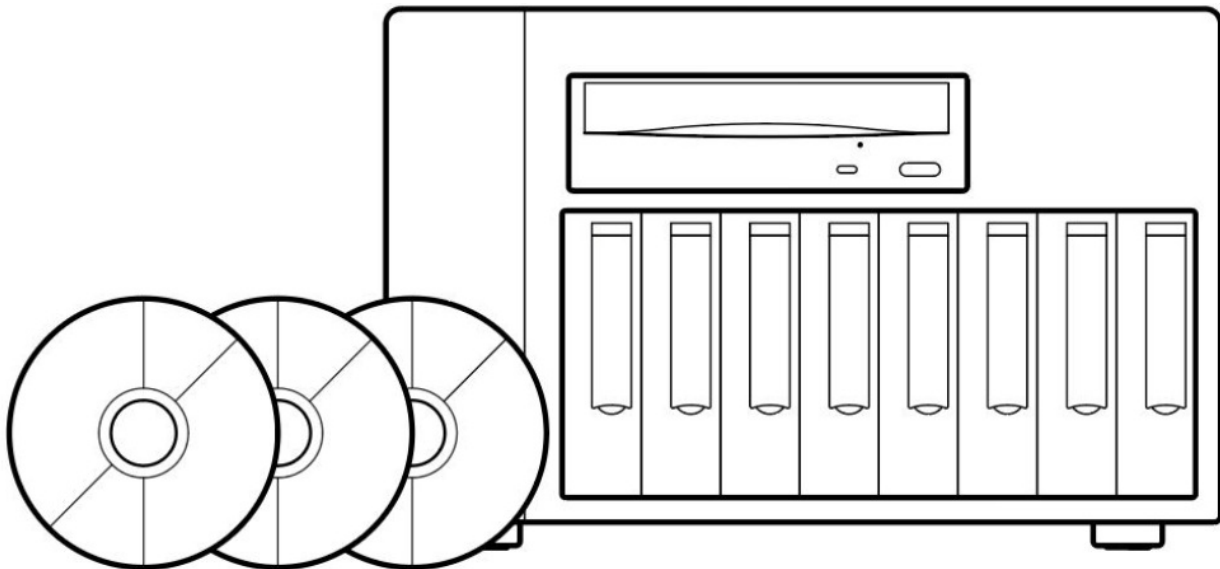
2. Q: How do I update the firmware on the R_volution Player?

A: Go to Setup / Miscellaneous / Firmware upgrade on the player. Check for updates and follow on-screen instructions to upgrade.

General Presentation

Equipped with advanced video processing technology and a comprehensive media center application, the R_volution NAS delivers exceptional value, enabling users to establish the perfect video library storage and a vibrant entertainment hub. Compatible with one or several R_volution media players, it allows you to supply entertainment across various rooms seamlessly. The R_volution 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 R_volution 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 R_volution 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.

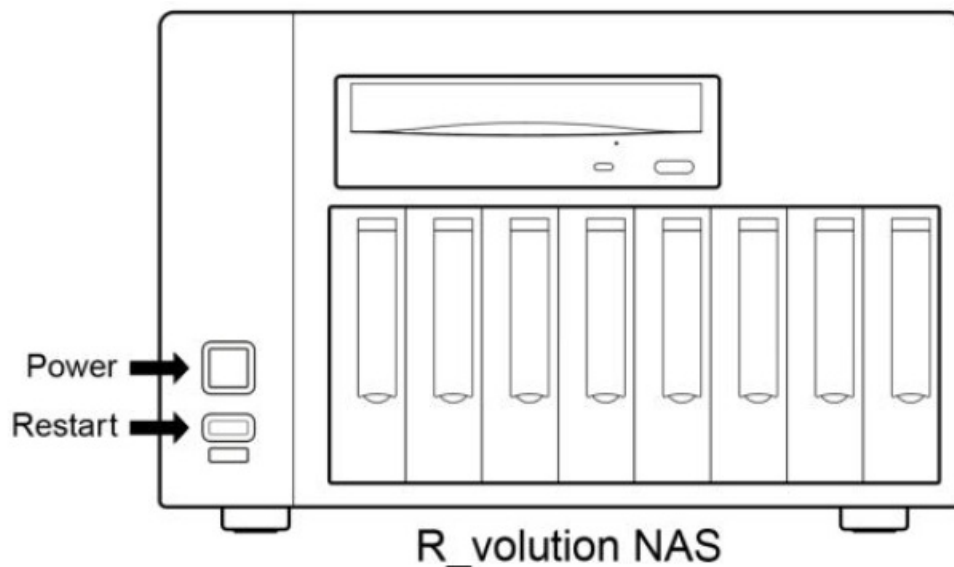
Start-up.

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.

