

**Quick Start Guide.**

# **Rvolution**

## **NAS Storage**

# R\_volution

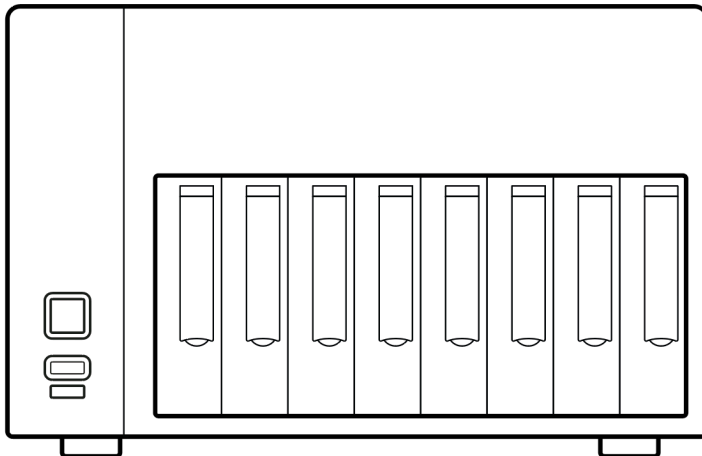
## NAS Storage

### 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 R\_volution NAS provides fail-safe storage for your collection using professional disk storage technology called RAID-5. If a drive fails, data is automatically restored to the hot spare disk, without loss of any content. The failed drive is replaced without turning off the server or disrupting playbacks in progress.

The R\_volution NAS delivers movies, audio and video content, over a standard residential network, simultaneously to R\_volution players throughout the home. Once your audio and video files are stored on R\_volution NAS, they can be enjoyed immediately from any R\_volution player in your home.



# Starting Installation.

## HDD installation.

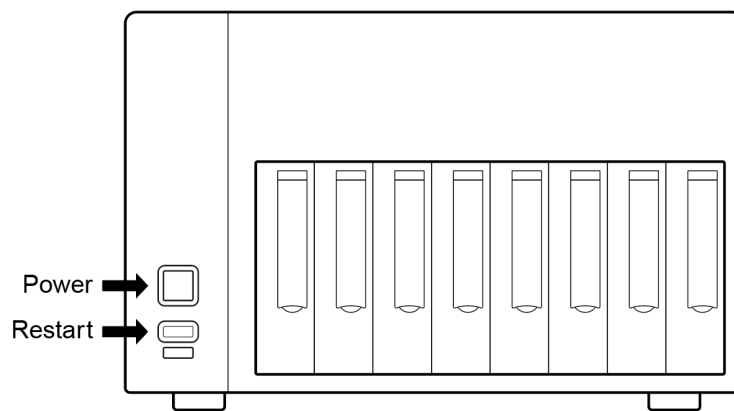
Begin by unpacking your Rvolution NAS Storage and opening the number of trays corresponding to the hard drives you wish to install, starting from the left. For instance, to install four hard drives, open the first four trays on the left. Ensure at least three hard drives of identical capacity are installed 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 Rvolution NAS Storage 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 Rvolution NAS Storage.

**WARNING! The use of other connectors is reserved exclusively for Rvolution certified technicians in the event of a malfunction. Please avoid using them!**

3. Power on the Rvolution NAS Storage by flipping the **Power button** located on the front panel. The button will light up in blue.



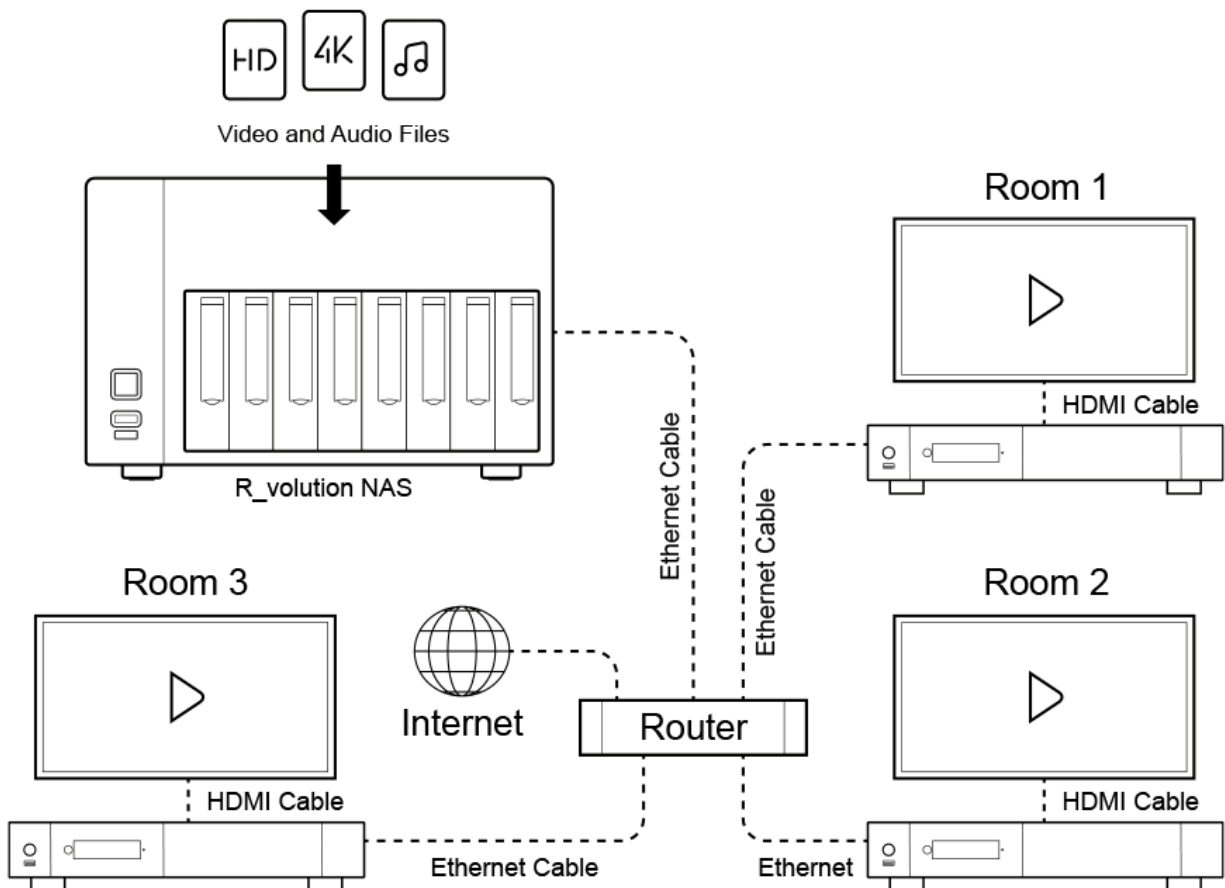
## NAS initialization.