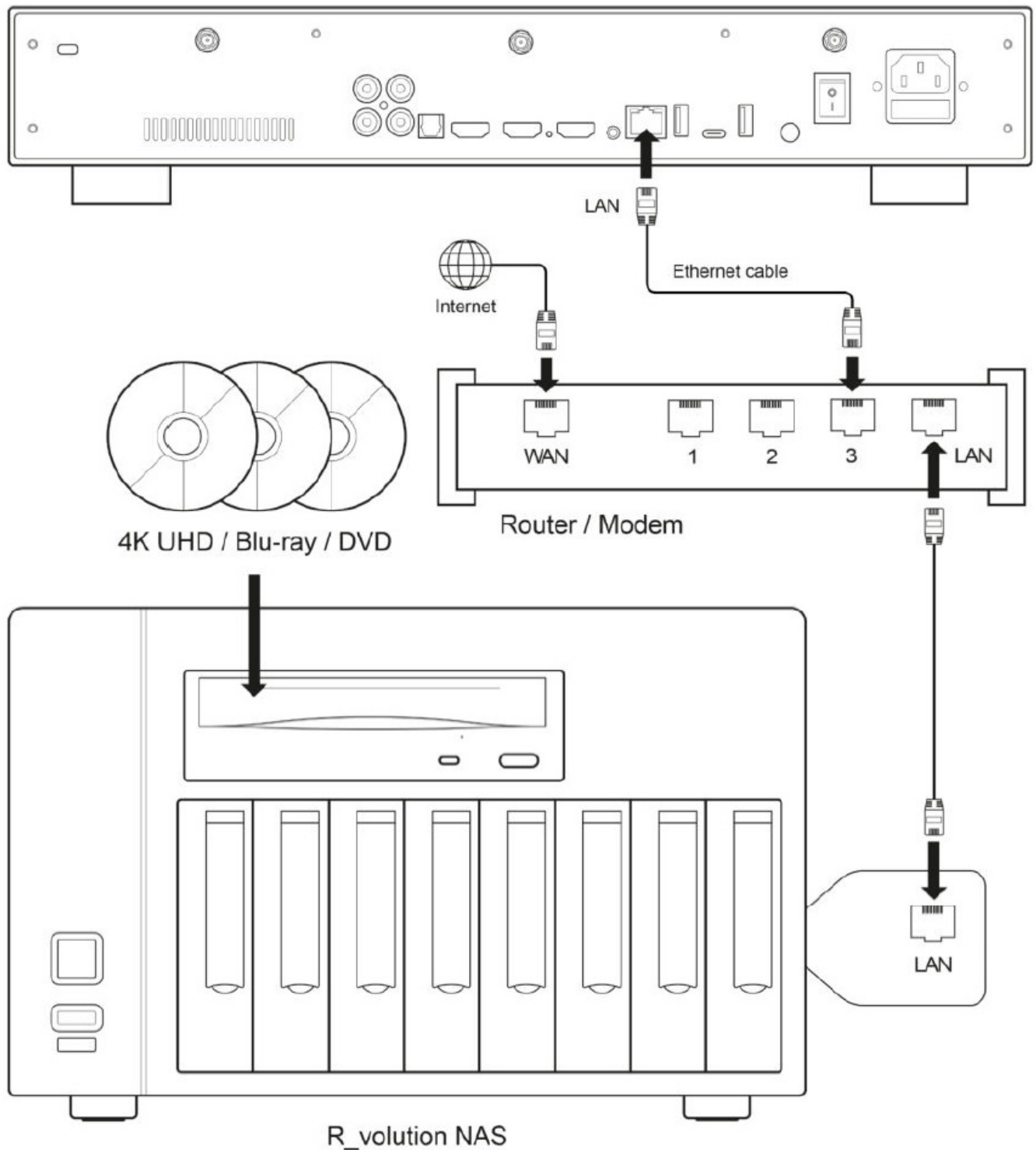
Even if you have pre-formatted the drives, the R_volution team must still initialize the NAS. Should your hard drives require formatting, we will handle this upon your request. To initiate the process, please reach out to our support team at nas@rvolution.com.

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_volution Players.

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

R_volution PlayerOne

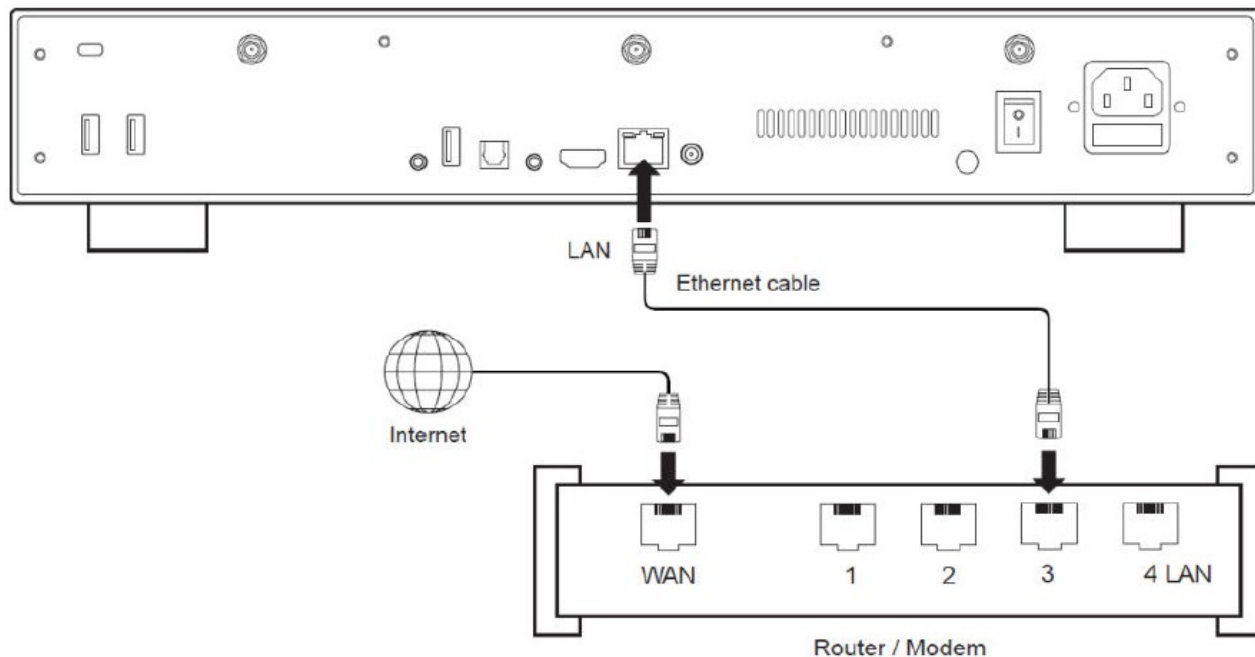


Starting

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:

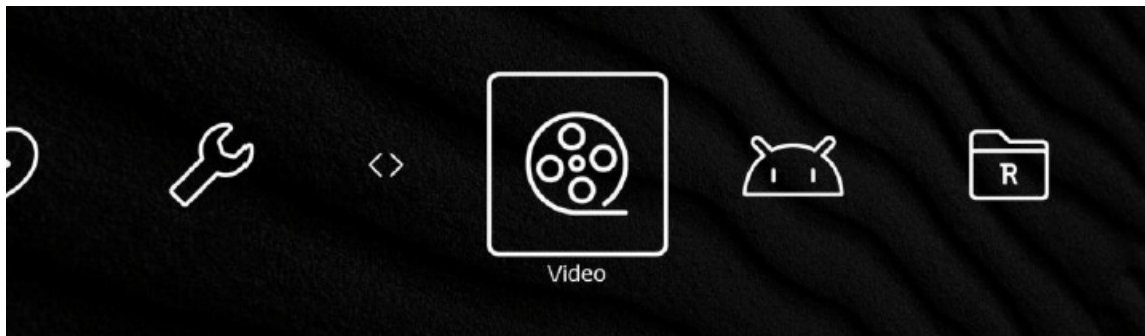
<https://rvolution.freshdesk.com/en/support/solutions>

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

Audio Settings

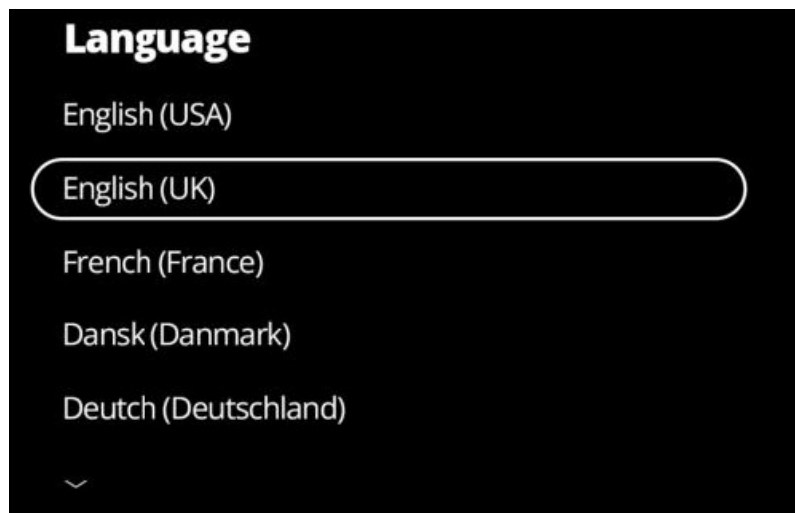
To set the audio preferences, go to “Setup / Audio”. If your R_volution player is connected to an AV receiver or a sound bar, please select HDMI (HD audio enabled) mode in “Digital Audio Connector”. If your R_volution player is directly connected to your TV, please select “PCM (decode)” in “Digital audio 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”.

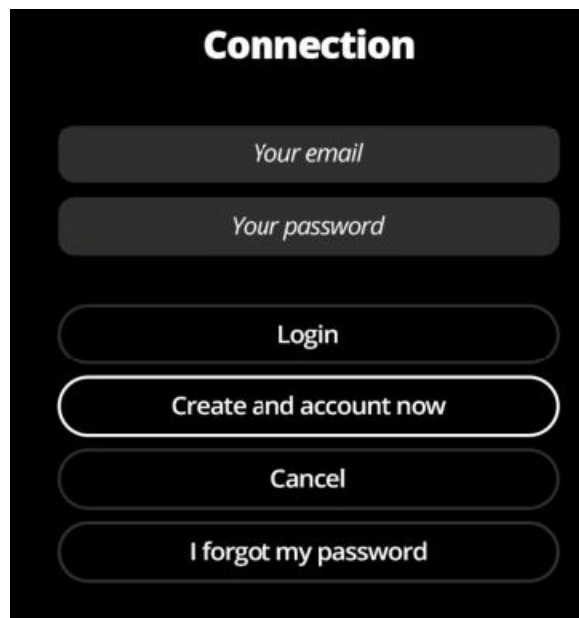
R_video Setup



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.



A dark-themed login screen titled "Connection". It features two input fields at the top: "Your email" and "Your password". Below these are four buttons: "Login", "Create and account now", "Cancel", and "I forgot my password".

Connection

Your email

Your password

Login

Create and account now

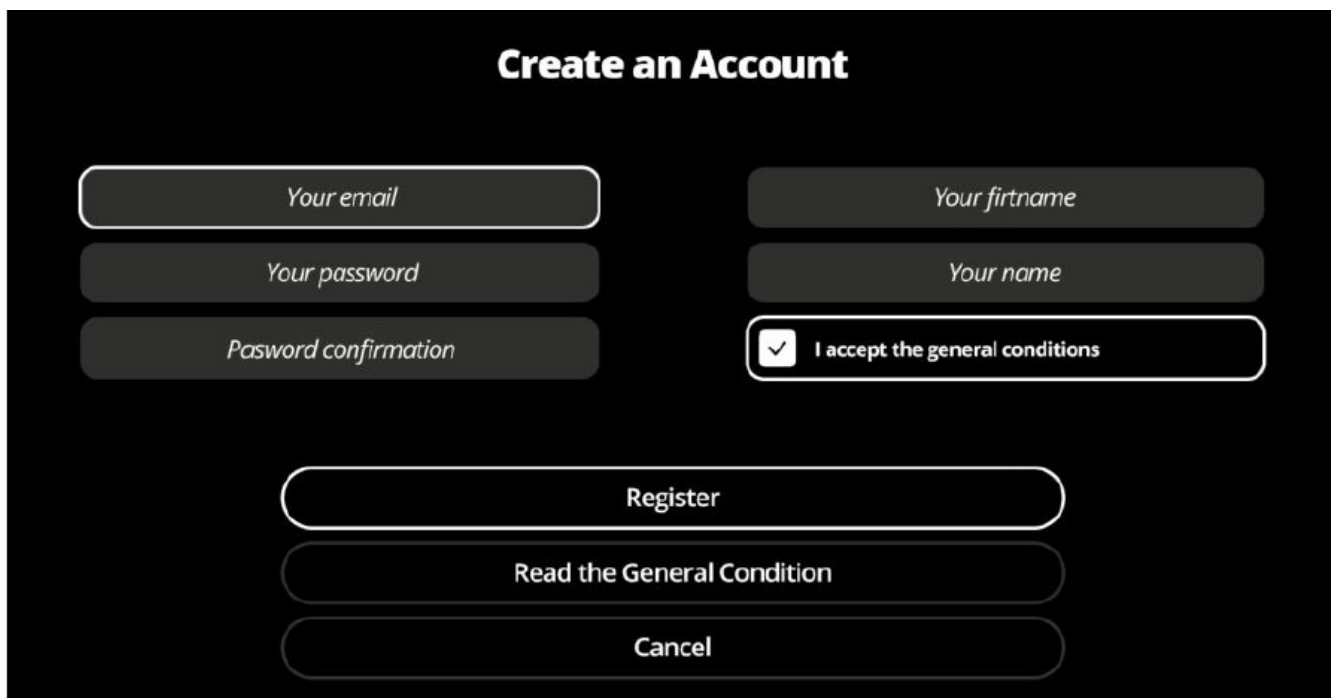
Cancel

I forgot my password

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.

A dark-themed account creation screen titled "Create an Account". It has two columns of input fields. The left column contains "Your email", "Your password", and "Pasword confirmation". The right column contains "Your firtname" (likely a typo for "first name"), "Your name", and a checkbox labeled "I accept the general conditions". At the bottom are three buttons: "Register", "Read the General Condition", and "Cancel".

Create an Account

Your email

Your password

Pasword confirmation

Your firtname

Your name

☒ I accept the general conditions

Register

Read the General Condition

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.

Token Number

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.

Connection

Account	<input type="text" value="r_video@gmail.com"/>
Base	<input type="text" value="R_cloud"/>
Collection	<input type="text" value="Collection 1"/>

Rvolution | Rvideo

- 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.

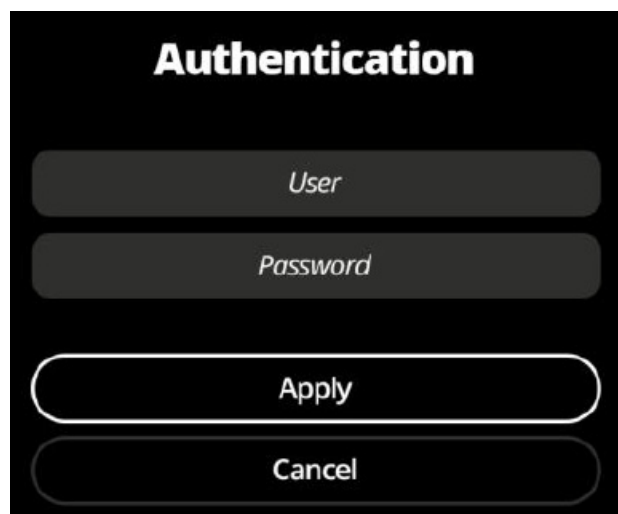
Note: To integrate personal movie files into your R_video library, place them in the Video/Movies.

Folder Management

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



Select RVOLUTIONNNAS 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.

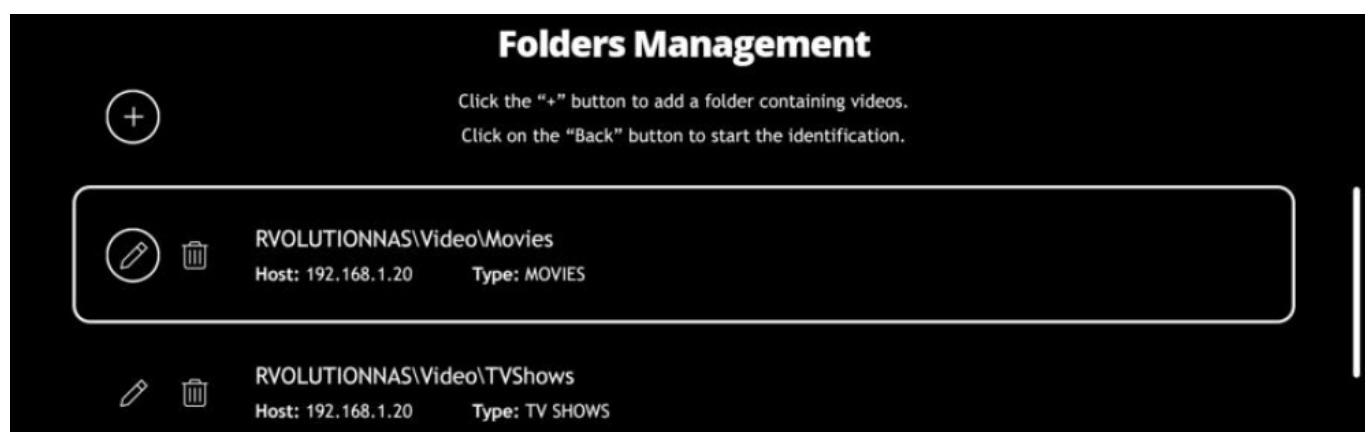


Warning! Please just add the folder named “Movies”. Do not navigate deeper. All the movies contained in this folder, as well as its subfolders, will be analyzed.

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).