Even if you have pre-formatted the drives, the Rvolution 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](mailto: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.

*Enjoy movies and TV shows throughout your home by adding R\_volution media players and play Blu-ray quality movies to up to 3 zones simultaneously in stunning UHD quality. Each player operates independently so you can watch different movies in different rooms of your home.*



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 performances. For example, if you want to stream your video content to three televisions, you will need three R\_volution players (one for each zone).

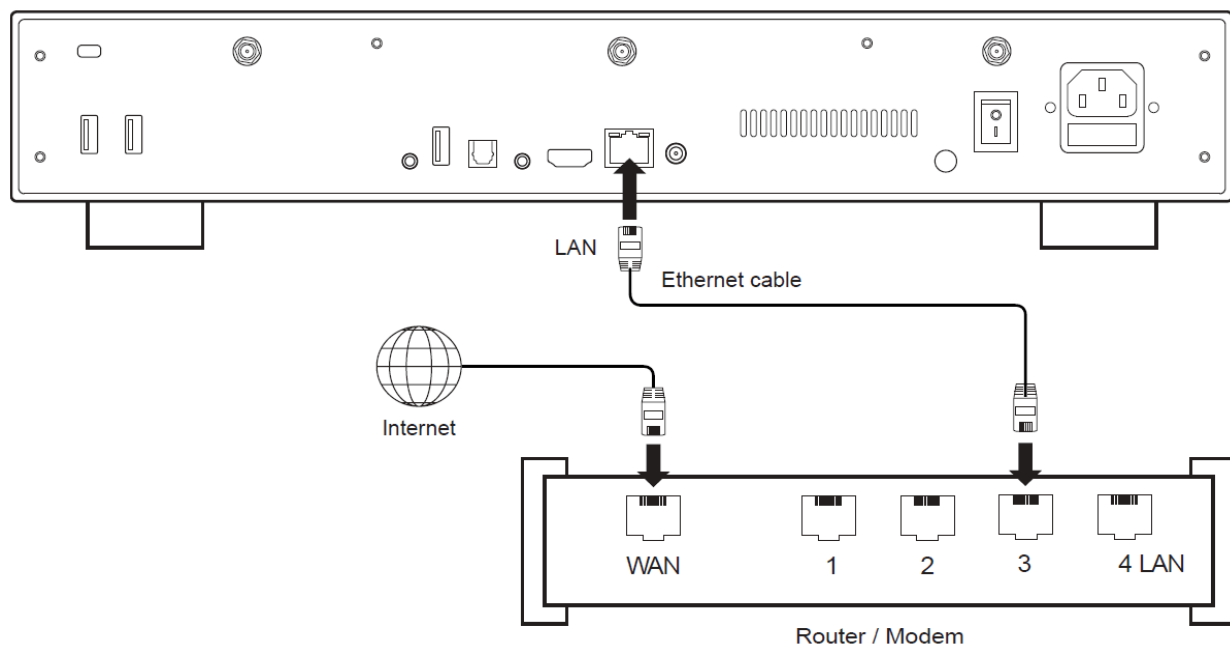
## Starting

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](mailto: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**".

## Network Settings

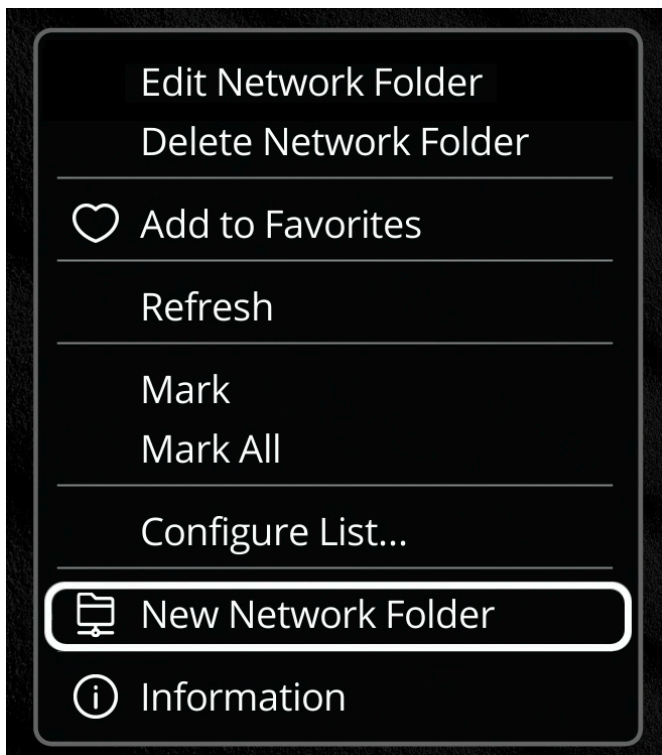
To access the R\_volution NAS network from your R\_volution Player media player, make sure your NAS is on the same local network as your player.

Then, do the following:

1. Connect your R\_volution Player and your NAS.
2. Turn on your R\_volution NAS and your R\_volution Player.
3. Enter **Explorer**.
4. Press the **MENU** button on the remote control.



5. Use the **DOWN arrow** on your remote control until you reach "**New Network Folder**". Then, confirm using the **OK** button on your remote control.



6. Move the cursor to **"Name"** and validate using the **OK** button of your remote control.

Then, click on the **CAP LOCKS** button located on the virtual keyboard displayed on the screen to write in capital letters. Then enter **"RVOLUTIONNNAS"**. Then, validate by clicking on the OK button located to the right of the virtual keyboard.

Repeat the operation by entering **"rvolutionnnas"** in the Server field.

Then, enter the name of the folder you want to access. For example **"videos"**, **"Music"**, **"Documents"**, **"Pictures"**.