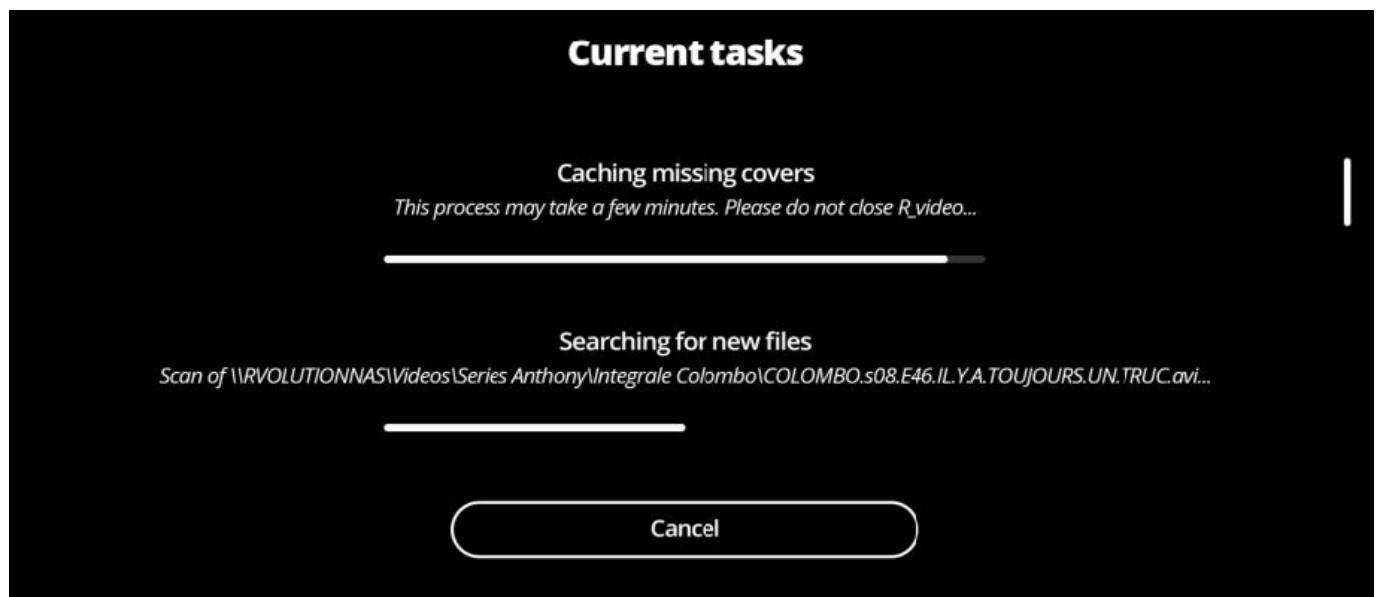
Then repeat the procedure to add the “TVShows” folder. Once you have added your folders Movies and TVShows, exit this screen by pressing the Return button on the remote control. R_video will launch its first analysis and reference all your video files located in the “Movies” folder previously indicated. 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_revolution 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.

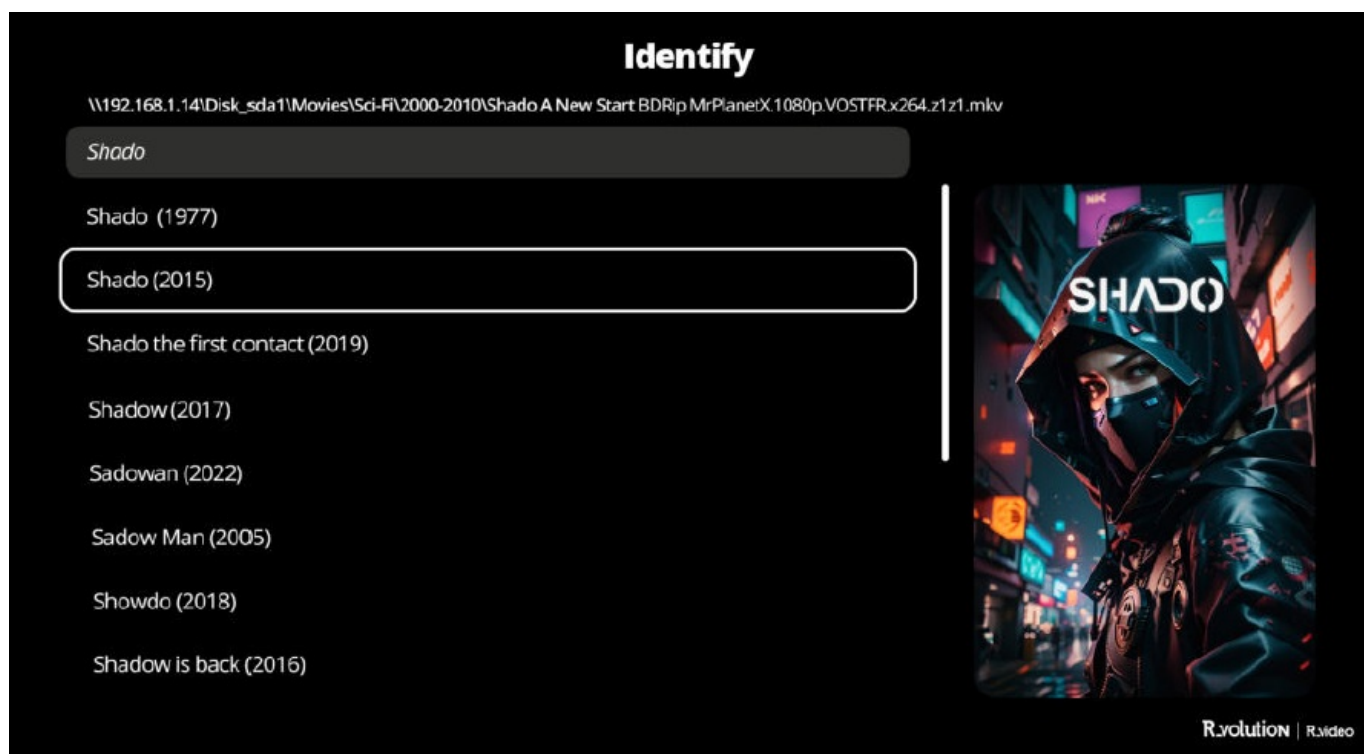
R_video can often identify titles even if files are incorrectly named, provided another user has previously identified the same file. The R_video DB is a community-driven database. However, unique files, such as re-encoded ones, or those never identified by another user, won’t be recognized automatically.