*Note: It is important to carefully respect the spelling of folder names as above.*



The image shows a 'New Network Folder' dialog box with the following fields and values:

- Name: RVOLUTIONNNAS
- Type: SMB ►
- Server: RVOLUTIONNNAS
- Folder: video
- User: (empty)
- Password: (empty)

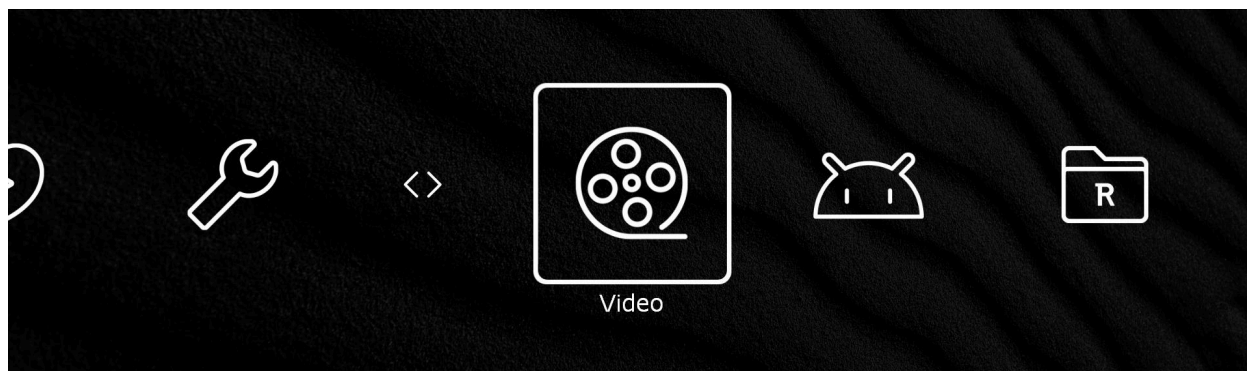
At the bottom of the dialog are two buttons: OK and Cancel.

Leave the **"Username"** and **"Password"** fields **empty**. Then confirm with OK.

7. That's it, the folder has been shared and you can access it. Repeat the operation to be able to access the **"Music"**, **"Documents"**, **"Pictures"** or any other folder on your NAS.

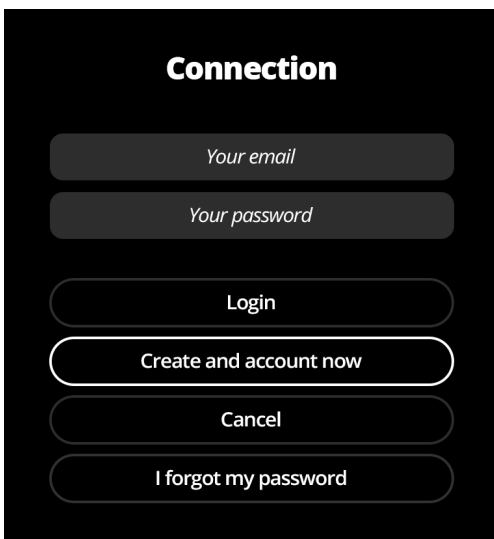


# R\_video Setup.



**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](mailto: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.

## Create an Account

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input checked="" type="checkbox"/> I accept the general conditions

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.

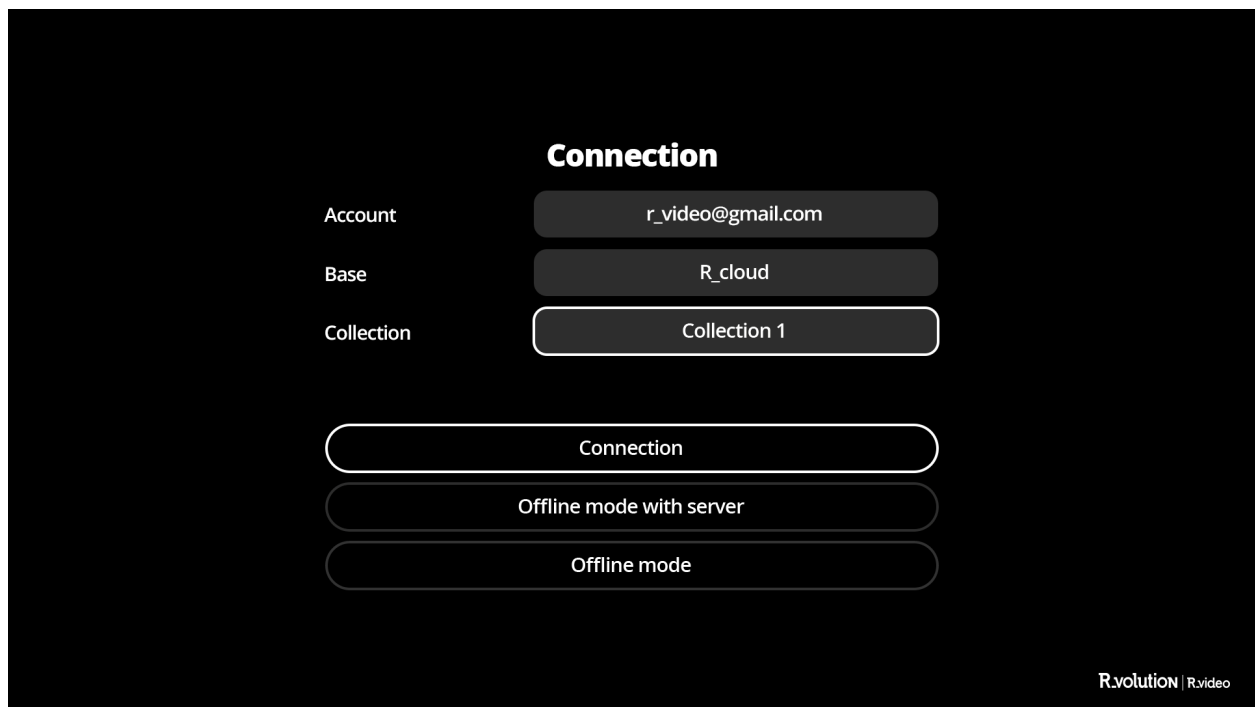
4. Next, input your “**Token**” number found on a label located under your R\_volution Player.

## 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.



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.