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



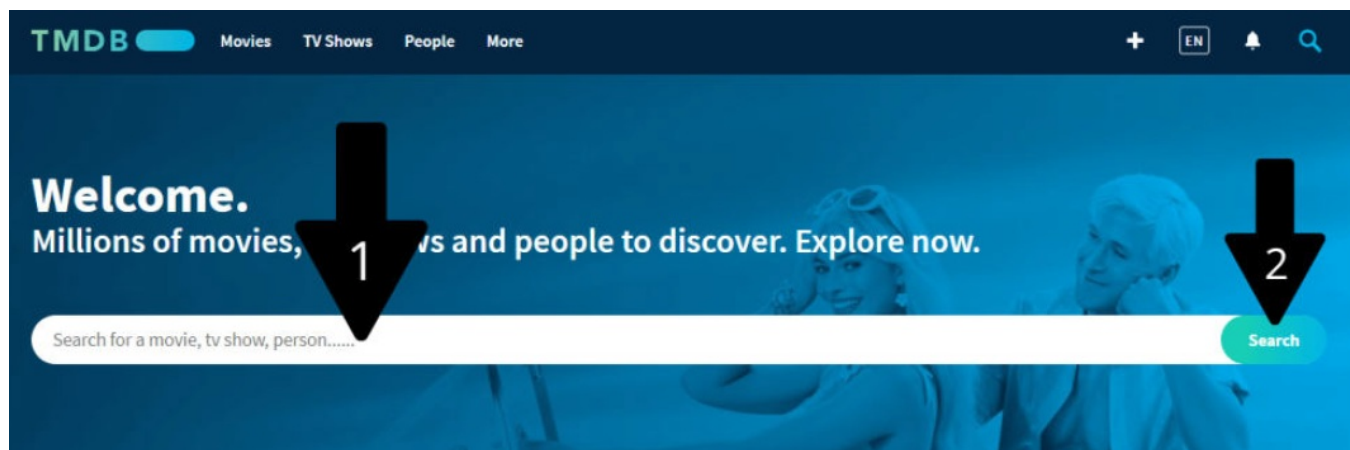
Then the subsequent screen will display :



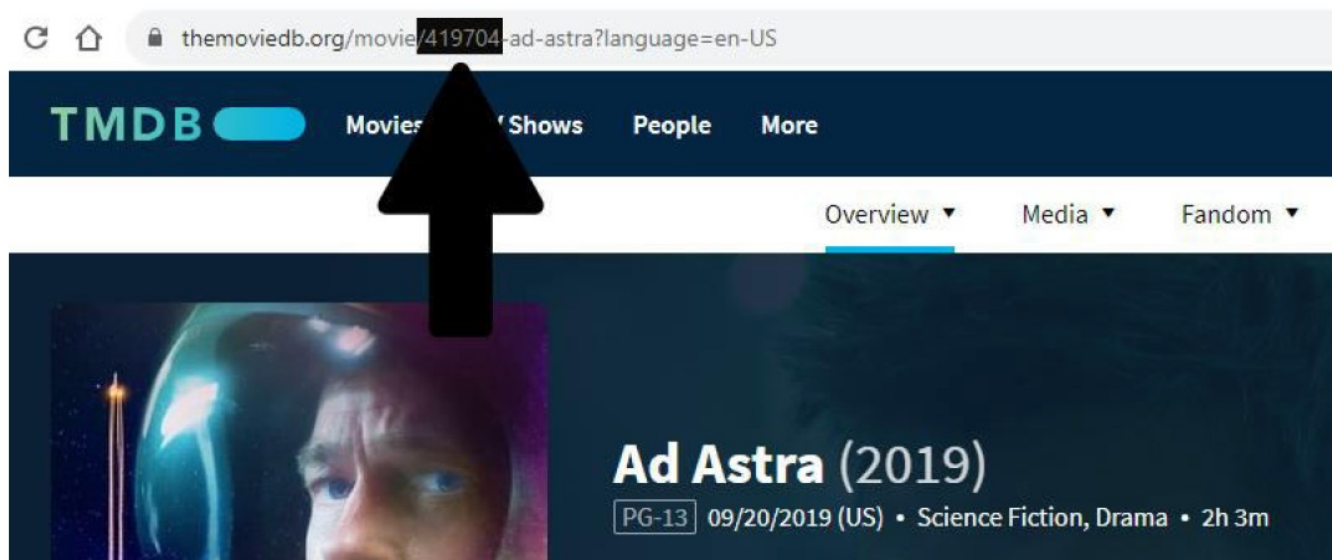
Navigate the suggestions using your remote's DOWN/UP arrows, then select OK to confirm your choice. If the search returns no results, enter the movie's unique TMDB ID code directly into the R_video search bar for a guaranteed match.

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. 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 R_volution 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.