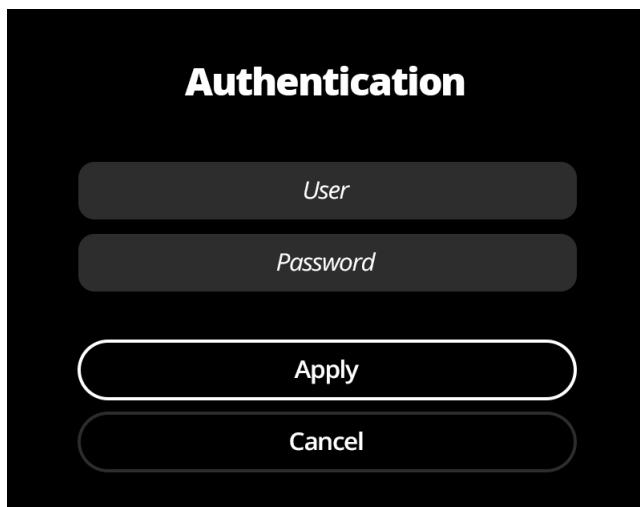
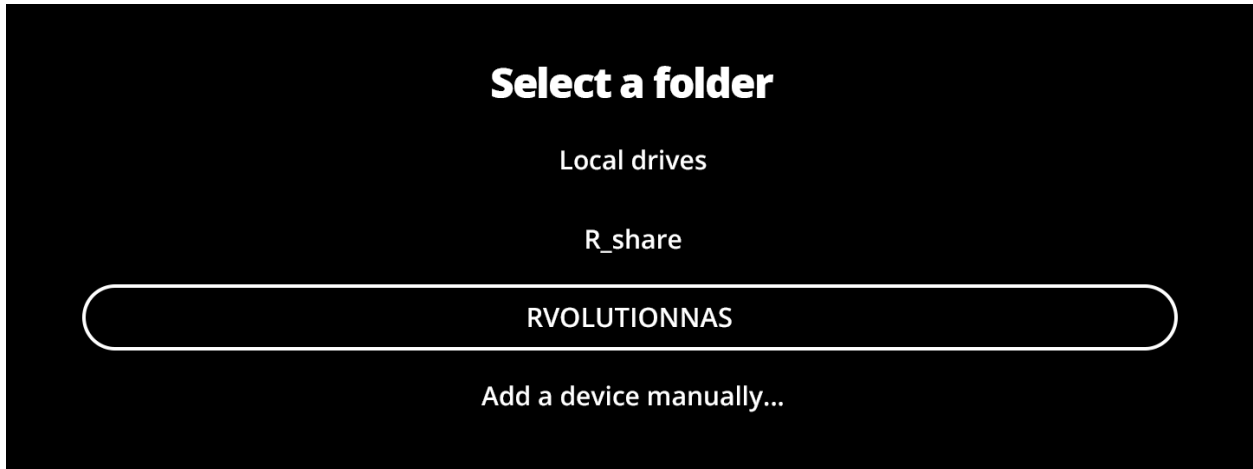
**Note:** To integrate personal movie files into your R\_video library, place them in the **Video/Movies**.

# Folder Management

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

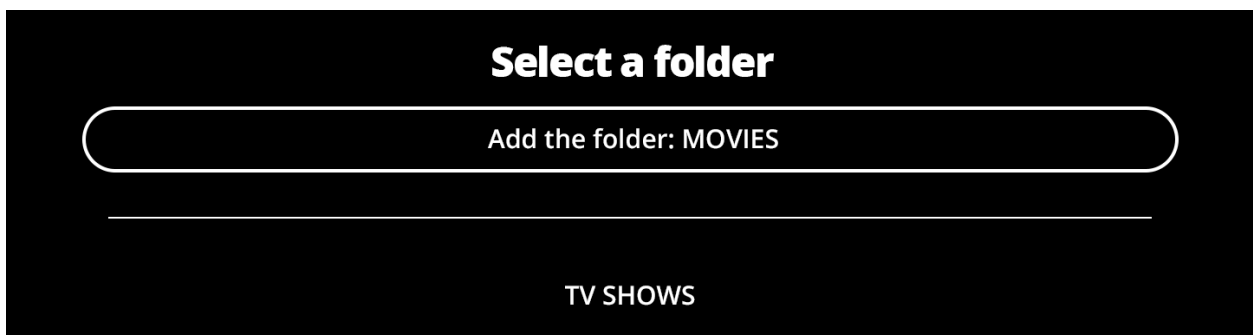


Select **RVOLUTIONNNAS** from the list.



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.

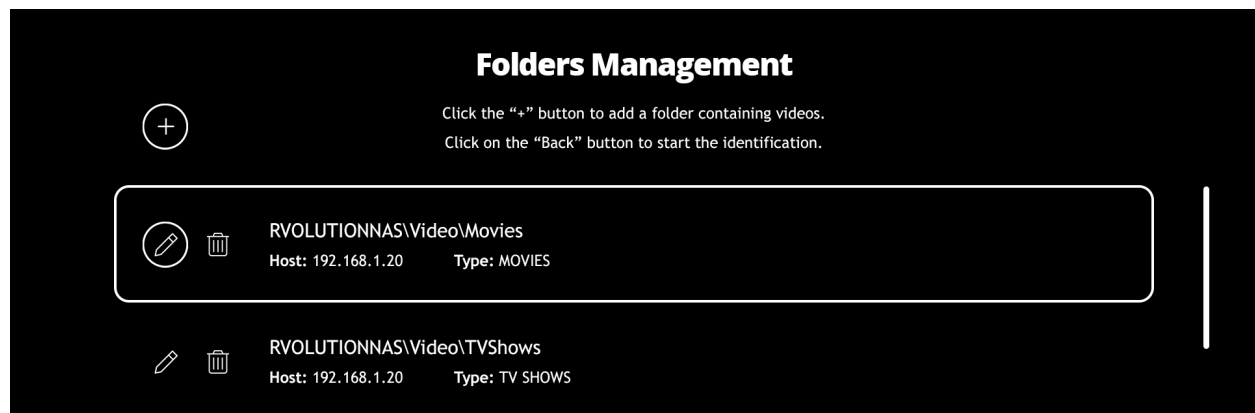


**Warning! Please just add the folder named "Movies". Do not navigate deeper. All the movies contained in this folder, as well as its subfolders, will be analyzed.**

**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 transferred yet any video file in R\_volution NAS, your collection will be empty.

## 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.

**If you cannot see you R\_volution NAS Storage on your local network, please make sure that your NAS is connected to the same local network as your computer. If you still cannot see it, contact us at [nas@rvolution.com](mailto:nas@rvolution.com) for support.**

To transfer your files on the R\_volution NAS Storage, use a computer and transfer your video files by the local network into the folders "Movies" and "TVShows", localized under RVOLUTIONNAS/Video/.

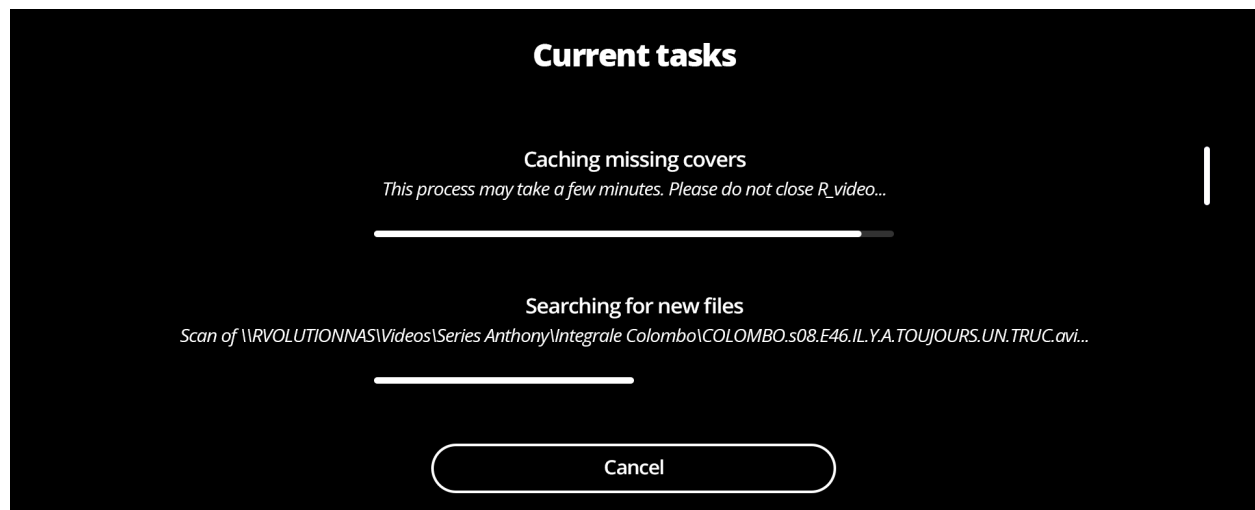
**Documentaries with multiple episodes, like "Planet Earth," are categorized as TVShows in TMDB. Stand-alone documentaries are classified as Movies. For your personal documentary files, place them in the appropriate folder to ensure they are correctly identified in R\_video. Concerts are consistently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

## Video identification.

**Your R\_volution NAS Storage is now operational.**

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.

**Note:** For optimal performance, BDMV folders, ISO and M2TS are recommended. But MKV files are also supported as well as various video formats. Please note that some professional file formats such as ProRes are not supported by the R\_video media players. But you can store them on the NAS for a professional use on Mac or professional players such as BlackMagic.

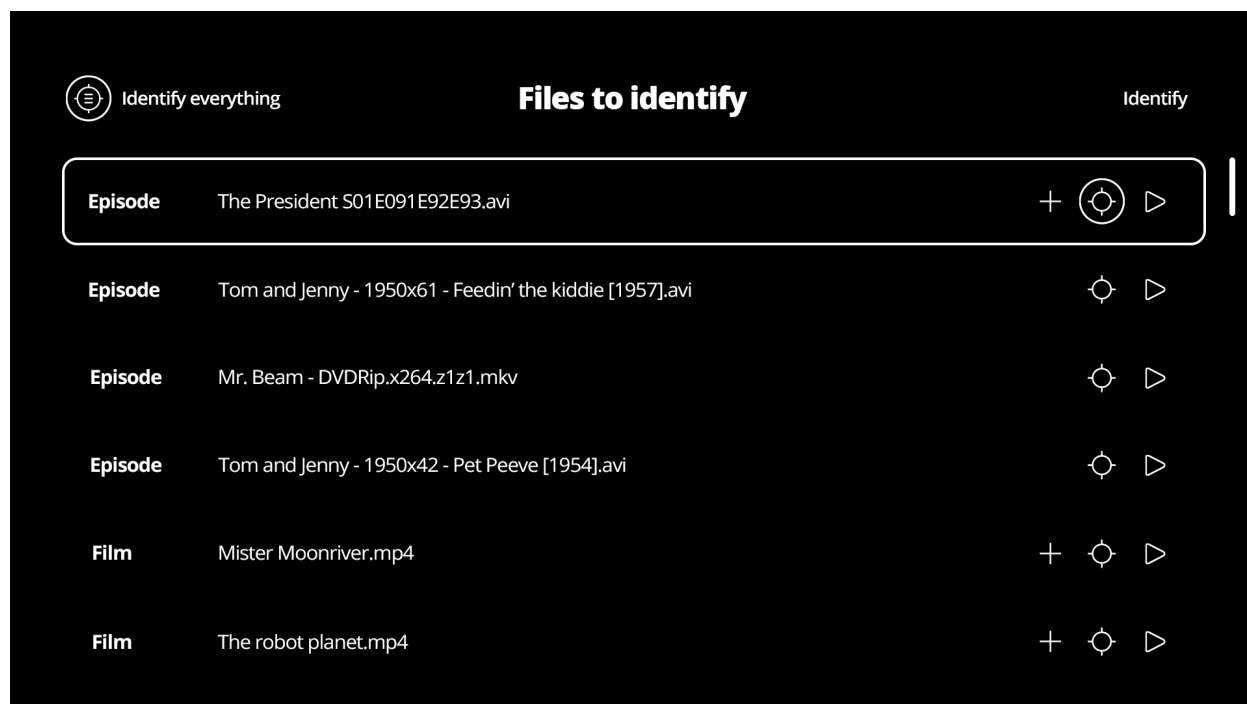
Use the **MENU** button on your remote while navigating your movie or TV show library to explore **additional features**. Discover R\_video's advanced functionalities by visiting our **Knowledge Base** at: <https://rvolution.freshdesk.com/en/support/solutions/103000211221>