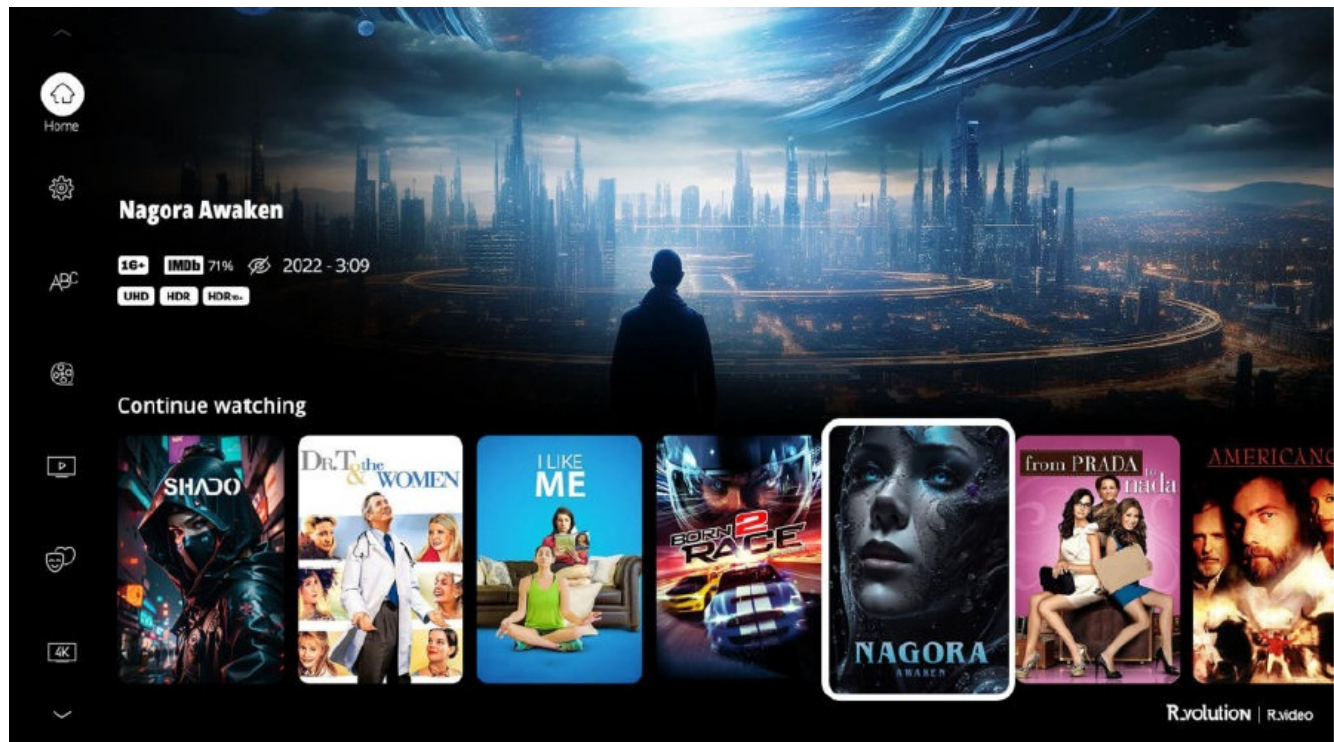
R_video DB: Premium Movie Covers.

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

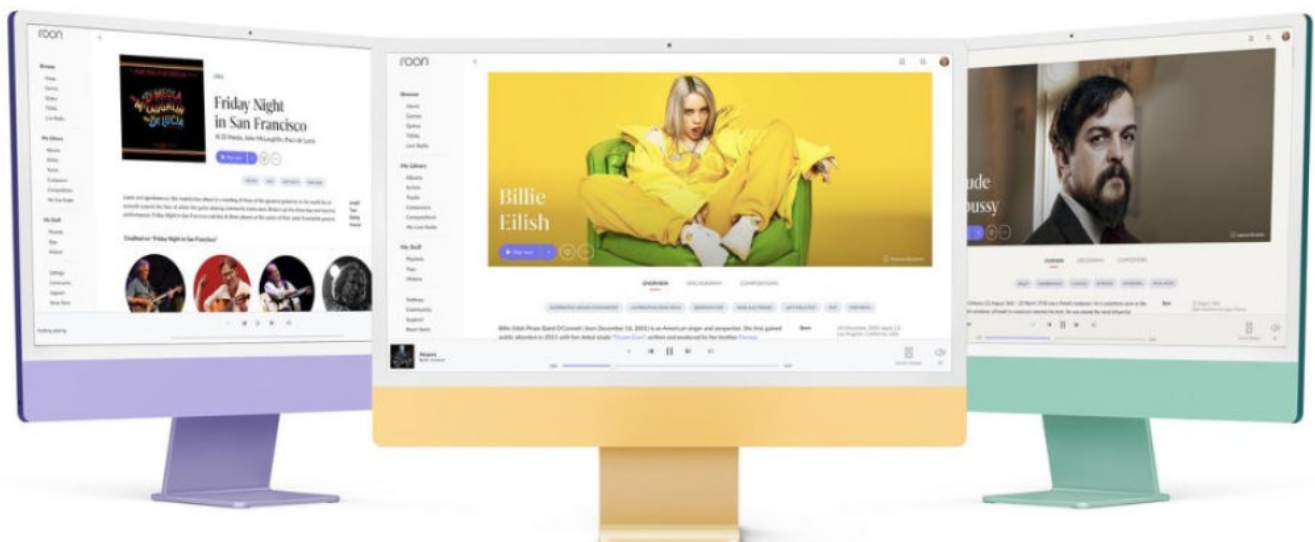
- Altering movie covers or wallpapers.
- Grouping movies.
- Categorizing movies or TV shows.
- Creating and managing categories.
- Managing icon displays on covers.
- Library statistics.
- Cache management.
- Applying filters and sorting.
- Enabling parental controls.
- Continuous playback within a group.
- 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://rvolution.freshdesk.com/en/support/solutions/103000211221>