## Film or concert not found or incorrectly identified.

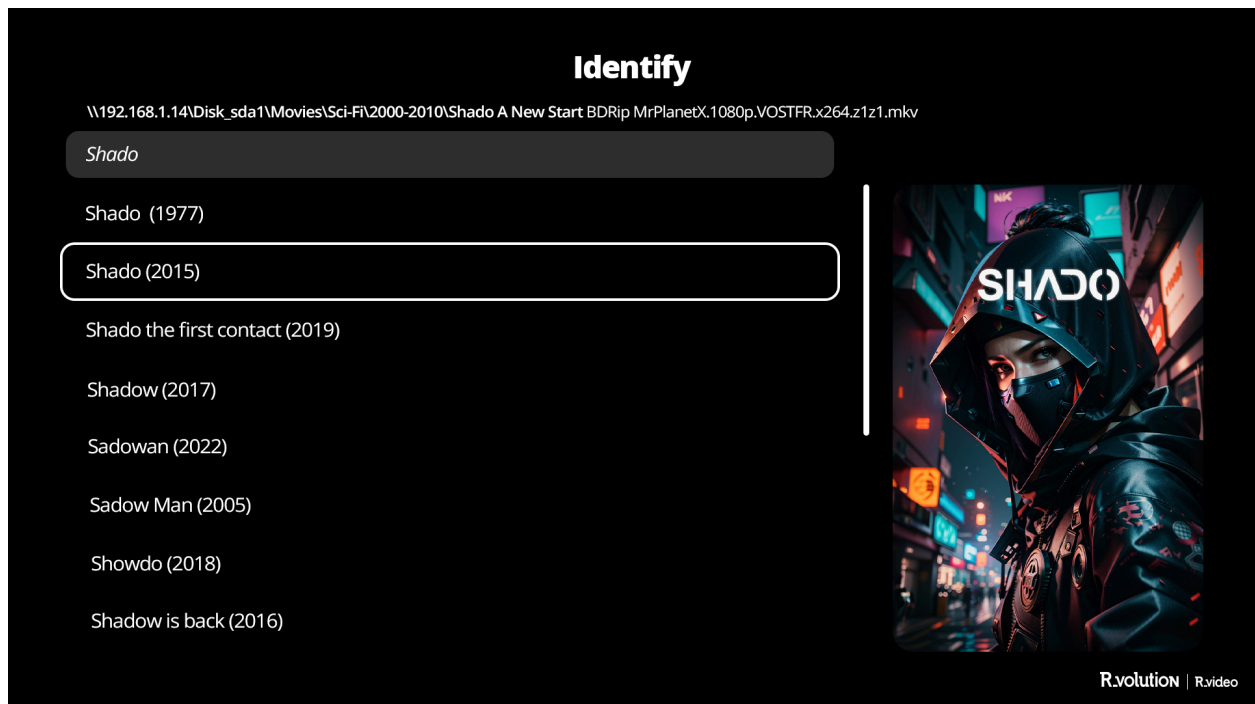
R\_video can often identify titles even if files are incorrectly named, provided another user has previously identified the same file. The R\_video DB is a community-driven database. However, unique files, such as re-encoded ones, or those never identified by another user, won't be recognized automatically.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

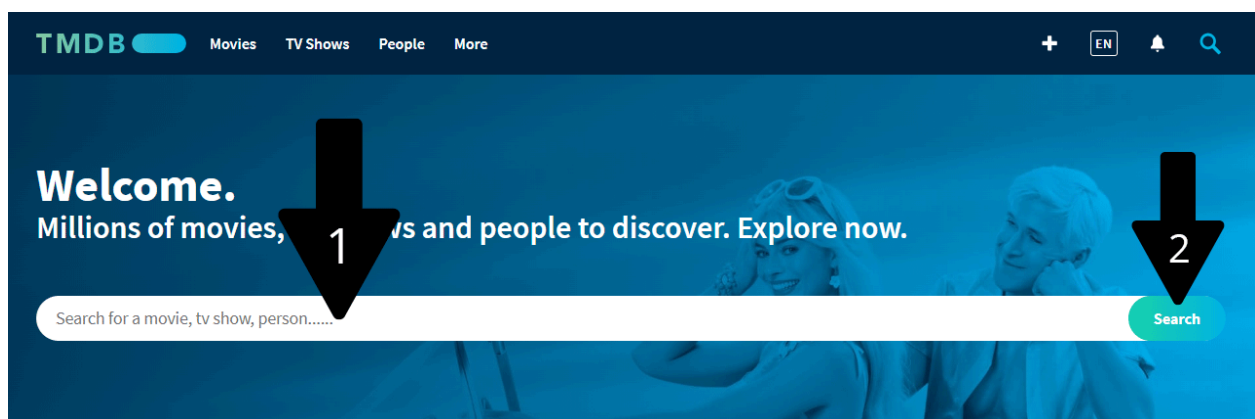


Navigate the suggestions using your remote's **DOWN/UP arrows**, then select **OK** to confirm your choice.

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.

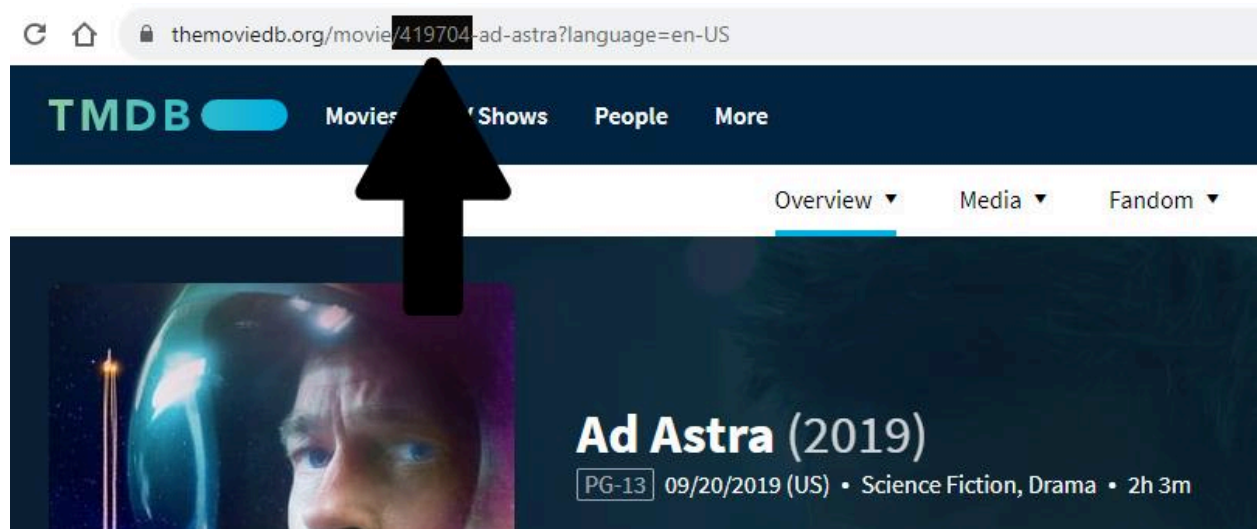
### How to find the TMDB ID code of your movie, concert or TV show:

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 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.

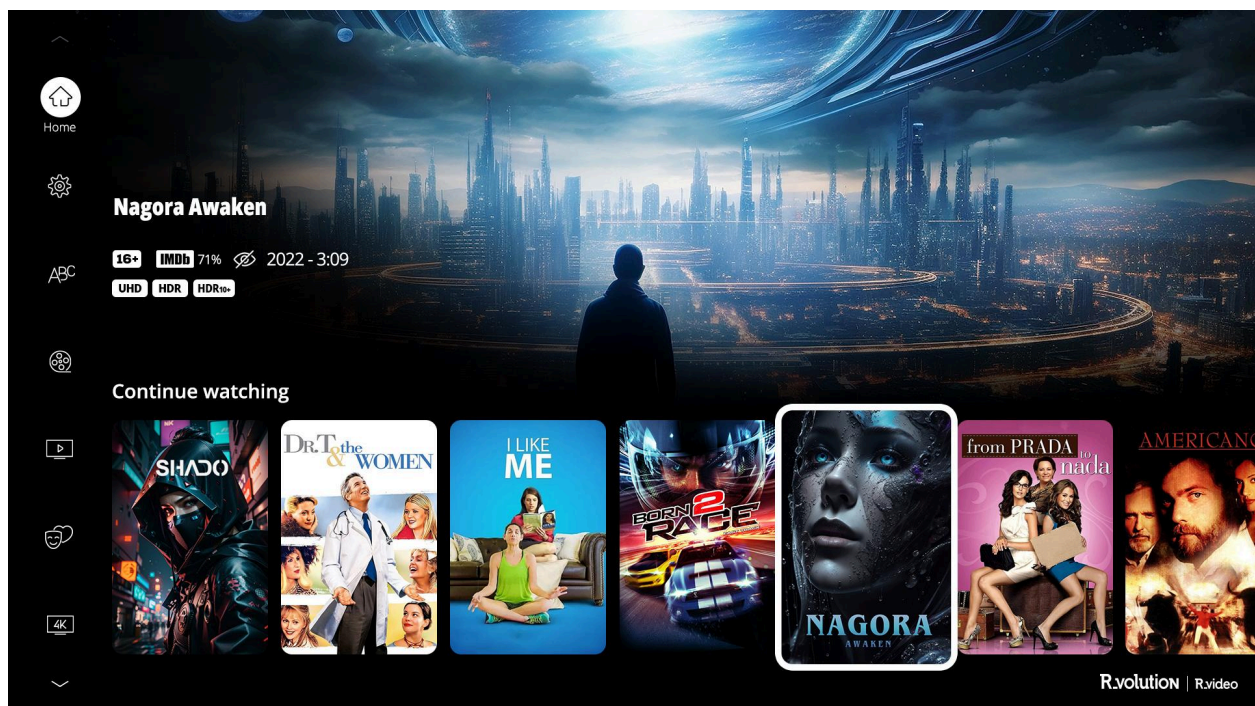
**ALL:** All your videos, both movies and TV shows, are organized alphabetically here.

**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:

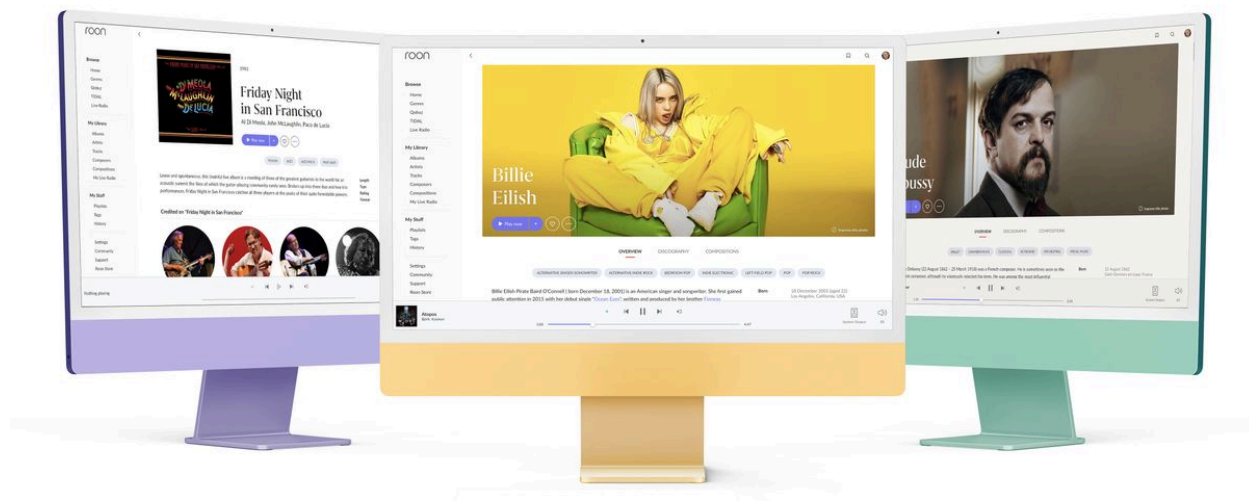
- Deleting a movie, group, or episode.
- An Edit Panel for altering top movie covers and technical details.
- Adding a module to the Showcase for homepage customization.
- Changing the Status of content (Seen, Unseen, Ongoing).
- Organizing homepage modules.
- Altering movie covers or wallpapers.
- Grouping 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.

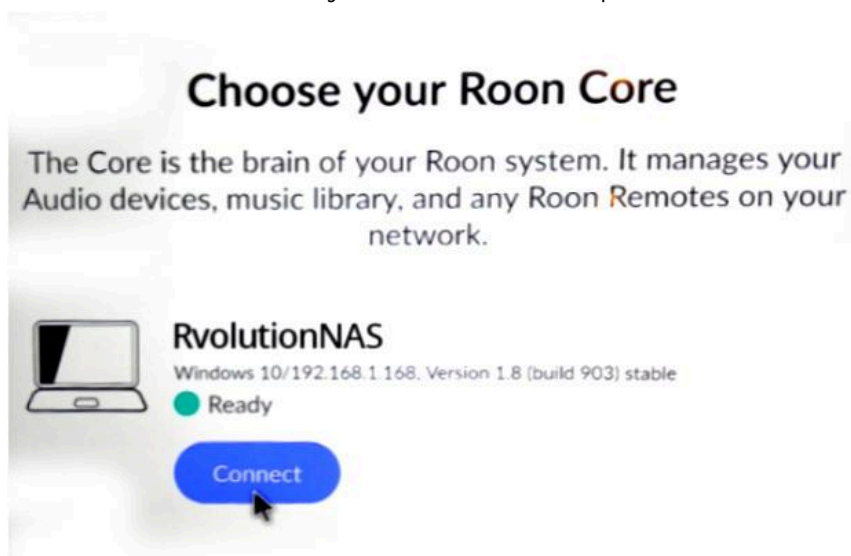
Control your music from your tablet or computer.