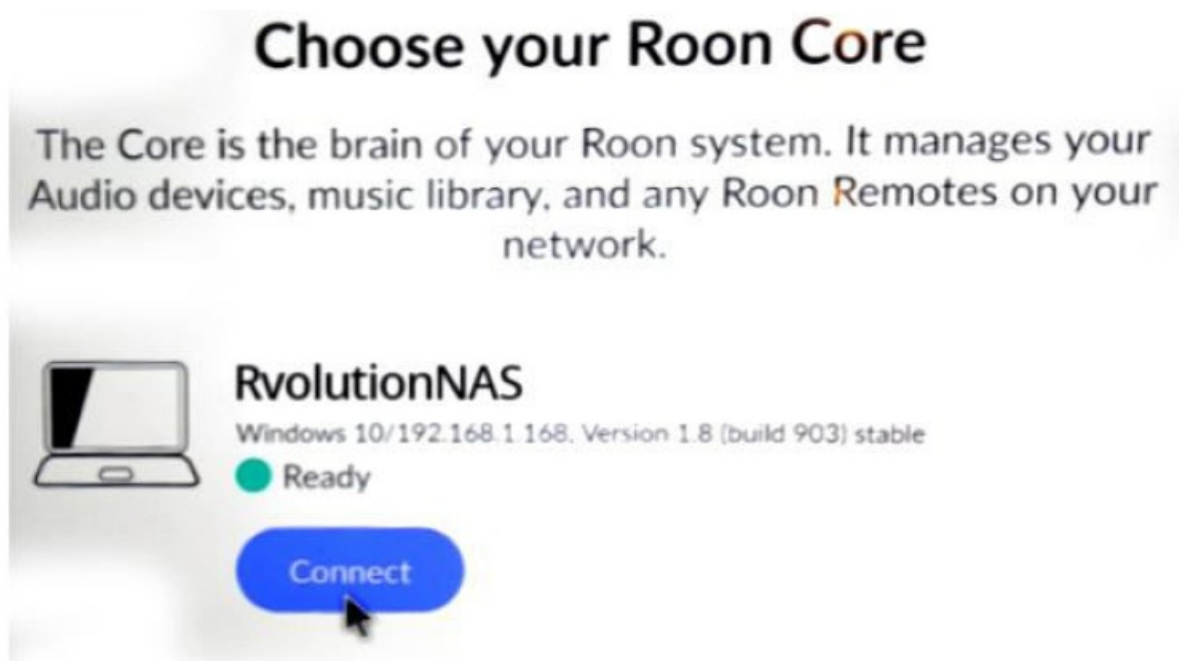
Roon Server.

Control your music from your tablet or computer.

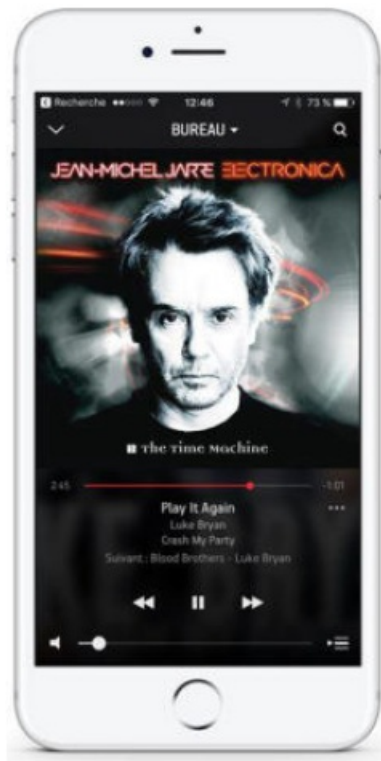
Roon Server is compatible with your Rvolution NAS for a seamless music management experience. For installation details, please contact us. Enjoy the convenience of Roon Server to orchestrate your music playback from any computer, smartphone, or tablet (iOS or Android)—no TV required. Simply select the 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.



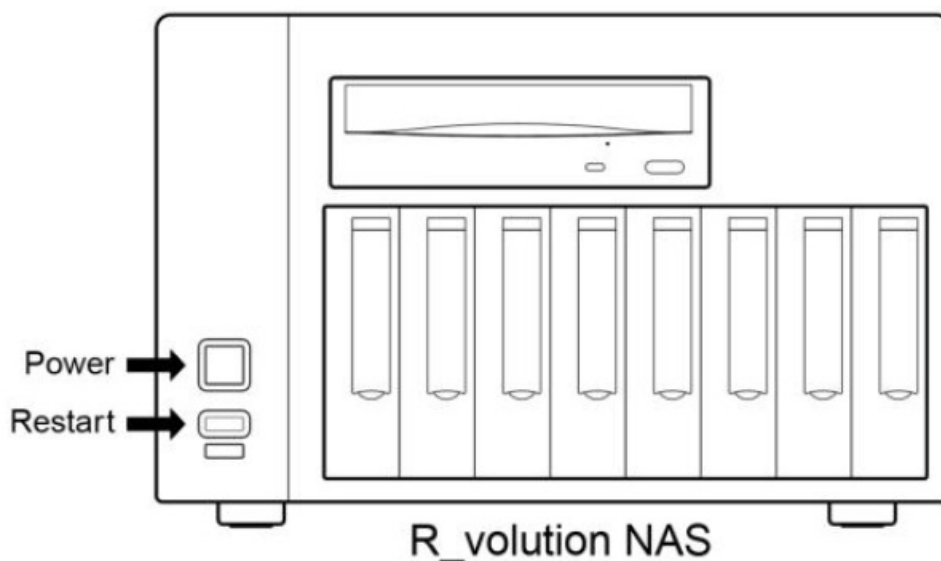
Personal Music Files and Pictures.



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 500×500 resolution image named "folder.jpg" at the folder's root. Sonos supports images up to 1024×1024, 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://rvolution.freshdesk.com/en/support/solutions>

User Support








To contact the user support, please use the dedicated form located here: <https://rvolution.com/contact-us>

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

Documents / Resources

 Quick Start Guide. R.volution NAS	R volution NAS Storage [pdf] User Guide NAS Storage, NAS, Storage
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References

-  [R_volution | 4K Ultra HD Media Player](#)
-  [Roon - Downloads](#)
-  [R_volution | Contact Us](#)
-  [Solutions : R_volution](#)
-  [R_video : R_volution](#)
-  [The Movie Database \(TMDB\)](#)
-  [Ad Astra \(2019\) — The Movie Database \(TMDB\)](#)
- [User Manual](#)

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