**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.

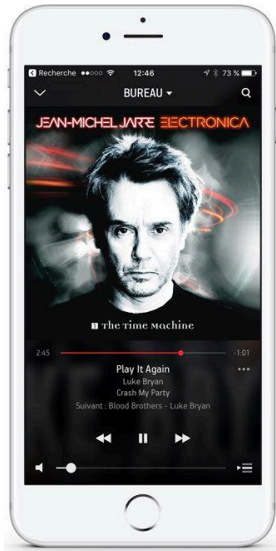
## To get started with Roon on your device:

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.



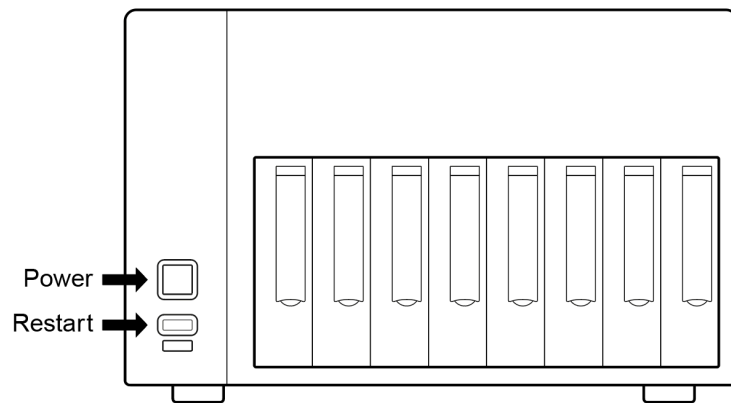


## Personal Music Files and Pictures.



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 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.



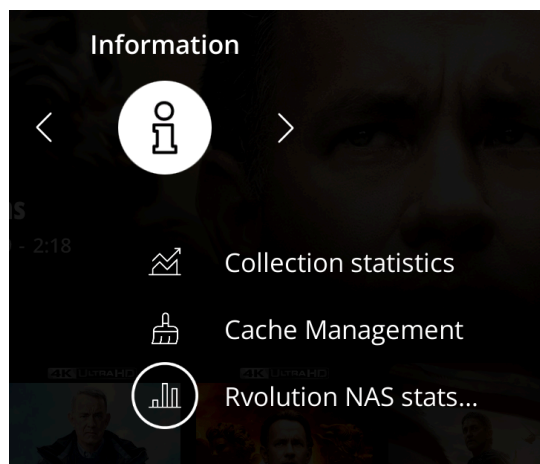
### POWER OFF

To turn OFF the R\_volution NAS Storage, 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

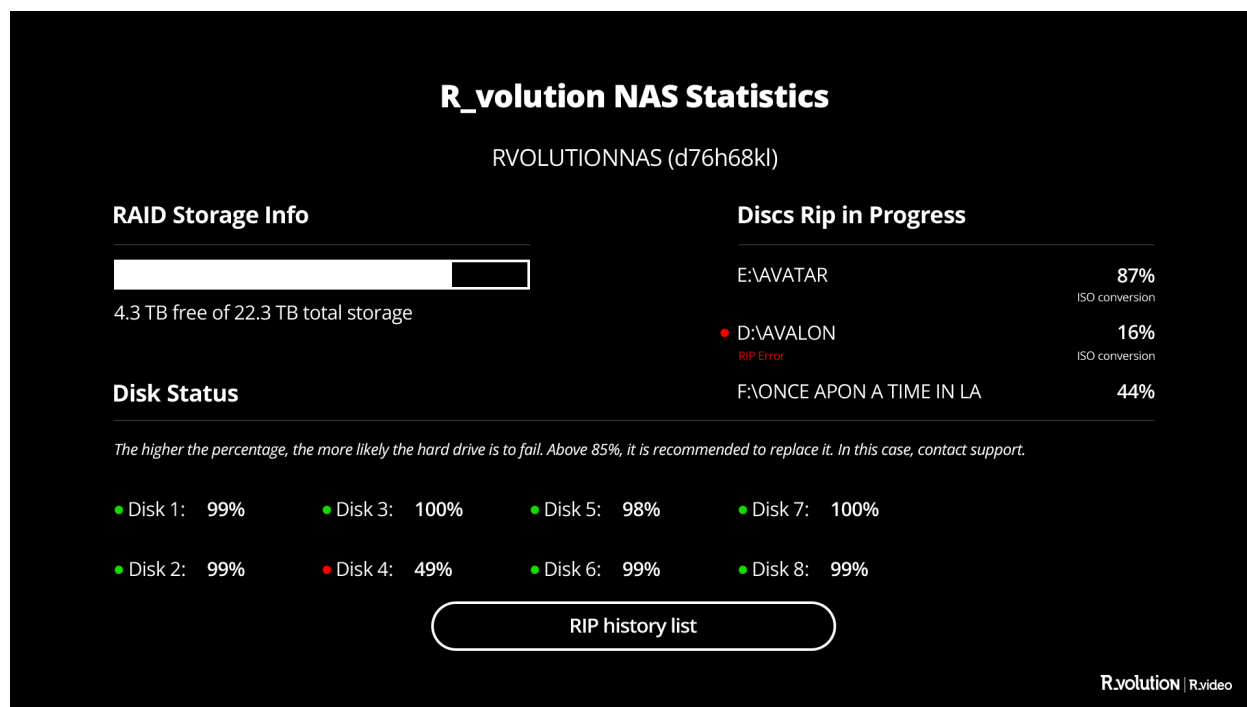
For a restart, press the button located beneath the POWER button.

# R\_volution NAS Statistics



To access the NAS statistics, go to R\_video, then press the **MENU** button on your remote control, then go to the **Information** column, then click on **R\_volution NAS Stats...**

You will then see the following screen appear:



Below the title, you can see the name of your NAS and its token number.

On the left side of the screen, you can see the **remaining capacity** as well as the **total capacity** of the NAS (Raid Storage Info).

On the right side of the screen you can see the **progress status of the current disc RIPs** (Disc Rip in Progress).

**Disk Status** allows you to instantly see any hard drive errors.

Click on the **RIP History List** to view the list of previously performed RIPs.



The green indicator shows that the disc was successfully ripped while the red indicator shows that the disc rip failed. Use the **DOWN** button on your remote to **scroll through the list**.

**Note:** *RIP feature is not available in some regions of the world due to licensing restrictions. In this case, these options are not displayed.*

## 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](mailto:nas@rvolution.com)



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